

Form eGC1

80-1234

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A41901  
 Long Title: Understanding fisheries collapse and recovery:  
 Short Title: Fishery collapses  
 Last Completed Timestamp: 7/9/2008 2:40 PM  
 Start/End Dates Requested: 8/1/2008 - 7/30/2010  
 Sponsor Deadline: 7/15/2008  
 Application Type: New  
 Sponsor: Society for Conservation Biology (SCB)  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 5%

	First Period	Total (all periods)
Total Direct Costs:	75,496	157,619
Total F&A Costs:	3,775	7,881
Total Costs:	79,271	165,500

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A41901  
Full Application Title: Understanding fisheries collapse and recovery:  
Short Title: Fishery collapses  
Start/End Dates Requested: 8/1/2008 - 7/30/2010  
Sponsor Deadline: 7/15/2008  
Date Needed From OSP: 7/15/2008  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Society for Conservation Biology (SCB)  
Sponsor type: Association & Non-Profits  
Address: 4245 N Fairfax Drive, Suite 400  
Arlington, VA 22203  
City, State, ZIP: Arlington, VA, 22203  
Country: USA  
Contact name: Shonda Foster  
Contact phone: 202-234-4133 x101  
Contact email: SFoster@conbio.org

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Trends in global fisheries landings have been flat since the mid 1980's while human populations and demand for seafood have continued to rise. This increasing pressure on a finite resource has coincided with the widely noted collapse of fisheries around the world. Such collapses have occurred in fisheries that were once among the most productive in the world, including northwest Atlantic cod and Peruvian anchoveta. Some stocks, such as anchoveta, have recovered, while others, including cod, remain severely depressed. Opinions differ on the causes of

collapse and the failure of some collapsed fisheries to recover. Many explanations receive some support from carefully selected case studies. Surprisingly, there has yet to be a systematic attempt to sift through global fisheries data to find the factors most frequently associated with collapse and failed recovery of fisheries. Identifying such factors would allow resources to be focused on fisheries most at risk, including emerging fisheries where stock-specific data are lacking.

My proposal addresses this need through a global meta-analysis of fisheries stock assessments and harvest time series. I will evaluate the evidence for the most frequently asserted biological, economic, and management explanations for fisheries collapse and failed recovery. U.S. fisheries are among the most well-managed in the world, yet some have still collapsed. Detailed stock assessments and fisheries management plans are available for many of the 530 stocks and stock complexes recognized by the National Marine Fisheries Service. In addition to the global meta-analysis, I will investigate in greater detail the history and causes of fishery collapse in the U.S. The approach is analogous to a medical research model where the increased risk of disease (collapse) associated with various candidate factors is first evaluated through correlation and logistic regression analysis. This stage is conducted on a large database of subjects for which little may be known except outcomes (disease/collapse) and risk factors. Those factors identified in the screening phase are then further evaluated using well known case studies in order to understand the underlying mechanisms. Some factors identified in stage I will undoubtedly turn out to be spurious, while the risks associated with others may be easily managed once the mechanism is understood. The products of this research will include: (1) a ranking of factors most commonly associated with collapse and failed recovery, (2) a statistical model based on these factors that can be used to estimate risk of collapse and probability of recovery if collapse occurs for individual fisheries, and (3) a list of U.S. fisheries most at risk of collapse based on predictions from the model and recommendations for changes that could be made to reduce their risk.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages	45,000	95,000
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel	4,308	8,724
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits	10,035	21,185
08	Student Aid		
38	Unallocated	16,153	32,710

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	75,496	157,619

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)
	75,496	157,619

**F&A Cost Rate**

F&A Cost Rate 5%

First Period Total (all periods)

Total F&A Costs	3,775	7,881
	First Period	Total (all periods)
Total Costs	79,271	165,500

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? NO
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 Sponsors policy, as stated in Award Letter is to provide only 5% indirect costs.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
letter to sign	1	Hilborn award letter.doc	7/9/2008 2:39:32 PM

**Internal documents for OSP**

Description	Version	File Name	Attached On
email instructions	1	Hilborn award letter part 2.doc	7/9/2008 2:39:58 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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## Certify & Route

### Application Documents Information

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

#### Additional Information

(not indicated)

#### Assurance Statement

*Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.*

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

#### Process Application

Is this application ready to be submitted to the sponsor by OSP? N/A

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661874

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A59431  
 Long Title: A Multi-Stock Population Dynamics Framework for the Recovery of Sacramento River Chinook Salmon.  
 Short Title: CV Chinook  
 Last Completed Timestamp: 6/17/2010 10:50 AM  
 Start/End Dates Requested: 3/1/2011 - 2/28/2014  
 Sponsor Deadline: 6/30/2010  
 Application Type: New  
 Sponsor: California Bay-Delta Authority  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 25%

	First Period	Total (all periods)
Total Direct Costs:	238,558	722,526
Total F&A Costs:	56,145	171,612
Total Costs:	294,703	894,138

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
 FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)



**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

Bob Lessard is the contact for this gc1. Email is Robert Lessard and office phone is 206-221-6768

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**Details**

eGC1 Number: A59431  
Full Application Title: A Multi-Stock Population Dynamics Framework for the Recovery of Sacramento River Chinook Salmon.  
Short Title: CV Chinook  
Start/End Dates Requested: 3/1/2011 - 2/28/2014  
Sponsor Deadline: 6/30/2010  
Date Needed From OSP: 6/24/2010  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: NO

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: California Bay-Delta Authority  
Sponsor type: Other State  
Address: Delta Science Program  
Delta Stewardship Council  
650 Capital Mall, 5th Floor  
City, State, ZIP: Sacramento, CA, 95814  
Country: USA  
Contact name: Delta Science Program Solicitation Review System

Contact phone: 916-445-5838  
Contact email: help@solicitation.calwater.ca.gov

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Professor  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
UW box number: 355020  
NetID: rayh  
Phone: +1 206 543-3587  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

**Pre-Award Budget Contact**

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No
Robert B. Lessard	860004422	Key Personnel	AQUATIC&FISHERY SCIENC (2630003000)	No

**Abstract & RFA/RFP**

**UW Abstract**

The purpose of this project is to construct a multi-stock salmon population model and management strategy evaluation (MSE) tool that addresses the cross-linkages between water use and fishery ecosystem response. Recent federal court judgment concluded that insufficient evidence was provided for prescribing specific flow restrictions in two recent conservation measures. The inability to provide adequate evidence was a byproduct of not having the correct quantitative tools at hand. We propose to build these tools by furthering technological developments of previous analyses of Central Valley Chinook population dynamics. Specifically, our work will integrate multiple salmon populations together into a single model that can reconstruct historical population dynamics such that environmental conditions and water resource use can be used as predictors of biological responses of multiple populations. Our goal is to integrate populations into a single model so that the effect of water management and fishery management policies can be examined in light of all fish populations simultaneously. This pertains to the biological interactions between the populations as well as the way in which fisheries impact individual populations depending on growth and maturation rate of each population. All analysis will be framed in the context of historical and proposed water use patterns.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: 2010 Proposal Solicitation  
 Title: Delta Science Program  
 URL: [http://deltacouncil.ca.gov/delta\\_science\\_program/research/psp\\_2010.html](http://deltacouncil.ca.gov/delta_science_program/research/psp_2010.html)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages	103,143	321,054
02	Service Contracts		
03	Other Contractual Services	90,982	272,946
04	Travel	8,000	23,000
05	Supplies and Materials	250	250
06	Equipment	4,000	4,000
07	Retirement and Benefits	22,205	69,198
08	Student Aid	9,978	32,078
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	238,558	722,526

**F&A Costs**

	First Period	Total (all periods)
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Amount Subject to F&A Costs (base)	224,581	686,448
<b>F&amp;A Cost Rate</b>		
F&A Cost Rate		25%
Total F&A Costs	First Period 56,145	Total (all periods) 171,612
Total Costs	First Period 294,703	Total (all periods) 894,138

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0
Robert B. Lessard	2630003000	AQUATIC&FISHERY SCIENC	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 research will be conducted in California with sponsor every winter
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain

RFP allows a maximum of 25% IDC.

[http://deltacouncil.ca.gov/delta\\_science\\_program/research/psp\\_2010.html](http://deltacouncil.ca.gov/delta_science_program/research/psp_2010.html)

- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
Signature form	1	signature_form.pdf	6/16/2010 10:06:57 PM

**Internal documents for OSP**

Description	Version	File Name	Attached On
Proposal text	1	proposal.pdf	6/16/2010 10:08:16 PM

This application is routing electronically

Budget 3 A59431Budget1.xls 6/17/2010 10:48:23 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
Signed PSP Signature Page	1	R_DOC009.PDF	6/17/2010 10:54:01 AM

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Bob Lessard is the contact for this gc1. Email is Robert Lessard and office phone is 206-221-6768

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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66-0071

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A35633  
 Long Title: Biocomplexity, Sustainability, and the Role of Small Populations  
 Short Title: Pew Alaska Salmon  
 Last Completed Timestamp: 10/18/2007 11:41 AM  
 Start/End Dates Requested: 10/1/2007 - 9/30/2008  
 Sponsor Deadline: 10/26/2007  
 Application Type: Non-Competing Renewal  
 Sponsor: University of Miami  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 10% salary & fringe

	First Period	Total (all periods)
Total Direct Costs:	0	121,193
Total F&A Costs:	5,717	6,463
Total Costs:	5,717	127,656

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

NG-3. YES: Application involves flow-through funds.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

Subcontract agreement between the University of Miami and the University of Washington is attached. Sponsor requires 4 original signed copies. Prime award is from the Pew Charitable Trust. Subcontract to be incrementally funded. This award provides for year 2 funding and must be put in new budget, as each year's funds cannot comingle.

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**Details**

eGC1 Number: A35633  
Full Application Title: Biocomplexity, Sustainability, and the Role of Small Populations  
Short Title: Pew Alaska Salmon  
Start/End Dates Requested: 10/1/2007 - 9/30/2008  
Sponsor Deadline: 10/26/2007  
Date Needed From OSP: 10/24/2007  
Sponsor Signed Copies Required: 4  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Renewal  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: University of Miami  
Sponsor type: Private School, College, University  
Address: RSMAS, 4600 Rickenbacker Cswy  
City, State, ZIP: Miami, FL, 33149  
Country: USA  
Contact name: Bonnie Townsend  
Contact phone: 305-421-4084  
Contact email: btownsend@smas.miami.edu



**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: Prime Award number 2005-00746  
 UW Budget Number: (not indicated)  
 Previous eGC1 Number(s): A17723

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jroshan  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Thomas P Quinn	881003486	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Daniel E. Schindler	878002265	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Lorenz Hauser	864007166	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Small populations are harbingers of range expansion and also precursors to extinction. We have a unique opportunity to study a large number of small populations of chinook, chum, pink, coho, and sockeye salmon in Bristol Bay Alaska, where the University of Washington has maintained field stations and data series since the late 1940s. These streams are unique in the combination of long period of data records and the absence of anthropogenic habitat modification, introduced exotic species, or artificial propagation. We propose to explore the dynamics of these small populations to provide insight on 1) how climate change may affect the distribution of salmon, 2) how networks of populations interact, in particular as metapopulations to influence stability and sustainability, 3) how multispecies assemblages differentially use habitat and interact, in particular how rare species interact with dominant species (sockeye salmon in Bristol Bay), 4) the frequency of colonization and extinction, and 5) the dynamics of very small populations as it relates to the dynamics of extinction. We will augment the existing long term abundance trends for 20 streams with more intense monitoring of abundance for 2 seasons, and use molecular genetic tools to determine the connectedness of individual populations and the importance of sources and sinks in population maintenance.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		55,692
02	Contract Personal Services		
03	Other Contractual Services		43,000
04	Travel		3,400
05	Supplies and Materials		2,000
06	Equipment		
07	Retirement and Benefits		8,941
08	Student Aid		8,160
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	121,193

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)	57,166	121,799

**F&A Cost Rate**

F&A Cost Rate 10% salary & fringe

	First Period	Total (all periods)
Total F&A Costs	5,717	6,463

First Period Total (all periods)

Total Costs 5,717 127,656

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0
Thomas P Quinn	2620001000	Sch Aquatic&fishery Sc	\$0
Daniel E. Schindler	2620001000	Sch Aquatic&fishery Sc	\$0
Lorenz Hauser	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Project involves field work in the Bristol Bay Region of Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 Per the prime award, indirect cost are calculated at 10% salary and fringe
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO

FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO

FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

SEC-1. Will any items be transported outside the United States in connection with this project? NO

SEC-2. Will this project potentially be subject to export regulation? NO

SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? YES

Originating Sponsor Name: Pew Charitable Trusts

Originating Sponsor Type: Foundation

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES

AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES

The work involves field sampling of salmon in the Bristol Bay Region of Alaska. The work is approved under protocol 3142-01 - approval date 4/03/07.

AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO

AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
Contract	1	Hilborm - University of Miami.pdf	10/17/2007 3:09:13 PM

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
Application Review Notice	1	Application Review Notice.html	10/22/2007 11:23:13 AM

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Subcontract agreement between the University of Miami and the University of Washington is attached. Sponsor requires 4 original signed copies. Prime award is from the Pew Charitable Trust. Subcontract to be incrementally funded. This award provides for year 2 funding and must be put in new budget, as each year's funds cannot comingle.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-9523

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A59912  
 Long Title: Finding the keys to sustainability in world fisheries  
 Short Title: Sustainable Fisheries  
 Last Completed Timestamp: 7/13/2010 3:08 PM  
 Start/End Dates Requested: 1/1/2011 - 12/31/2011  
 Sponsor Deadline: 9/1/2010  
 Application Type: New  
 Sponsor: Walton Family Foundation  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 15%

	First Period	Total (all periods)
Total Direct Costs:	0	93,256
Total F&A Costs:		6,743
Total Costs:	0	99,999

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

### Compliance Questions

#### Financial and General

FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A59912  
Full Application Title: Finding the keys to sustainability in world fisheries  
Short Title: Sustainable Fisheries  
Start/End Dates Requested: 1/1/2011 - 12/31/2011  
Sponsor Deadline: 9/1/2010  
Date Needed From OSP: (not indicated)  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: NO

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: YES

**Sponsor**

Sponsor name: Walton Family Foundation  
Sponsor type: Foundation  
Address: 919 18th Street, NW, Suite 650  
City, State, ZIP: Washington, DC, 20006  
Country: USA  
Contact name: Scott Burns  
Contact phone: 202-457-9016  
Contact email: sburns@wffmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: (not indicated)  
 Previous eGC1 Number(s): (not indicated)

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Professor  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: +1 206 543-3587  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica Roshan (EIN: 877006544)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 NetID: jroshan  
 Phone: +1 206 616-9521  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@uw.edu

### Pre-Award Budget Contact

Name: Jessica Roshan (EIN: 877006544)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 NetID: jroshan  
 Phone: +1 206 616-9521  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@uw.edu

## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No





Total Costs 0 99,999

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0
Trevor Branch	2630003000	AQUATIC&FISHERY SCIENC	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? NO
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 The Walton Family Foundation has a maximum 15% F&A cost.  
  
[www.waltonfamilyfoundation.org/.../WFF\\_Environment\\_Proposal\\_Instructions.doc](http://www.waltonfamilyfoundation.org/.../WFF_Environment_Proposal_Instructions.doc)
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
Proposal Text	2	Hilborn_Worm_WFF_proposal_2010[1].docx	7/13/2010 3:08:18 PM

**Internal documents for OSP**

Description	Version	File Name	Attached On
Letter from Dalhousie	1	UWashington.pdf	7/13/2010 2:43:45 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
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This application is routing electronically

Signed Cover Sheet and Application Cover Letter to Sponsor	2	R_DOC272.PDF	7/13/2010 3:32:21 PM
Application Cover Letter to Sponsor	1	Application Cover Letter to Sponsor.pdf	7/13/2010 3:24:29 PM
Proposal Instructions	1	WFF Environment Proposal Instructions final 05 10 2010.docx	6/24/2010 3:03:11 PM

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## Certify & Route

### Application Documents Information

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor? Yes, by the PI/research group (i.e., sponsor website)

### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

### Additional Information

(not indicated)

### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

### Process Application

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-9523

This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A59912  
 Long Title: Finding the keys to sustainability in world fisheries  
 Short Title: Sustainable Fisheries  
 Last Completed Timestamp: 7/13/2010 3:08 PM  
 Start/End Dates Requested: 1/1/2011 - 12/31/2011  
 Sponsor Deadline: 9/1/2010  
 Application Type: New  
 Sponsor: Walton Family Foundation  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 15%

	First Period	Total (all periods)
Total Direct Costs:	0	93,256
Total F&A Costs:		6,743
Total Costs:	0	99,999

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Compliance Questions**

**Financial and General**

FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A59912  
Full Application Title: Finding the keys to sustainability in world fisheries  
Short Title: Sustainable Fisheries  
Start/End Dates Requested: 1/1/2011 - 12/31/2011  
Sponsor Deadline: 9/1/2010  
Date Needed From OSP: (not indicated)  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: NO

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: YES

**Sponsor**

Sponsor name: Walton Family Foundation  
Sponsor type: Foundation  
Address: 919 18th Street, NW, Suite 650  
City, State, ZIP: Washington, DC, 20006  
Country: USA  
Contact name: Scott Burns  
Contact phone: 202-457-9016  
Contact email: sburns@wffmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Professor  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
UW box number: 355020  
NetID: rayh  
Phone: +1 206 543-3587  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

### Pre-Award Budget Contact

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No

Trevor Branch      871003551      Key Personnel      AQUATIC&FISHERY SCIENC  
(2630003000)      No

**Abstract & RFA/RFP**

**UW Abstract**

The purpose of this grant is to understand the factors leading to rebuilding of fish stocks thus providing guidance for agencies and consumers on the critical elements of sustainability. Half of the project will be continued development of a data-base on abundance trends in fish stocks, and half of the project will be the analysis of the biological, economic and management factors that lead to rebuilding

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number:      (not indicated)  
 Title:      (not indicated)  
 URL:      (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		35,232
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		9,724
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

FAS Object code	Description	First Period	Total (all periods)
03-62	Dalhousie University		48,300

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	93,256

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		44,956

**F&A Cost Rate**

F&A Cost Rate      15%

	First Period	Total (all periods)
Total F&A Costs		6,743

First Period      Total (all periods)



Total Costs 0 99,999

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0
Trevor Branch	2630003000	AQUATIC&FISHERY SCIENC	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? NO
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES
- Explain  
 The Walton Family Foundation has a maximum 15% F&A cost.  
  
[www.waltonfamilyfoundation.org/.../WFF\\_Environment\\_Proposal\\_Instructions.doc](http://www.waltonfamilyfoundation.org/.../WFF_Environment_Proposal_Instructions.doc)
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
Proposal Text	2	Hilborn_Worm_WFF_proposal_2010[1].docx	7/13/2010 3:08:18 PM

**Internal documents for OSP**

Description	Version	File Name	Attached On
Letter from Dalhousie	1	UWashington.pdf	7/13/2010 2:43:45 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
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This application is routing electronically

Signed Cover Sheet and Application Cover Letter to Sponsor	2	R_DOC272.PDF	7/13/2010 3:32:21 PM
Application Cover Letter to Sponsor	1	Application Cover Letter to Sponsor.pdf	7/13/2010 3:24:29 PM
Proposal Instructions	1	WFF Environment Proposal Instructions final 05 10 2010.docx	6/24/2010 3:03:11 PM

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## Certify & Route

### Application Documents Information

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor? Yes, by the PI/research group (i.e., sponsor website)

### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

#### Additional Information

(not indicated)

#### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

#### Process Application

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-8462

This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A7344  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 4/2/2004 3:27 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2005  
 Sponsor Deadline: 4/15/2004  
 Application Type: Non-Competing Supplement  
 Sponsor: Trident Seafoods Corporation  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26% MTDC

	First Period	Total (all periods)
Total Direct Costs:	0	107,852
Total F&A Costs:		28,042
Total Costs:	0	135,894

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This project is funded by various seafood processors. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A7344  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2005  
Sponsor Deadline: 4/15/2004  
Date Needed From OSP: (not indicated)  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Trident Seafoods Corporation  
Sponsor type: Private Industry  
Address: Various Seafood Industry sponsors list attached  
City, State, ZIP: (not indicated), (not indicated), (not indicated)  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with the financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the declines in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters

of fisheries management. With the high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		107,852

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	107,852

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		107,852

**F&A Cost Rate**

F&A Cost Rate 26% MTDC

	First Period	Total (all periods)
Total F&A Costs		28,042

	First Period	Total (all periods)
Total Costs	0	135,894

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO

Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO
- FG-10. Will this work be subject to export regulation, and/or will it require restriction on information or personnel, or security classification? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? (not indicated)
- SEC-2. Will this project potentially be subject to export regulation? (not indicated)
- SEC-3. Will this project require restriction on information, personnel or security classification? (not indicated)

**Non-Governmental Applications**



- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO
- EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? (not indicated)  
Will sponsor documents be submitted electronically to the sponsor? (not indicated)

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This project is funded by various seafood processors. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A17798  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 6/29/2005 11:14 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 7/31/2005  
Application Type: Non-Competing Supplement  
Sponsor: Trident Seafoods Corporation  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	26,829
Total F&A Costs:		6,976
Total Costs:	0	33,805

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This project is funded by various seafood processors. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A17798  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 7/31/2005  
Date Needed From OSP: 7/31/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: (not indicated)

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Trident Seafoods Corporation  
Sponsor type: Private Industry  
Address: Various Seafood Processors -  
See attached list  
City, State, ZIP: (not indicated), (not indicated), (not indicated)  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 63-8462  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of

fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		26,829

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	26,829

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		26,829

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		6,976

	First Period	Total (all periods)
Total Costs	0	33,805

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO

Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO  
NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO  
EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO  
EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO  
EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO  
HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES  
AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/29/05.  
AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO  
AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? (not indicated)  
Will sponsor documents be submitted electronically to the sponsor? No



**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. YES

**Additional Information**

This project is funded by various seafood processors. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A19904  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 10/11/2005 1:39 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2006  
 Sponsor Deadline: 10/11/2005  
 Application Type: Non-Competing Supplement  
 Sponsor: Peter Pan Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	24,142
Total F&A Costs:		6,277
Total Costs:	0	30,419

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This GC1 was requested by OSP. Please route to Will Preiss.

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**Details**

eGC1 Number: A19904  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 10/11/2005  
Date Needed From OSP: 10/11/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Peter Pan Seafoods, Inc.  
Sponsor type: Private Industry  
Address: The Tenth Floor  
2200 Sixth Avenue  
City, State, ZIP: Seattle, WA, 98121-1820  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

---

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s; 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and; 3) assist salmon processors by providing a second opinion on the matters

of fisheries management. With high levels of production since the 1980s, our primary objectives now are to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		24,142

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	24,142

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		24,142

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		6,277

	First Period	Total (all periods)
Total Costs	0	30,419

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO

Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Enviromental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/20/95.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor?

No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects

YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?

DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1.

YES

**Additional Information**

This GC1 was requested by OSP. Please route to Will Preiss.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.

(not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP?

---



Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A19906  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 10/11/2005 1:46 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2005  
 Sponsor Deadline: 10/11/2005  
 Application Type: Non-Competing Supplement  
 Sponsor: Alaska General Seafoods  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	14,444
Total F&A Costs:		3,755
Total Costs:	0	18,199

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This GC1 was requested by OSP. Please route to Will Preiss.

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**Details**

eGC1 Number: A19906  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2005  
Sponsor Deadline: 10/11/2005  
Date Needed From OSP: 10/11/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Alaska General Seafoods  
Sponsor type: Private Industry  
Address: 6425 NE 175th Street  
City, State, ZIP: Kenmore, WA, 98028-4808  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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## Abstract & RFA/RFP

### UW Abstract

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s; 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and; 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to maintain the high production and

provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		14,444

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	0	14,444

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)
		14,443

**F&A Cost Rate**

F&A Cost Rate 26%

Total F&A Costs	First Period	Total (all periods)
		3,755

Total Costs	First Period	Total (all periods)
	0	18,199

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES

AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES

Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/29/05

AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO

AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. YES

**Additional Information**

This GC1 was requested by OSP. Please route to Will Preiss.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

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#### Application Details

eGC1 Number:	A19907
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	10/11/2005 1:51 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2006
Sponsor Deadline:	10/11/2005
Application Type:	Non-Competing Supplement
Sponsor:	Yardarm Knot, Inc.
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

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#### Principal Investigator

Name: Ray Hilborn

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#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	5,114
Total F&A Costs:		1,330
Total Costs:	0	6,444

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#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

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#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications



(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

---

**eGC1 Comments**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

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**Details**

eGC1 Number: A19907  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 10/11/2005  
Date Needed From OSP: 10/11/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Yardarm Knot, Inc.  
Sponsor type: Private Industry  
Address: 3600 - 15th Ave W. Suite 300  
City, State, ZIP: Seattle, WA, 98119  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

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## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

## Abstract & RFA/RFP

### UW Abstract

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s; 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and; 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to maintain the high production and

provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		5,114

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	5,114

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		5,114

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		1,330

	First Period	Total (all periods)
Total Costs	0	6,444

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 The work will be done in the Bristol Bay Region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES

AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES

Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/29/05.

AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO

AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. YES

**Additional Information**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A19908  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 10/11/2005 1:55 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2006  
 Sponsor Deadline: 10/11/2005  
 Application Type: Supplement and Extension  
 Sponsor: Ocean Beauty Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	9,756
Total F&A Costs:		2,537
Total Costs:	0	12,293

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

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**Details**

eGC1 Number: A19908  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 10/11/2005  
Date Needed From OSP: 10/11/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Ocean Beauty Seafoods, Inc.  
Sponsor type: Private Industry  
Address: Naknek Facility,  
P.O. Box 162  
City, State, ZIP: Naknek, AK, 99633  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)



**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 63-8462  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s; 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and; 3) assist salmon processors by providing a second opinion on the matters

of fisheries management. With high levels of production since the 1980s, our primary objectives now are to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		9,756

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	9,756

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		9,756

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		2,537

	First Period	Total (all periods)
Total Costs	0	12,293

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO

Committed: NO

Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region of Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

### Environmental Health and Safety

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/29/05.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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## Attached Documents

### Documents to be Submitted to Sponsor

No attachments have been associated

### Internal documents for OSP

No attachments have been associated

### Internal documents for Dept/School/College

No attachments have been associated

### Connected Budget Data

No attachments have been associated

### Documents Uploaded by OSP

No attachments have been associated

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## Certify & Route

### Application Documents Information

- Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor?

No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects

YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?

DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1.

YES

**Additional Information**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.

(not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP?

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Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A19917
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	10/11/2005 1:59 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2006
Sponsor Deadline:	10/11/2005
Application Type:	Non-Competing Supplement
Sponsor:	Leader Creek Fisheries, LLC
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	3,779
Total F&A Costs:		982
Total Costs:	0	4,761

#### Cost Sharing

Total Cost Sharing:	Total (all periods) \$0
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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

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**Details**

eGC1 Number: A19917  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2006  
Sponsor Deadline: 10/11/2005  
Date Needed From OSP: 10/11/2005  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Leader Creek Fisheries, LLC  
Sponsor type: Private Industry  
Address: Leader Creek Fisheries, Inc.  
122 N. 84th Street  
City, State, ZIP: Seattle, WA, 98103  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 63-8262  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s; 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and; 3) assist salmon processors by providing a second opinion on the matters



of fisheries management. With high levels of production since the 1980s, our primary objectives now are to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		3,779

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	3,779

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		3,779

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		982

	First Period	Total (all periods)
Total Costs	0	4,761

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO

Committed: NO

Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 The work will be done in the Bristol Bay region of Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO  
NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO  
EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO  
EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO  
EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO  
HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES  
AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 4/29/05.  
AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO  
AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor?

No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects

YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?

DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1.

YES

**Additional Information**

This GC-1 was specifically requested by OSP. Please route to Will Preiss.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.

(not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP?

---

Form eGC1

**UNIVERSITY OF WASHINGTON**  
Request for Approval of Application for Grant or Contract

**Application Details**

eGC1 Number: A28737  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 4:29 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Trident Seafoods Corporation  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	22,348
Total F&A Costs:		5,811
Total Costs:	0	28,159

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

---

**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

---

**Details**

eGC1 Number: A28737  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Trident Seafoods Corporation  
Sponsor type: Private Industry  
Address: 5303 Shilshole Avenue NW  
City, State, ZIP: Seattle, WA, 98107-4000  
Country: USA  
Contact name: (not indicated)

Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A17798

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: T-COMP & SOFTWARE SYS (6350001000)  
Title: Administrator-program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946

with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		22,348

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	22,348

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		22,348

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		5,811

	First Period	Total (all periods)
Total Costs	0	28,159

**Cost Sharing**

**Cost Sharing Type(s)**



Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 work will be done in the Bristol Bay region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 - approval date 04/13/06
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number: A28748  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 4:25 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Peter Pan Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	17,178
Total F&A Costs:		4,466
Total Costs:	0	21,644

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with dublicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28748  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Peter Pan Seafoods, Inc.  
Sponsor type: Private Industry  
Address: The Tenth Floor  
2200 Sixth Avenue  
City, State, ZIP: Seattle, WA, 98121-1820  
Country: USA  
Contact name: Norm Van Vactor

Contact phone: 206-543-7628  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A19904

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946

with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		17,178

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	17,178

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		17,178

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		4,466

	First Period	Total (all periods)
Total Costs	0	21,644

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES
  - Location
  - Other - US site (explain)
  - Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**



- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

#### Environmental Health and Safety

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A28749  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 4:39 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Alaska General Seafoods  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	11,711
Total F&A Costs:		3,045
Total Costs:	0	14,756

**Cost Sharing**

Total Cost Sharing: Total (all periods)  
\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28749  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Alaska General Seafoods  
Sponsor type: Private Industry  
Address: 6425 NE 175th Street  
City, State, ZIP: Kenmore, WA, 98028-4808  
Country: USA  
Contact name: Gordon Lindquist

Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A19906

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946

with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		11,711

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	11,711

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		11,711

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		3,045

	First Period	Total (all periods)
Total Costs	0	14,756

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**



Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
Request for Approval of Application for Grant or Contract

**Application Details**

eGC1 Number: A28751  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 4:08 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Yardarm Knot, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	5,883
Total F&A Costs:		1,530
Total Costs:	0	7,413

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. PLEASE NOTE - Two CHECKS HAVE BEEN RECEIVED FOR THIS SUPPLEMENT. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28751  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Yardarm Knot, Inc.  
Sponsor type: Private Industry  
Address: 3600 15th Ave W  
Suite 300  
City, State, ZIP: Seattle, WA, 98119  
Country: USA

Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A19907

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		5,883

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	5,883

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		5,883

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		1,530

	First Period	Total (all periods)
Total Costs	0	7,413

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
  - AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
  - AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
  - AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. PLEASE NOTE - Two CHECKS HAVE BEEN RECEIVED FOR THIS SUPPLEMENT. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A



Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A28753
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	12/18/2006 4:02 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2007
Sponsor Deadline:	12/19/2006
Application Type:	Non-Competing Supplement
Sponsor:	Ocean Beauty Seafoods, Inc.
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	8,610
Total F&A Costs:		2,238
Total Costs:	0	10,848

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with dublicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28753  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Ocean Beauty Seafoods, Inc.  
Sponsor type: Private Industry  
Address: Naknek Facility  
P.O. Box 162  
City, State, ZIP: Naknek, AK, 99633  
Country: USA

Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A19908

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		8,610

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	8,610

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		8,610

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		2,238

	First Period	Total (all periods)
Total Costs	0	10,848

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A28756  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 2:30 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Leader Creek Fisheries, LLC  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	5,679
Total F&A Costs:		1,476
Total Costs:	0	7,155

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**



(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor and payment is complete. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28756  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Leader Creek Fisheries, LLC  
Sponsor type: Private Industry  
Address: 122 N. 84th Street  
City, State, ZIP: Seattle, WA, 98103  
Country: USA  
Contact name: (not indicated)

Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946

with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		5,679

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	5,679

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		1,476

	First Period	Total (all periods)
Total Costs	0	7,155

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
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- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
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**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
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- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor and payment is complete. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A28758
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	12/7/2006 6:44 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2007
Sponsor Deadline:	12/19/2006
Application Type:	Non-Competing Supplement
Sponsor:	Snopac Products
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,160
Total F&A Costs:		302
Total Costs:	0	1,462

#### Cost Sharing

Total Cost Sharing:	Total (all periods) \$0
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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

---

**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with dublicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28758  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Snopac Products  
Sponsor type: Private Industry  
Address: 5053 East Marginal Way South  
City, State, ZIP: Seattle, WA, 98134  
Country: USA  
Contact name: (not indicated)



Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A19918

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946

with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		1,160

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,160

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		1,160

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
Total F&A Costs		302

	First Period	Total (all periods)
Total Costs	0	1,462

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

#### Environmental Health and Safety

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A28759
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	12/7/2006 6:54 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2007
Sponsor Deadline:	12/19/2006
Application Type:	Non-Competing Supplement
Sponsor:	Icicle Seafoods, Inc.
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	12,445
Total F&A Costs:		3,236
Total Costs:	0	15,681

#### Cost Sharing

Total Cost Sharing:	Total (all periods) \$0
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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with dublicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28759  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Icicle Seafoods, Inc.  
Sponsor type: Private Industry  
Address: 4019 - 21st Ave. W  
City, State, ZIP: Seattle, WA, 98199  
Country: USA  
Contact name: (not indicated)

Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946



with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		12,445

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	0	12,445

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)
		12,445

**F&A Cost Rate**

F&A Cost Rate		26%
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Total F&A Costs	First Period	Total (all periods)
		3,236

Total Costs	First Period	Total (all periods)
	0	15,681

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A28760  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 12/18/2006 2:16 PM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2007  
 Sponsor Deadline: 12/19/2006  
 Application Type: Non-Competing Supplement  
 Sponsor: Norquest Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	7,950
Total F&A Costs:		2,067
Total Costs:	0	10,017

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28760  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Norquest Seafoods, Inc.  
Sponsor type: Private Industry  
Parent sponsor name: Trident Seafoods Corporation  
Address: 5245 Shilshoe N.W.  
City, State, ZIP: Seattle, WA, 98107-4000  
Country: USA

Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		7,950

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	0	7,950

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)
		7,950

**F&A Cost Rate**

F&A Cost Rate		26%
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Total F&A Costs	First Period	Total (all periods)
		2,067

Total Costs	First Period	Total (all periods)
	0	10,017

**Cost Sharing**



**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
  - AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
  - AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
  - AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. Two checks have been received from this sponsor. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A28761
Long Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Last Completed Timestamp:	12/18/2006 1:22 PM
Start/End Dates Requested:	4/1/1997 - 3/31/2007
Sponsor Deadline:	12/19/2006
Application Type:	Non-Competing Supplement
Sponsor:	Coffee Point Seafoods of Washington LLC
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,968
Total F&A Costs:		512
Total Costs:	0	2,480

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. There are 2 checks from this sponsor so far. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A28761  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2007  
Sponsor Deadline: 12/19/2006  
Date Needed From OSP: 12/18/2006  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Coffee Point Seafoods of Washington LLC  
Sponsor type: Private Industry  
Address: Coffee Point Seafoods of Washington LLC  
3625 First Avenue South  
City, State, ZIP: Seattle, WA, 98134  
Country: USA

Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		1,968

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,968

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		1,968

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		512

	First Period	Total (all periods)
Total Costs	0	2,480

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Bristol Bay region in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO



**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01 – approval date 4/13/06.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. There are 2 checks from this sponsor so far. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
Request for Approval of Application for Grant or Contract

**Application Details**

eGC1 Number: A35917  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/7/2007 8:33 AM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2008  
 Sponsor Deadline: 11/16/2007  
 Application Type: Non-Competing Supplement  
 Sponsor: Peter Pan Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	17,589
Total F&A Costs:	0	4,573
Total Costs:	0	22,162

**Cost Sharing**

Total Cost Sharing:	Total (all periods) \$0
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**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35917  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Peter Pan Seafoods, Inc.  
Sponsor type: Private Industry  
Address: The Tenth Floor  
2200 Sixth Avenue  
City, State, ZIP: Seattle, WA, 98121-1820  
Country: USA  
Contact name: Dale Schwarzmilller

Contact phone: 206 728-5999  
Contact email: dalesc@ppsf.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28748

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		17,589

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	0	17,589

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs	0	4,573
	First Period	Total (all periods)
Total Costs	0	22,162

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO

FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO

FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

SEC-1. Will any items be transported outside the United States in connection with this project? NO

SEC-2. Will this project potentially be subject to export regulation? NO

SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES

AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES

UW-ASP research camps  
Bristol Bay, AK  
3142-01  
4-3-07

AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO

AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
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This application is routing electronically

Payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 11:11:05 AM
Scope of work	1	Bristol Bay Scope of Work.doc	11/5/2007 11:10:48 AM

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application?	YES
Will sponsor documents be submitted electronically to the sponsor?	No

#### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects	YES
--	-----

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?	DOES NOT
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The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1.	(not indicated)
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#### Additional Information

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

#### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.	YES
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#### Process Application

Is this application ready to be submitted to the sponsor by OSP?	(not indicated)
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Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35918  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/7/2007 8:32 AM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2008  
 Sponsor Deadline: 11/16/2007  
 Application Type: Non-Competing Supplement  
 Sponsor: Alaska General Seafoods  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	9,367
Total F&A Costs:	0	2,435
Total Costs:	0	11,802

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35918  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/5/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Alaska General Seafoods  
Sponsor type: Private Industry  
Address: 6425 NE 175th Street  
City, State, ZIP: Kenmore, WA, 98028-4808  
Country: USA  
Contact name: Gordon Lindquist  
Contact phone: 425 485-7755

Contact email: gordon@akgen.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28749

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		9,367

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

Total Direct Costs	First Period	Total (all periods)
	0	9,367

**F&A Costs**

Amount Subject to F&A Costs (base)	First Period	Total (all periods)

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)

Total F&A Costs	0	2,435
	First Period	Total (all periods)
Total Costs	0	11,802

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-ASP research camps  
 Bristol Bay, AK  
 3142-01  
 4-3-07
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 11:21:47 AM
Scope of work	1	Bristol Bay Scope of Work.doc	11/5/2007 11:21:31 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES

Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)



Form eGC1

**UNIVERSITY OF WASHINGTON**  
Request for Approval of Application for Grant or Contract

**Application Details**

eGC1 Number: A35919  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/7/2007 8:31 AM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2008  
 Sponsor Deadline: 11/16/2007  
 Application Type: Non-Competing Supplement  
 Sponsor: Yardarm Knot, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	5,698
Total F&A Costs:	0	1,481
Total Costs:	0	7,179

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35919  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Yardarm Knot, Inc.  
Sponsor type: Private Industry  
Address: 3600 15th Ave. W., Suite 300  
City, State, ZIP: Seattle, WA, 98119  
Country: USA  
Contact name: Lorena Rosenberger  
Contact phone: 206 -216-0220

Contact email: lorena@yardarm.net

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28751

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

This application is routing electronically

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

## Abstract & RFA/RFP

### UW Abstract

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

### Request for Application/Proposal or Program Announcement

RFA/RFP/PA Number: (not indicated)  
Title: (not indicated)  
URL: (not indicated)

## Budget

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		5,698

### Other Object Codes

(not indicated)

### Subcontracts

(not indicated)

### Total Direct Costs

	First Period	Total (all periods)
Total Direct Costs	0	5,698

### F&A Costs

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

### F&A Cost Rate

F&A Cost Rate		26%
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	First Period	Total (all periods)
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Total F&A Costs	0	1,481
	First Period	Total (all periods)
Total Costs	0	7,179

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-ASP research camps  
 Bristol Bay, AK  
 3142-01  
 4-3-07
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 11:28:37 AM
Scope of work	1	Bristol Bay Scope of Work.doc	11/5/2007 11:28:20 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

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**Application Details**

eGC1 Number: A35921  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 11/7/2007 8:31 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Application Type: Non-Competing Supplement  
Sponsor: Ocean Beauty Seafoods, Inc.  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

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**Principal Investigator**

Name: Ray Hilborn

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**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	8,689
Total F&A Costs:	0	2,259
Total Costs:	0	10,948

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**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

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**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

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**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**



(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35921  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Ocean Beauty Seafoods, Inc.  
Sponsor type: Private Industry  
Address: 1100 W. Ewing St.  
City, State, ZIP: Seattle, WA, 98119  
Country: USA  
Contact name: Ron Nebert  
Contact phone: 206 285-6800

Contact email: ron.nebert@oceanbeauty.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28753

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		8,689

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	8,689

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate		26%
	First Period	Total (all periods)

Total F&A Costs	0	2,259
	First Period	Total (all periods)
Total Costs	0	10,948

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES
- UW-ASP research camps  
Bristol Bay, AK  
3142-01  
4-3-07
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 11:43:54 AM
SOW	1	Bristol Bay Scope of Work.doc	11/5/2007 11:43:40 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35922  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/7/2007 8:30 AM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2008  
 Sponsor Deadline: 11/16/2007  
 Application Type: Non-Competing Supplement  
 Sponsor: Leader Creek Fisheries, LLC  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	9,069
Total F&A Costs:	0	2,358
Total Costs:	0	11,427

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35922  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Leader Creek Fisheries, LLC  
Sponsor type: Private Industry  
Address: 122 North 84th St.  
City, State, ZIP: Seattle, WA, 98103  
Country: USA  
Contact name: John Lowrance  
Contact phone: 206 782-5456



Contact email: jmlowrance@yahoo.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28756

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

## Abstract & RFA/RFP

### UW Abstract

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

### Request for Application/Proposal or Program Announcement

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

## Budget

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		9,069

### Other Object Codes

(not indicated)

### Subcontracts

(not indicated)

### Total Direct Costs

Total Direct Costs	First Period	Total (all periods)
	0	9,069

### F&A Costs

Amount Subject to F&A Costs (base)	First Period	Total (all periods)

### F&A Cost Rate

F&A Cost Rate		26%
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	First Period	Total (all periods)

Total F&A Costs	0	2,358
	First Period	Total (all periods)
Total Costs	0	11,427

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES
- UW-ASP research camps  
Bristol Bay, AK  
3142-01  
4-3-07
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 1:43:15 PM
SOW	1	Bristol Bay Scope of Work.doc	11/5/2007 1:43:01 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35924  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 11/7/2007 8:29 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Application Type: Non-Competing Supplement  
Sponsor: Snopac Products  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,112
Total F&A Costs:	0	289
Total Costs:	0	1,401

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35924  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Snopac Products  
Sponsor type: Private Industry  
Address: 5053 East Marginal Way South  
City, State, ZIP: Seattle, WA, 98134  
Country: USA  
Contact name: Greg Blakey  
Contact phone: 206 764-9230

Contact email: gblakey@snopac.net

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28758

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**



Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		1,112

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,112

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate		26%
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	First Period	Total (all periods)
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Total F&A Costs	0	289
	First Period	Total (all periods)
Total Costs	0	1,401

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES

  - AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-ASP research camps  
 Bristol Bay, AK  
 3142-01  
 4-3-07
  - AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
  - AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 2:05:57 PM
Statement of work	1	Bristol Bay Scope of Work.doc	11/5/2007 2:05:41 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35925  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/7/2007 8:29 AM  
 Start/End Dates Requested: 4/1/1997 - 3/31/2008  
 Sponsor Deadline: 11/16/2007  
 Application Type: Non-Competing Supplement  
 Sponsor: Icicle Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	12,461
Total F&A Costs:	0	3,239
Total Costs:	0	15,700

**Cost Sharing**

Total Cost Sharing:	Total (all periods) \$0
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**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

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**Details**

eGC1 Number: A35925  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Icicle Seafoods, Inc.  
Sponsor type: Private Industry  
Address: PO Box 79003  
City, State, ZIP: Seattle, WA, 98119  
Country: USA  
Contact name: Warner Lew  
Contact phone: 206 282-0988

Contact email: warnel@icicleseafoods.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28759

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		12,461

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	12,461

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
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Total F&A Costs	0	3,239
	First Period	Total (all periods)
Total Costs	0	15,700

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-AK Salmon Program research camps  
 Bristol Bay, AK  
 3142-01  
 April 3, 2007
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 2:11:18 PM
Statement of work	1	Bristol Bay Scope of Work.doc	11/5/2007 2:11:00 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

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#### Application Details

eGC1 Number: A35926  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 11/7/2007 8:28 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Application Type: Non-Competing Supplement  
Sponsor: Norquest Seafoods, Inc.  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

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#### Principal Investigator

Name: Ray Hilborn

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#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	7,581
Total F&A Costs:	0	1,971
Total Costs:	0	9,552

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#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

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#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

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**Details**

eGC1 Number: A35926  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Norquest Seafoods, Inc.  
Sponsor type: Private Industry  
Parent sponsor name: Trident Seafoods Corporation  
Address: 5245 Shilshole Ave NW  
City, State, ZIP: Seattle, WA, 98107-4000  
Country: USA

Contact name: Michelle Woodrelle  
Contact phone: 206 281-7023  
Contact email: mwoodrell@norquest.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28760

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		7,581

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	7,581

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate			26%
		First Period	Total (all periods)
Total F&A Costs		0	1,971
		First Period	Total (all periods)
Total Costs		0	9,552

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO



FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO

FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

SEC-1. Will any items be transported outside the United States in connection with this project? NO

SEC-2. Will this project potentially be subject to export regulation? NO

SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? YES

AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES

UW-ASP research camps  
Bristol Bay, AK  
3142-01  
4-3-07

AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO

AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
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This application is routing electronically

payment schedule	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 2:26:03 PM
Scope of work	1	Bristol Bay Scope of Work.doc	11/5/2007 2:25:38 PM

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application?	YES
Will sponsor documents be submitted electronically to the sponsor?	No

#### Significant Financial Interest (SFI)

##### Escalation of PI Certification

##### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects	YES
--	-----

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?	DOES NOT
--	----------

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1.	(not indicated)
--	-----------------

#### Additional Information

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached. IMPORTANT! PLEASE MAKE SURE THERE IS A GCA NOTE ON THE NEA TO ROUTE THIS THROUGH ACCOUNTS RECEIVABLE.

#### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.	YES
--	-----

#### Process Application

Is this application ready to be submitted to the sponsor by OSP?	(not indicated)
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Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

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#### Application Details

eGC1 Number: A35927  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 11/7/2007 8:27 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Application Type: Non-Competing Supplement  
Sponsor: Coffee Point Seafoods of Washington LLC  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

---

#### Principal Investigator

Name: Ray Hilborn

---

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	2,065
Total F&A Costs:	0	537
Total Costs:	0	2,602

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#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

---

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

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#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

---

**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

---

**Details**

eGC1 Number: A35927  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2008  
Sponsor Deadline: 11/16/2007  
Date Needed From OSP: 11/15/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Coffee Point Seafoods of Washington LLC  
Sponsor type: Private Industry  
Address: EE-Foods  
3625 1st Ave S  
City, State, ZIP: Seattle, WA, 98134  
Country: USA  
Contact name: Tab Goto

Contact phone: 206 768-8979  
Contact email: tab@eefoods.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28761

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		2,065

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	2,065

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs	0	537
	First Period	Total (all periods)
Total Costs	0	2,602

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO

- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-ASP research camps  
 Bristol Bay, AK  
 3142-01  
 4-3-07
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
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This application is routing electronically

payment schedule (EE Foods is Coffee Point Seafoods)	1	Bristol Bay Payment Schedule 2007-08 season.xls	11/5/2007 2:42:39 PM
Scope of work	1	Bristol Bay Scope of Work.doc	11/5/2007 2:41:59 PM

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application?	YES
Will sponsor documents be submitted electronically to the sponsor?	No

#### Significant Financial Interest (SFI)

##### Escalation of PI Certification

##### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects	YES
--	-----

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?	DOES NOT
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The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1.	(not indicated)
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#### Additional Information

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type--in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from the various seafood processors is attached.

#### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.	YES
--	-----

#### Process Application

Is this application ready to be submitted to the sponsor by OSP?	(not indicated)
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Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

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#### Application Details

eGC1 Number: A39996  
Long Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Last Completed Timestamp: 4/25/2008 11:47 AM  
Start/End Dates Requested: 4/1/1997 - 3/31/2009  
Sponsor Deadline: 5/1/2008  
Application Type: Non-Competing Supplement  
Sponsor: Leader Creek Fisheries, LLC  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

---

#### Principal Investigator

Name: Ray Hilborn

---

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	9,069
Total F&A Costs:	0	2,358
Total Costs:	0	11,427

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#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

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#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

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#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

---

**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type -- in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the reeaserch effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like pay in advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from various seafood processors is attached.

---

**Details**

eGC1 Number: A39996  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 3/31/2009  
Sponsor Deadline: 5/1/2008  
Date Needed From OSP: 4/30/2008  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Leader Creek Fisheries, LLC  
Sponsor type: Private Industry  
Address: 122 North 84th St.  
City, State, ZIP: Seattle, WA, 98103  
Country: USA  
Contact name: John Lowrance  
Contact phone: 206 782-5456

Contact email: jmlowrance@yahoo.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A35922, A28756

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

---

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		9,069

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	9,069

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

	First Period	Total (all periods)
F&A Cost Rate		26%

Total F&A Costs	0	2,358
	First Period	Total (all periods)
Total Costs	0	11,427

### Cost Sharing

#### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

#### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

#### UW Cost Sharing (Other)

(not indicated)

#### Third Party Cost Sharing

(not indicated)

#### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

#### Total Cost Sharing

(not indicated)

### Compliance Questions and Explanations

#### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project takes palce in the watersheds of Bristol bay, Alaska and in meetings with industry typically held is processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 UW-ASP research camps  
 Bristo Bay, AK  
 3142-01  
 4/11/08
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
scope of work	1	Bristol_Bay_Scope_of_Work[1].doc	4/24/2008 9:30:40 AM
payment schedule	2	Bristol_Bay_Payment_Schedule_2008 season.xls	4/25/2008 11:46:50 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type -- in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the reeaserch effort. In an effort to avoid problems that have occurred in the past with duplicate credits, the dept. wants to now treat this account like pay in advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A54009  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 11/12/2009 2:49 PM  
 Start/End Dates Requested: 4/1/1997 - 12/31/2010  
 Sponsor Deadline: 11/10/2009  
 Application Type: Supplement and Extension  
 Sponsor: Peter Pan Seafoods, Inc.  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	13,988
Total F&A Costs:	0	3,637
Total Costs:	0	17,625

**Cost Sharing**

Total Cost Sharing:	Total (all periods)
	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type, in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. To avoid problems such as duplicate credits, the department wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from various seafood processors is attached.

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**Details**

eGC1 Number: A54009  
Full Application Title: Bristol Bay Salmon  
Short Title: Bristol Bay 3  
Start/End Dates Requested: 4/1/1997 - 12/31/2010  
Sponsor Deadline: 11/10/2009  
Date Needed From OSP: 11/9/2009  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Peter Pan Seafoods, Inc.  
Sponsor type: Private Industry  
Address: the Tenth Floor  
2200 Sixth Avenue  
City, State, ZIP: seattle, WA, 98121-1820  
Country: USA  
Contact name: Dale Scharzmilller

Contact phone: 206-728-5999  
Contact email: dalesc@ppsf.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28748

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		13,988

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	13,988

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate		26%
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Total F&A Costs	First Period	Total (all periods)
	0	3,637
Total Costs	First Period	Total (all periods)
	0	17,625

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted in the watersheds of Bristol Bay, Alaska and in meetings with industry which are typically held in processing plants in Bristol Bay.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO

- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Enviromental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 Bristol Bay, AK  
 3142-01  
 3/31/2009
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
copy of check	1	copy of check.pdf	11/12/2009 2:48:58 PM
(not indicated)	1	2009BBProcessorPaymentSheet1.xls	10/23/2009 3:11:22 PM
(not indicated)	1	Scope of Work.pdf	10/23/2009 3:04:54 PM

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

This is one of several sponsors on the existing budget #63-8462. This is a scheduled pay budget-type, in which each year various seafood processors sign agreement letters which are the basis for their company's annual contribution to the research effort. To avoid problems such as duplicate credits, the department wants to now treat this account like Pay in Advance, whereby supplemental NEAs will be done as checks are received. Anticipated schedule of payments from various seafood processors is attached.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A65226  
 Long Title: Bristol Bay Salmon  
 Short Title: Bristol Bay 3  
 Last Completed Timestamp: 2/11/2011 1:33 PM  
 Start/End Dates Requested: 4/1/2011 - 3/31/2013  
 Sponsor Deadline: 2/17/2011  
 Application Type: Supplement and Extension  
 Sponsor: Peter Pan Seafoods, Inc.  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26.0%

	First Period	Total (all periods)
Total Direct Costs:	0	13,068
Total F&A Costs:	0	3,398
Total Costs:	0	16,466

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**



(not indicated)

#### Environmental Health and Safety

(not indicated)

#### Human Subjects and Stem Cells

(not indicated)

#### Animal Use

AC-1. YES: Application involves the use of vertebrate animals.

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#### eGC1 Comments

No comments currently entered.

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#### Details

eGC1 Number:	A65226
Full Application Title:	Bristol Bay Salmon
Short Title:	Bristol Bay 3
Start/End Dates Requested:	4/1/2011 - 3/31/2013
Sponsor Deadline:	2/17/2011
Date Needed From OSP:	1/31/2011
Sponsor Signed Copies Required:	0
Sponsor Unsigned Copies Required:	(not indicated)

#### Organization Code Receiving Funding

Organization Code Receiving Funding:	AQUATIC&FISHERY SCIENC (2630003000)
Box Number For Official Correspondence:	355020

#### Application Type

Application Type:	Supplement and Extension
After the Fact Application:	YES

#### Project Details

Project Type:	Grant
Funding Type:	Research: Applied
International Projects:	NO

#### Sponsor

Sponsor name:	Peter Pan Seafoods, Inc.
Sponsor type:	Private Industry
Address:	2200 Sixth Ave, the 10th Floor
City, State, ZIP:	Seattle, WA, 98121-1820
Country:	USA
Contact name:	Dale Scharzmilller
Contact phone:	(not indicated)
Contact email:	(not indicated)

#### Additional Information for Existing Application or Award (if applicable)

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-8462  
Previous eGC1 Number(s): A28748, A54009

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## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Professor  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
UW box number: 355020  
NetID: rayh  
Phone: +1 206 543-3587  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

### Pre-Award Budget Contact

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Research Scientist/engineer 4  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: cboat  
Phone: +1 206 543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Bristol Bay, Alaska produces 50% of the world's supply of sockeye salmon. The Alaska Salmon research program was established in 1946 with financial support of major Alaska salmon processors. There were three principal objectives: 1) investigate the causes of the decline in production that has occurred in most stocks since the 1930s 2) work with government management agencies to increase our knowledge of the biology of salmon and the effects of the fisheries on stocks, and 3) assist salmon processors by providing a second opinion on the matters of fisheries management. With high levels of production since the 1980s, our primary objectives now are to determine how to maintain the high production and provide information so that the salmon can be harvested and processed most efficiently by accurately forecasting the run and facilitating even distribution of fishing throughout the run.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		13,068

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	13,068

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26.0%

	First Period	Total (all periods)
Total F&A Costs	0	3,398

	First Period	Total (all periods)
Total Costs	0	16,466

## Cost Sharing

### Cost Sharing Type(s)

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

### Personnel Cost Sharing

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0

### UW Cost Sharing (Other)

(not indicated)

### Third Party Cost Sharing

(not indicated)

### Unrecovered F&A Costs (if counted as Cost Sharing)

(not indicated)

### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

### Total Cost Sharing

(not indicated)

## Compliance Questions and Explanations

### Financial and General

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 This project is conducted primarily by meetings with industry in the processing plants of Bristol Bay, Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

### Security and Export Control

- SEC-1. Will any items be transported outside the United States in connection with this project? NO  
 SEC-2. Will this project potentially be subject to export regulation? NO  
 SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO  
 NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO  
 NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO  
 EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO  
 EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO  
 EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO  
 HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES  
 AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 Bristol Bay, AK  
 3142-01  
 3/31/2011  
 currently being renewed  
 AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO  
 AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
(not indicated)	1	Scope of Work.doc	2/8/2011 4:08:15 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

---

63-5772

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A59164  
 Long Title: Reducing foregone harvent by shanging in-season Management  
 Short Title: Foregone Harvest  
 Last Completed Timestamp: 5/26/2010 6:05 PM  
 Start/End Dates Requested: 10/1/2010 - 12/30/2010  
 Sponsor Deadline: 6/2/2010  
 Application Type: Supplement and Extension  
 Sponsor: Bristol Bay Regional Seafood Development Association  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 5%

	First Period	Total (all periods)
Total Direct Costs:	0	35,414
Total F&A Costs:		1,771
Total Costs:	0	37,185

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
 FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A59164  
Full Application Title: Reducing foregone harvent by shanging in-season Management  
Short Title: Foregone Harvest  
Start/End Dates Requested: 10/1/2010 - 12/30/2010  
Sponsor Deadline: 6/2/2010  
Date Needed From OSP: 6/1/2010  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)  
Box Number For Official Correspondence: 357940

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Bristol Bay Regional Seafood Development Association  
Sponsor type: Association & Non-Profits

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-5772  
Previous eGC1 Number(s): 51515



## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Professor  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: +1 206 543-3587  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica Roshan (EIN: 877006544)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 NetID: jroshan  
 Phone: +1 206 616-9521  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@uw.edu

### Pre-Award Budget Contact

Name: Christopher Boatright (EIN: 879006671)  
 Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 Title: Research Scientist/engineer 4  
 Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
 NetID: cboat  
 Phone: +1 206 543-7628  
 Fax: (not indicated)  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: cboat@u.washington.edu

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No

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## Abstract & RFA/RFP

### UW Abstract

This supplement and extention will allow us to continue exploring the potential to modify in-season management of Briston Bay sockeye to

reduce the amount of foregone harvest and increase the economic value of the harvest. We will explore a range of alternatives that could increase the volume and economic value of the harvest, and determine how such changes could be implemented.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		23,668
02	Service Contracts		
03	Other Contractual Services		
04	Travel		2,501
05	Supplies and Materials		3,000
06	Equipment		
07	Retirement and Benefits		6,245
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	35,414

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		35,414

**F&A Cost Rate**

F&A Cost Rate 5%

	First Period	Total (all periods)
Total F&A Costs		1,771

	First Period	Total (all periods)
Total Costs	0	37,185

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Field Stations in Bristol Bay, Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 Sponsors policy is to pay only 5% F&A costs. Policy statement attached to gc1#51515.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
award doc to sign	1	Hilborn award doc.doc	5/26/2010 5:59:30 PM

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? NO
- Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

This application is routing electronically

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A51515  
 Long Title: Reducing foregone harvest by changing in-season management  
 Short Title: foregone harvest  
 Last Completed Timestamp: 7/21/2009 9:12 AM  
 Start/End Dates Requested: 8/15/2009 - 10/15/2009  
 Sponsor Deadline: 8/7/2009  
 Application Type: New  
 Sponsor: Bristol Bay Regional Seafood Development Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 5%

	First Period	Total (all periods)
Total Direct Costs:	0	22,858
Total F&A Costs:		1,143
Total Costs:	0	24,001

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions****Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
 FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

The original proposal was for more money and over 2 years. BBRSDA has offered \$24,000 initially over a period of a few months to make progress on some of the original objectives.

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**Details**

eGC1 Number: A51515  
Full Application Title: Reducing foregone harvest by changing in-season management  
Short Title: foregone harvest  
Start/End Dates Requested: 8/15/2009 - 10/15/2009  
Sponsor Deadline: 8/7/2009  
Date Needed From OSP: 8/6/2009  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Bristol Bay Regional Seafood Development Association  
Sponsor type: Association & Non-Profits  
Address: (not indicated)  
City, State, ZIP: (not indicated), (not indicated), (not indicated)  
Country: (not indicated)  
Contact name: (not indicated)  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: +1 206 543-3587  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 4  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: +1 206 543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
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Ray Hilborn      866007575      Principal Investigator      SCH AQUATIC&FISHERY SC      No  
 (2620001000)

**Abstract & RFA/RFP**

**UW Abstract**

This project would explore the potential to modify in-season management of Bristol Bay sockeye to reduce the amount of foregone harvest and increase the economic value of the harvest. We would explore a range of alternatives (described later) that could increase the volume and economic value of the harvest, and determine how such changes could be implemented

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: <http://www.bbrsda.com/>

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		17,185
02	Service Contracts		
03	Other Contractual Services		1,531
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		4,142
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	22,858

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		22,858

**F&A Cost Rate**

F&A Cost Rate		5%
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	First Period	Total (all periods)
Total F&A Costs		1,143

	First Period	Total (all periods)
Total Costs	0	24,001

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Field Stations in Bristol Bay Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 Sponsors policy is to pay only 5% F&A costs. Policy statement attached to application.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
(not indicated)	1	FRI - Hilborn Agreement .doc	7/10/2009 8:29:37 AM

**Internal documents for OSP**

Description	Version	File Name	Attached On
Sponsors policy F&A	1	Indirect Cost Policy.pdf	7/10/2009 8:36:38 AM
Original proposal	2	Hilborn BBRSDA proposal.doc	7/21/2009 8:12:49 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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## Certify & Route

### Application Documents Information

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

#### Additional Information

The original proposal was for more money and over 2 years. BBRSDA has offered \$24,000 initially over a period of a few months to make progress on some of the original objectives.

#### Assurance Statement

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

#### Process Application

Is this application ready to be submitted to the sponsor by OSP? N/A

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03-446

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A38415  
 Long Title: Finding common ground in marine conservation and management  
 Short Title: Finding common ground  
 Last Completed Timestamp: 3/5/2008 6:24 PM  
 Start/End Dates Requested: 4/1/2008 - 3/31/2009  
 Sponsor Deadline: 3/15/2008  
 Application Type: New  
 Sponsor: University of California, Santa Barbara  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 12.5%

	First Period	Total (all periods)
Total Direct Costs:	0	32,124
Total F&A Costs:		4,016
Total Costs:	0	36,140

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

NG-3. YES: Application involves flow-through funds.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A38415  
Full Application Title: Finding common ground in marine conservation and management  
Short Title: Finding common ground  
Start/End Dates Requested: 4/1/2008 - 3/31/2009  
Sponsor Deadline: 3/15/2008  
Date Needed From OSP: 3/12/2008  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: NO

**Project Details**

Project Type: Grant  
Funding Type: Training: Research  
International Projects: YES

**Sponsor**

Sponsor name: University of California, Santa Barbara  
Sponsor type: Public School, College, University  
Address: Marine Sciences Institute  
University of California Santa Barbara  
City, State, ZIP: Santa Barbara, CA, 93106-6150  
Country: U.S.  
Contact name: Bonnie Williamson  
Contact phone: 805/893-2344  
Contact email: williamson@msi.ucsb.edu

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

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**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

The purpose of the grant is to support a distributed graduate seminar across 6 universities to evaluate the status of marine ecosystems and fish stocks and find common ground between ecologists and fisheries scientists. The funding will support a staff person to coordinate the communication between the seminars.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		24,960
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		7,164
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	32,124

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		32,124

**F&A Cost Rate**

F&A Cost Rate		12.5%
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	First Period	Total (all periods)
Total F&A Costs		4,016

	First Period	Total (all periods)
Total Costs	0	36,140

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**



Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

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**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? NO
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES
- Explain
- This will be a subcontract from UCSB on funds from the Gordon and Betty Moore Foundation. The GBMF only pays 12.5% indirect costs on contracts and none on sub-contracts. Letter from sponsor regarding indirect costs is attached to this GC1.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? YES

Originating Sponsor Name: Gordon and Betty Moore Foundation

Originating Sponsor Type:

Foundation

**Enviromental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
subrecipient form	1	Subrecipient commitment form.doc	3/5/2008 9:58:51 AM

**Internal documents for OSP**

Description	Version	File Name	Attached On
proposal	1	Hilborn proposal.doc	3/5/2008 12:36:49 PM
sponsor indirect cost letter	1	Moore indirect cost letter.doc	3/5/2008 9:57:45 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
Signed Subrecipient Form	1	UCSB - Subrecipient Form.pdf	4/8/2008 1:49:06 PM
Signed cover letter	1	UCSantaBarbara_Hilborn_A38415.pdf	3/11/2008 4:06:09 PM
Application Cover Letter to Sponsor	1	Application Cover Letter to Sponsor.pdf	3/11/2008 2:12:20 PM

**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor?

Yes, by the PI/research group (i.e., sponsor website)

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects

YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?

DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1.

(not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.

YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP?

N/A

63-4231

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A39305  
 Long Title: Biocomplexity and management of Pacific salmon  
 Short Title: Salmon Biocomplexity  
 Last Completed Timestamp: 4/25/2008 3:44 PM  
 Start/End Dates Requested: 6/1/2008 - 5/31/2011  
 Sponsor Deadline: 4/30/2008  
 Application Type: Non-Competing Renewal  
 Sponsor: Gordon and Betty Moore Foundation  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 12.5%

	First Period	Total (all periods)
Total Direct Costs:	940,967	3,218,111
Total F&A Costs:	113,871	381,889
Total Costs:	1,054,838	3,600,000

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
 FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A39305  
Full Application Title: Biocomplexity and management of Pacific salmon  
Short Title: Salmon Biocomplexity  
Start/End Dates Requested: 6/1/2008 - 5/31/2011  
Sponsor Deadline: 4/30/2008  
Date Needed From OSP: 4/30/2008  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Renewal  
After the Fact Application: NO

**Project Details**

Project Type: Grant  
Funding Type: Research: Basic  
International Projects: YES

**Sponsor**

Sponsor name: Gordon and Betty Moore Foundation  
Sponsor type: Foundation  
Address: Presidio of San Francisco  
P.O. Box 29910  
City, State, ZIP: San Francisco, CA, 94129-0910  
Country: USA  
Contact name: Michael Webster  
Contact phone: 415 561 7557  
Contact email: Michael.Webster@moore.org

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

The conservation of Pacific salmon depends on the scientific understanding of the biology of the species, and especially the role that biocomplexity of stock structure interacts with harvest management. This project has two major components. First we continue a 60 year program studying the biology of salmon in Alaska and their ecosystem in a range of habitats through a series of field camps maintained by the

University of Washington. Secondly, we develop new methods of salmon harvest and habitat management, and transfer this technology to salmon managers in agencies around the Pacific rim.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages	466,814	1,643,704
02	Contract Personal Services		
03	Other Contractual Services	145,600	436,800
04	Travel	57,600	182,800
05	Supplies and Materials	114,600	336,997
06	Equipment		
07	Retirement and Benefits	95,702	355,305
08	Student Aid	30,651	99,505
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

FAS Object code	Description	First Period	Total (all periods)
03-62	University of Alaska Fairbanks	15,000	45,000
03-62	World Wildlife Fund	0	73,000
03-62	University of British Columbia	15,000	45,000

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	940,967	3,218,111

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)	910,967	3,055,111

**F&A Cost Rate**

F&A Cost Rate 12.5%

	First Period	Total (all periods)
Total F&A Costs	113,871	381,889

	First Period	Total (all periods)
Total Costs	1,054,838	3,600,000

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 The majority of the work will be conducted at field stations in Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 The Gordon and Betty Moore Foundation only pays 12.5% indirect costs. Copies of this policy should be available at OSP for several recent grants from the same Foundation.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO



- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES
- We have an existing IACUC protocol #3142-01 for these studies at these sites. The approval date is 4/11/08.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
project budget	3	Hilborn budget-Moore.xls	4/25/2008 3:44:14 PM
Full Project proposal	1	Outputs and activities for UW Moore Grant v2.doc	3/25/2008 9:42:01 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
Fiscal Sponsor letter	1	Fiscal Sponsor - GBMF.pdf	5/15/2008 3:35:09 PM
Signed cover letter	1	SCAN246.pdf	4/28/2008 3:09:28 PM
Sponsor letter	1	A39305_GBMoore Letter.pdf	4/28/2008 3:08:46 PM
Application Cover Letter to Sponsor	1	Application Cover Letter to Sponsor.pdf	4/28/2008 9:51:40 AM

**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
 Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

63-4222  
parent budget

This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35633  
Long Title: Biocomplexity, Sustainability, and the Role of Small Populations  
Short Title: Pew Alaska Salmon -2  
Last Completed Timestamp: 10/18/2007 11:41 AM  
Start/End Dates Requested: 10/1/2007 - 9/30/2008  
Sponsor Deadline: 10/26/2007  
Application Type: Non-Competing Renewal  
Sponsor: University of Miami  
Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 10% salary & fringe

	First Period	Total (all periods)
Total Direct Costs:	0	121,193
Total F&A Costs:	5,717	6,463
Total Costs:	5,717	127,656

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

NG-3. YES: Application involves flow-through funds.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

Subcontract agreement between the University of Miami and the University of Washington is attached. Sponsor requires 4 original signed copies. Prime award is from the Pew Charitable Trust. Subcontract to be incrementally funded. This award provides for year 2 funding and must be put in new budget, as each year's funds cannot comingle.

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**Details**

eGC1 Number: A35633  
Full Application Title: Biocomplexity, Sustainability, and the Role of Small Populations  
Short Title: Pew Alaska Salmon  
Start/End Dates Requested: 10/1/2007 - 9/30/2008  
Sponsor Deadline: 10/26/2007  
Date Needed From OSP: 10/24/2007  
Sponsor Signed Copies Required: 4  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Non-Competing Renewal  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: University of Miami  
Sponsor type: Private School, College, University  
Address: RSMAS, 4600 Rickenbacker Cswy  
City, State, ZIP: Miami, FL, 33149  
Country: USA  
Contact name: Bonnie Townsend  
Contact phone: 305-421-4084  
Contact email: btownsend@smas.miami.edu

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: Prime Award number 2005-00746  
 UW Budget Number: (not indicated)  
 Previous eGC1 Number(s): A17723

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Jessica L. Roshan (EIN: 877006544)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jroshan  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Thomas P Quinn	881003486	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Daniel E. Schindler	878002265	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Lorenz Hauser	864007166	Co-Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

Small populations are harbingers of range expansion and also precursors to extinction. We have a unique opportunity to study a large number of small populations of chinook, chum, pink, coho, and sockeye salmon in Bristol Bay Alaska, where the University of Washington has maintained field stations and data series since the late 1940s. These streams are unique in the combination of long period of data records and the absence of anthropogenic habitat modification, introduced exotic species, or artificial propagation. We propose to explore the dynamics of these small populations to provide insight on 1) how climate change may affect the distribution of salmon, 2) how networks of populations interact, in particular as metapopulations to influence stability and sustainability, 3) how multispecies assemblages differentially use habitat and interact, in particular how rare species interact with dominant species (sockeye salmon in Bristol Bay), 4) the frequency of colonization and extinction, and 5) the dynamics of very small populations as it relates to the dynamics of extinction. We will augment the existing long term abundance trends for 20 streams with more intense monitoring of abundance for 2 seasons, and use molecular genetic tools to determine the connectedness of individual populations and the importance of sources and sinks in population maintenance.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		55,692
02	Contract Personal Services		
03	Other Contractual Services		43,000
04	Travel		3,400
05	Supplies and Materials		2,000
06	Equipment		
07	Retirement and Benefits		8,941
08	Student Aid		8,160
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	121,193

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)	57,166	121,799

**F&A Cost Rate**

	First Period	Total (all periods)
F&A Cost Rate		10% salary & fringe
Total F&A Costs	5,717	6,463

First Period Total (all periods)

Total Costs 5,717 127,656

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0
Thomas P Quinn	2620001000	Sch Aquatic&fishery Sc	\$0
Daniel E. Schindler	2620001000	Sch Aquatic&fishery Sc	\$0
Lorenz Hauser	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES
  - Location
  - Other - US site (explain)
  - Project involves field work in the Bristol Bay Region of Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES
  - Explain
  - Per the prime award, indirect cost are calculated at 10% salary and fringe
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO

- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? YES
- Originating Sponsor Name: Pew Charitable Trusts
- Originating Sponsor Type: Foundation

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
- AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES
- The work involves field sampling of salmon in the Bristol Bay Region of Alaska. The work is approved under protocol 3142-01 - approval date 4/03/07.
- AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
- AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

Description	Version	File Name	Attached On
Contract	1	Hilborm - University of Miami.pdf	10/17/2007 3:09:13 PM

**Internal documents for OSP**



No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

Description	Version	File Name	Attached On
Application Review Notice	1	Application Review Notice.html	10/22/2007 11:23:13 AM

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Subcontract agreement between the University of Miami and the University of Washington is attached. Sponsor requires 4 original signed copies. Prime award is from the Pew Charitable Trust. Subcontract to be incrementally funded. This award provides for year 2 funding and must be put in new budget, as each year's funds cannot comeingle.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-3868

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A36294  
 Long Title: San Diego Sea Urchin Data Analysis  
 Short Title: Sea Urchin Data  
 Last Completed Timestamp: 11/5/2007 7:00 PM  
 Start/End Dates Requested: 12/1/2007 - 11/30/2008  
 Sponsor Deadline: 12/10/2007  
 Application Type: New  
 Sponsor: San Diego Watermen's Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 56%

	First Period	Total (all periods)
Total Direct Costs:	0	4,207
Total F&A Costs:		2,356
Total Costs:	0	6,563

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

(not indicated)

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A36294  
Full Application Title: San Diego Sea Urchin Data Analysis  
Short Title: Sea Urchin Data  
Start/End Dates Requested: 12/1/2007 - 11/30/2008  
Sponsor Deadline: 12/10/2007  
Date Needed From OSP: 12/1/2007  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: San Diego Watermen's Association  
Sponsor type: Association & Non-Profits  
Address: 11103 Highway 67  
City, State, ZIP: Lakeside, CA, 92040  
Country: USA  
Contact name: Peter Halmay  
Contact phone: (619) 957-7121  
Contact email: phalmay@earthlink.net

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

## Abstract & RFA/RFP

### UW Abstract

In this project, data collected by sea urchin fishermen in San Diego will be organized and put into a data base, and summary reports generated for the sea urchin fishermen. The data will be used at UW in a Ph.D. thesis to model the dynamics of the sea urchin fishery.

### Request for Application/Proposal or Program Announcement

RFA/RFP/PA Number: (not indicated)

Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		3,780
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		427
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	4,207

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		4,207

**F&A Cost Rate**

F&A Cost Rate		56%
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	First Period	Total (all periods)
Total F&A Costs		2,356

	First Period	Total (all periods)
Total Costs	0	6,563

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? NO
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
draft contract from sponsor	1	contract_UW.doc	11/5/2007 6:44:03 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO  
 Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-3464

This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A36294  
 Long Title: San Diego Sea Urchin Data Analysis  
 Short Title: Sea Urchin Data  
 Last Completed Timestamp: 11/5/2007 7:00 PM  
 Start/End Dates Requested: 12/1/2007 - 11/30/2008  
 Sponsor Deadline: 12/10/2007  
 Application Type: New  
 Sponsor: San Diego Watermen's Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate:	56%		
		First Period	Total (all periods)
Total Direct Costs:		0	4,207
Total F&A Costs:			2,356
Total Costs:		0	6,563

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**  
(not indicated)

**Security and Export Control**  
(not indicated)

**Non-Governmental Applications**

(not indicated)

**Enviromental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A36294  
Full Application Title: San Diego Sea Urchin Data Analysis  
Short Title: Sea Urchin Data  
Start/End Dates Requested: 12/1/2007 - 11/30/2008  
Sponsor Deadline: 12/10/2007  
Date Needed From OSP: 12/1/2007  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: San Diego Watermen's Association  
Sponsor type: Association & Non-Profits  
Address: 11103 Highway 67  
City, State, ZIP: Lakeside, CA, 92040  
Country: USA  
Contact name: Peter Halmay  
Contact phone: (619) 957-7121  
Contact email: phalmay@earthlink.net

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

## Abstract & RFA/RFP

### UW Abstract

In this project, data collected by sea urchin fishermen in San Diego will be organized and put into a data base, and summary reports generated for the sea urchin fishermen. The data will be used at UW in a Ph.D. thesis to model the dynamics of the sea urchin fishery.

### Request for Application/Proposal or Program Announcement

RFA/RFP/PA Number: (not indicated)

Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		3,780
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		427
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	4,207

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		4,207

**F&A Cost Rate**

F&A Cost Rate		56%
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	First Period	Total (all periods)
Total F&A Costs		2,356

	First Period	Total (all periods)
Total Costs	0	6,563

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

FG-1. Does this application commit UW funds for cost sharing, matching or program continuation?	NO
FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13?	NO
FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW?	NO
FG-4. Does this application require any new, rental or renovation to existing space?	NO
FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary?	NO
FG-6. Does this application require any deliverables (other than the usual written progress reports)?	NO
FG-7. Does this application request administrative support or office supplies?	NO
FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval?	NO
FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)?	NO

**Security and Export Control**

SEC-1. Will any items be transported outside the United States in connection with this project?	NO
SEC-2. Will this project potentially be subject to export regulation?	NO
SEC-3. Will this project require restriction on information, personnel or security classification?	NO

**Non-Governmental Applications**

NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application?	NO
NG-2. Does this application have funding from a foreign source or foreign subsidiary entity?	NO
NG-3. Does this application involve flow-through funds?	NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals?	NO
EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins?	NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? NO

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
draft contract from sponsor	1	contract_UW.doc	11/5/2007 6:44:03 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? NO

Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-3464

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A8367  
 Long Title: Chignik Sockeye Studies: In-Season Forecasting of Adult Sockeye Salmon Migrations  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 5/17/2004 10:02 AM  
 Start/End Dates Requested: 5/1/1995 - 4/30/2005  
 Sponsor Deadline: 5/30/2005  
 Application Type: Competing Supplement  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,984
Total F&A Costs:		516
Total Costs:	0	2,500

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications



(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

Data analysis only. Animal work not involved. Anticipated supplemental funding is \$2,500.

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**Details**

eGC1 Number: A8367  
Full Application Title: Chignik Sockeye Studies: In-Season Forecasting of Adult Sockeye Salmon Migrations  
Short Title: Chignik Lakes  
Start/End Dates Requested: 5/1/1995 - 4/30/2005  
Sponsor Deadline: 5/30/2005  
Date Needed From OSP: (not indicated)  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Competing Supplement  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian St. #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: (not indicated)  
Contact name: Charles McCallum  
Contact phone: (not indicated)  
Contact email: (not indicated)

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-3464  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

---

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

---

**Abstract & RFA/RFP**

**UW Abstract**

The primary objective of this project is to conduct an annual monitoring of Chignik Lakes sockeye salmon and their environment. The resulting database will be used to assess changes in adult salmon production that have a direct impact on the Chignik community and fishery. Funding will provide time for R. Hilborn to respond to questions from CRAA relevant to current Chignik management and past data collection projects regarding changes in Black Lake.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages subtotal		1,630
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits subtotal		354
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,984

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		1,984

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		516

	First Period	Total (all periods)
Total Costs	0	2,500

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Chignik Lakes region in Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO
- FG-10. Will this work be subject to export regulation, and/or will it require restriction on information or personnel, or security classification? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? (not indicated)
- SEC-2. Will this project potentially be subject to export regulation? (not indicated)
- SEC-3. Will this project require restriction on information, personnel or security classification? (not indicated)

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO

NG-3. Does this application involve flow-through funds? NO

#### Environmental Health and Safety

EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO

EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

AC-1. Does this application involve the use of vertebrate animals? NO

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### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application? (not indicated)

Will sponsor documents be submitted electronically to the sponsor? (not indicated)

#### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

This application is routing electronically

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Data analysis only. Animal work not involved. Anticipated supplemental funding is \$2,500.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number: A18395  
 Long Title: Chignik Sockeye Studies: In-Season Forecasting of Adult Sockeye Salmon Migrations  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 8/1/2005 8:36 AM  
 Start/End Dates Requested: 5/1/1995 - 6/30/2006  
 Sponsor Deadline: 8/1/2005  
 Application Type: Supplement and Extension  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,984
Total F&A Costs:		516
Total Costs:	0	2,500

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

After-the-fact. Letter dated July 1, 2005 and check #3611 for \$2,500 from CRAA are attached. Data analysis only. No animal work is involved.

---

**Details**

eGC1 Number: A18395  
Full Application Title: Chignik Sockeye Studies: In-Season Forecasting of Adult Sockeye Salmon Migrations  
Short Title: Chignik Lakes  
Start/End Dates Requested: 5/1/1995 - 6/30/2006  
Sponsor Deadline: 8/1/2005  
Date Needed From OSP: 8/1/2005  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian Street, #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: (not indicated)  
Contact name: Matthew Siemion  
Contact phone: 360-647-2401  
Contact email: westone42@hotmail.com



**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 63-3464  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

The primary objective of this project is to conduct an annual monitoring of Chignik Lakes sockeye salmon and their environment. The resulting database will be used to assess changes in adult salmon production that have a direct impact on the Chignik community and fishery. Funding will provide for the Principal Investigator to respond to questions from the Chignik Regional Aquaculture Association relevant to current Chignik fishery management and past data collection projects regarding changes in Black Lake.

**Request for Application/Proposal or Program Announcement**

RFARFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages subtotal		1,610
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits subtotal		374
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,984

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		1,984

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		516

	First Period	Total (all periods)
Total Costs	0	2,500

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

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**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be done in the Chignik Lake region of Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

### Environmental Health and Safety

- EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO
- EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? NO

---

## Attached Documents

### Documents to be Submitted to Sponsor

No attachments have been associated

### Internal documents for OSP

No attachments have been associated

### Internal documents for Dept/School/College

No attachments have been associated

### Connected Budget Data

No attachments have been associated

### Documents Uploaded by OSP

No attachments have been associated

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## Certify & Route

### Application Documents Information

- Will paper documents be submitted to OSP in support of this application? (not indicated)
- Will sponsor documents be submitted electronically to the sponsor? No

### Significant Financial Interest (SFI)

### Escalation of PI Certification

### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

- The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form?

DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1.

YES

**Additional Information**

After-the-fact. Letter dated July 1, 2005 and check #3611 for \$2,500 from CRAA are attached. Data analysis only. No animal work is involved.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature.

(not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP?

---

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A29962  
 Long Title: Chignik Lakes  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 2/1/2007 11:56 AM  
 Start/End Dates Requested: 7/1/2006 - 6/30/2007  
 Sponsor Deadline: 2/15/2007  
 Application Type: Supplement and Extension  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	1,984
Total F&A Costs:		516
Total Costs:	0	2,500

**Cost Sharing**

Total Cost Sharing:	Total (all periods) \$0
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**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

A check and letter was received from the sponsor and that will be sent to OSP.

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**Details**

eGC1 Number: A29962  
Full Application Title: Chignik Lakes  
Short Title: Chignik Lakes  
Start/End Dates Requested: 7/1/2006 - 6/30/2007  
Sponsor Deadline: 2/15/2007  
Date Needed From OSP: 2/14/2007  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian Street, #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: USA  
Contact name: Matthew Siemion  
Contact phone: 360-647-2401  
Contact email: westone42@hotmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-3464  
Previous eGC1 Number(s): (not indicated)

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## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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## Abstract & RFA/RFP

### UW Abstract

The School of Aquatic and Fishery Sciences Fishery Research Institute will provide assistance and consultation to the Chignik Regional Aquaculture Association on the implication of habitat change in the black Lake (chignik, Alaska) on the projectivity of sockeye salmon in the Chignik and black Lake drainages.

### Request for Application/Proposal or Program Announcement



RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		1,984

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,984

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		1,984

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		516

	First Period	Total (all periods)
Total Costs	0	2,500

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
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- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? NO

---

### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

- Will paper documents be submitted to OSP in support of this application? YES
- Will sponsor documents be submitted electronically to the sponsor? No

#### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

- The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

A check and letter was received from the sponsor and that will be sent to OSP.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

---

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A35635  
 Long Title: Chignik Lakes  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 10/11/2007 5:07 PM  
 Start/End Dates Requested: 7/1/2007 - 6/30/2008  
 Sponsor Deadline: 10/22/2007  
 Application Type: Supplement and Extension  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: (not indicated)

	First Period	Total (all periods)
Total Direct Costs:	0	1,984
Total F&A Costs:	0	516
Total Costs:	0	2,500

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

Sponsor letter and supplemental check will be delivered to OSP on 10/12/07. These are the paper documents noted in the gc-1.

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**Details**

eGC1 Number: A35635  
Full Application Title: Chignik Lakes  
Short Title: Chignik Lakes  
Start/End Dates Requested: 7/1/2007 - 6/30/2008  
Sponsor Deadline: 10/22/2007  
Date Needed From OSP: 10/18/2007  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian Street, #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: USA  
Contact name: Matthew Siemion  
Contact phone: 360-647-2401  
Contact email: westone42@hotmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-3464  
Previous eGC1 Number(s): A29962

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## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Research Scientist/engineer 3  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: cboat  
Phone: 206-543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

---

## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

The School of Aquatic and Fishery Sciences Rishery Research Institute will provide assistance and consultation to the Chignik Regional Aquaculture Association on the implication of habitat change in the black Lake (chignik, Alaska) on the projectivity of sockeye salmon in the Chignik and black Lake drainages.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		1,984

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	1,984

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

	First Period	Total (all periods)
F&A Cost Rate		
Total F&A Costs	0	516

	First Period	Total (all periods)
Total Costs	0	2,500

**Cost Sharing**



**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 All consultation for this project will take place in either Chignik or Anchorage, Alaska.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

### Non-Governmental Applications

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

### Environmental Health and Safety

- EHS-1. Will this project involve pathogenic agents, potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents, Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? NO

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### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

- Will paper documents be submitted to OSP in support of this application? YES
- Will sponsor documents be submitted electronically to the sponsor? No

#### Significant Financial Interest (SFI)

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Sponsor letter and supplemental check will be delivered to OSP on 10/12/07. These are the paper documents noted in the gc-1.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

---

Form eGC1

**UNIVERSITY OF WASHINGTON**  
**Request for Approval of Application for Grant or Contract**

**Application Details**

eGC1 Number: A43414  
 Long Title: Chignik Lakes  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 10/17/2008 12:05 PM  
 Start/End Dates Requested: 7/1/2008 - 6/30/2009  
 Sponsor Deadline: 9/25/2008  
 Application Type: Supplement and Extension  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	2,777
Total F&A Costs:		722
Total Costs:	0	3,499

**Cost Sharing**

Total Cost Sharing:	Total (all periods) \$0
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**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Compliance Questions**

**Financial and General**

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

A check was recieved from the sponsor and that will be sent to OSP.

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**Details**

eGC1 Number: A43414  
Full Application Title: Chignik Lakes  
Short Title: Chignik Lakes  
Start/End Dates Requested: 7/1/2008 - 6/30/2009  
Sponsor Deadline: 9/25/2008  
Date Needed From OSP: 9/25/2008  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian Street, #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: USA  
Contact name: Matthew Siemion  
Contact phone: 360-647-2401  
Contact email: westone@hotmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-3464  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jroshan  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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## Abstract & RFA/RFP

### UW Abstract

The School of Aquatic and Fishery Sciences Rishery Research Institute will provide assistance and consultation to the Chignik Regional Aquaculture Association on the implication of habitat change in the black Lake (chignik, Alaska) on the projectivity of sockeye salmon in the Chignik and black Lake drainages.

### Request for Application/Proposal or Program Announcement

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		2,777

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	2,777

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		722

	First Period	Total (all periods)
Total Costs	0	3,499

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
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- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
Scope of work	1	Scope of Work for Chignik.doc	10/17/2008 12:05:06 PM
copy of check	1	copy of check.pdf	10/17/2008 11:28:21 AM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? YES
- Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

A check was recieved from the sponsor and that will be sent to OSP.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number: A60969  
 Long Title: Chignik Lakes  
 Short Title: Chignik Lakes  
 Last Completed Timestamp: 8/20/2010 10:05 AM  
 Start/End Dates Requested: 7/1/2010 - 6/30/2011  
 Sponsor Deadline: 8/30/2010  
 Application Type: Supplement and Extension  
 Sponsor: Chignik Regional Aquaculture Association  
 Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)

#### Principal Investigator

Name: Ray Hilborn

#### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	2,778
Total F&A Costs:		722
Total Costs:	0	3,500

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A60969  
Full Application Title: Chignik Lakes  
Short Title: Chignik Lakes  
Start/End Dates Requested: 7/1/2010 - 6/30/2011  
Sponsor Deadline: 8/30/2010  
Date Needed From OSP: 8/27/2010  
Sponsor Signed Copies Required: 0  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: AQUATIC&FISHERY SCIENC (2630003000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: Supplement and Extension  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Chignik Regional Aquaculture Association  
Sponsor type: Association & Non-Profits  
Address: 2731 Meridian St. #B  
City, State, ZIP: Bellingham, WA, 98225  
Country: (not indicated)  
Contact name: Matthew Siemion  
Contact phone: (not indicated)  
Contact email: westone42@hotmail.com

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
UW Budget Number: 63-3464  
Previous eGC1 Number(s): (not indicated)

---

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Professor  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
UW box number: 355020  
NetID: rayh  
Phone: +1 206 543-3587  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica Roshan (EIN: 877006544)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Manager Of Program Operations  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: jroshan  
Phone: +1 206 616-9521  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jroshan@uw.edu

### Pre-Award Budget Contact

Name: Christopher Boatright (EIN: 879006671)  
Selected Unit: AQUATIC&FISHERY SCIENC (2630003000)  
Title: Research Scientist/engineer 4  
Academic Home Unit: AQUATIC&FISHERY SCIENC (2630003000)  
NetID: cboat  
Phone: +1 206 543-7628  
Fax: (not indicated)  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: cboat@u.washington.edu

---

## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	AQUATIC&FISHERY SCIENC (2630003000)	No

**Abstract & RFA/RFP**

**UW Abstract**

The School of Aquatic and Fishery Sciences Fishery Research Institute will provide assistance and consultation to the Chignik Regional Aquaculture Association on the implication of habitat change in the black Lake (chignik, Alaska) on the projectivity of sockeye salmon in the Chignik and black Lake drainages.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		2,778

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	2,778

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		722

	First Period	Total (all periods)
Total Costs	0	3,500

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2630003000	AQUATIC&FISHERY SCIENC	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2630003000	AQUATIC&FISHERY SCIENC	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Chignik, Alaska
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? NO

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

Description	Version	File Name	Attached On
award letter	1	letter for check.pdf	8/10/2010 2:50:49 PM
copy of check	1	check.pdf	8/10/2010 2:34:41 PM

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

---

**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? NO
- Will sponsor documents be submitted electronically to the sponsor? No



**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? (not indicated)

---

This application is routing electronically

Form eGC1

**UNIVERSITY OF WASHINGTON**  
Request for Approval of Application for Grant or Contract

**Application Details**

eGC1 Number: A15147  
 Long Title: Research on the Basis of Productivity in Salmon Ecosystems for Use in Improving Fisheries Management  
 Short Title: MOORE SALMON  
 Last Completed Timestamp: 3/15/2005 9:00 AM  
 Start/End Dates Requested: 3/1/2005 - 2/29/2008  
 Sponsor Deadline: 3/15/2005  
 Application Type: New  
 Sponsor: Gordon and Betty Moore Foundation  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

**Principal Investigator**

Name: Ray Hilborn

**Budget**

F&A Cost Rate: 12.5%

	First Period	Total (all periods)
Total Direct Costs:	515,392	2,116,660
Total F&A Costs:	60,449	248,357
Total Costs:	575,841	2,365,017

**Cost Sharing**

	Total (all periods)
Total Cost Sharing:	\$0

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Compliance Questions****Financial and General**

- FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.  
 FG-3. YES: F&A costs are reimbursed at less than the federally negotiated rate for the UW.  
 FG-7. YES: Application requests administrative support or office supplies.

**Security and Export Control**

(not indicated)

**Non-Governmental Applications**

NG-1. YES: Representative from the University Advancement (either College or Central Administration) provided assistance with this application.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

AC-1. YES: Application involves the use of vertebrate animals.

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**eGC1 Comments**

Award document attached - electronic copy was sent to OSP on 3/9/05. We'll need to establish a sub-budget for separately budgeted Outcome 2 - Detail for sub-budget is included.

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**Details**

eGC1 Number: A15147  
Full Application Title: Research on the Basis of Productivity in Salmon Ecosystems for Use in Improving Fisheries Management  
Short Title: MOORE SALMON  
Start/End Dates Requested: 3/1/2005 - 2/29/2008  
Sponsor Deadline: 3/15/2005  
Date Needed From OSP: 3/15/2005  
Sponsor Signed Copies Required: 1  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Grant  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: Gordon and Betty Moore Foundation  
Sponsor type: Foundation  
Address: The Presidio of San Francisco  
P.O. Box 29910  
City, State, ZIP: San Francisco, CA, 94129-0910  
Country: (not indicated)

Contact name: Cathy Manovi  
Contact phone: 415-561-7581  
Contact email: Cathy.Manovi@moore.org

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: GALA #670  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

---

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: jbodey  
Phone: 206-616-9521  
Fax: 206-616-8689  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

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**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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**Abstract & RFA/RFP**

**UW Abstract**

This grant will address two outcomes 1) to improve the scientific understanding of the functioning of SW Alaska salmon ecosystems that builds on long-term datasets and links to complementary studies in pristine systems and 2) to develop and help implement techniques for improved salmon fisheries management in Alaska and elsewhere.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: [http://www.moore.org/about\\_grantmaking.asp](http://www.moore.org/about_grantmaking.asp)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages subtotal	272,978	1,145,298
02	Service Contracts		
03	Other Contractual Services subtotal	79,303	298,109
04	Travel subtotal	45,816	161,348
05	Supplies and Materials subtotal	27,100	99,100
06	Equipment		
07	Retirement and Benefits subtotal	58,395	233,565
08	Student Aid subtotal	0	49,440
38	Unallocated		

**Other Object Codes**

FAS Object code	Description	First Period	Total (all periods)
03-69	Outside Services Other	1,800	19,800

**Subcontracts**

FAS Object code	Description	First Period	Total (all periods)
03-62	University of Alaska - Fairbanks	15,000	55,000
03-62	University of British Columbia	15,000	55,000

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	515,392	2,116,660

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)	483,592	1,986,860

**F&A Cost Rate**

F&A Cost Rate 12.5%

	First Period	Total (all periods)
Total F&A Costs	60,449	248,357

	First Period	Total (all periods)
Total Costs	575,841	2,365,017

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Much of the project involves field work in Alaska and other West Coast locations.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? YES  
 Explain  
 The Moore Foundation limits indirect costs to 12.5% - See award document.
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? YES  
 Explain  
 Award provides funds for a Fiscal Specialist.
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO
- FG-10. Will this work be subject to export regulation, and/or will it require restriction on information or personnel, or security classification? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? (not indicated)
- SEC-2. Will this project potentially be subject to export regulation? (not indicated)
- SEC-3. Will this project require restriction on information, personnel or security classification? (not indicated)

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? YES  
 Name of person assisting: Linda Maxon - COFS
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO
- EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? YES
  - AC-1-A. Does the application involve the use of live vertebrate animals, at any location, by UW faculty, staff or students, or non-UW personnel visiting the UW and working under a UW IACUC protocol? YES  
 Collection of fish samples from wild populations is approved under Animal Care protocol 3142-01.
  - AC-1-B. Does the application involve use of live vertebrate animals at any domestic (US) location other than the UW (e.g. custom antibodies, contracts, subcontracts or any collaborative work in support of the specific aims of the grant)? NO
  - AC-1-C. Are you citing any foreign sites for performance of live vertebrate animal work? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? (not indicated)

Will sponsor documents be submitted electronically to the sponsor? (not indicated)

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. YES

**Additional Information**

Award document attached - electronic copy was sent to OSP on 3/9/05. We'll need to establish a sub-budget for separately budgeted Outcome 2 - Detail for sub-budget is included.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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Form eGC1

~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
63-1061

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A28880  
 Long Title: Orange Roughy fishery management  
 Short Title: NZ Contract 2006-2007  
 Last Completed Timestamp: 12/13/2006 11:35 AM  
 Start/End Dates Requested: 11/8/2006 - 10/31/2007  
 Sponsor Deadline: 12/20/2006  
 Application Type: New  
 Sponsor: New Zealand Seafood Industry Council, Ltd. (SeaFIC)  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	30,390
Total F&A Costs:		7,901
Total Costs:	0	38,291

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

NG-2. YES: Application has funding from a foreign source or foreign subsidiary entity.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A28880  
Full Application Title: Orange Roughy fishery management  
Short Title: NZ Contract 2006-2007  
Start/End Dates Requested: 11/8/2006 - 10/31/2007  
Sponsor Deadline: 12/20/2006  
Date Needed From OSP: 12/19/2006  
Sponsor Signed Copies Required: 2  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: YES

**Sponsor**

Sponsor name: New Zealand Seafood Industry Council, Ltd. (SeaFIC)  
Sponsor type: Foreign Private Industry  
Address: Private Bag 24-901  
City, State, ZIP: Wellington, (not indicated), (not indicated)  
Country: New Zealand  
Contact name: Kevin Stokes  
Contact phone: (not indicated)  
Contact email: stokesk@seafood.co.nz

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 66-0650  
 Previous eGC1 Number(s): A18626

## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

### Administrative Contact

Name: Jessica L. Roshan (EIN: 877006544)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jroshan  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jroshan@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Allan Hicks	863001192	Key Personnel	SCH AQUATIC&FISHERY SC (2620001000)	No

## Abstract & RFA/RFP

### UW Abstract

This project evaluates options for the management of orange roughy, a deepwater species, in New Zealand. The program has three components. First we conduct stock assessments of the status of orange roughy populations to determine their current status and recommended harvests. Second we evaluate the reliability of the data sources, particularly surveys, catch per unit effort and age distribution

data. Finally we are evaluating alternative management procedures for future methods of management. This is the continuation of a multi-year cooperative project with the New Zealand Fishing industry.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Contract Personal Services		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated		30,390

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	30,390

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		30,390

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		7,901

	First Period	Total (all periods)
Total Costs	0	38,291

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0
Allan Hicks	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - international site (explain)  
 Work will be done in Wellington, New Zealand
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? YES

Explain

The agreement is with the New Zealand Seafood Industry Council.

NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO

EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

AC-1. Does this application involve the use of vertebrate animals? NO

---

**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

Will paper documents be submitted to OSP in support of this application? YES

Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? N/A

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63-0376

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A24811  
 Long Title: UW-AYK SSI  
 Short Title: UW-AYK SSI  
 Last Completed Timestamp: 5/25/2006 4:41 PM  
 Start/End Dates Requested: 5/1/2006 - 6/30/2007  
 Sponsor Deadline: 6/2/2006  
 Application Type: New  
 Sponsor: Bering Sea Fisherman's Association  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 26

	First Period	Total (all periods)
Total Direct Costs:	0	47,262
Total F&A Costs:		12,288
Total Costs:	0	59,550

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications



(not indicated)

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

No comments currently entered.

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**Details**

eGC1 Number: A24811  
Full Application Title: UW-AYK SSI  
Short Title: UW-AYK SSI  
Start/End Dates Requested: 5/1/2006 - 6/30/2007  
Sponsor Deadline: 6/2/2006  
Date Needed From OSP: 6/2/2006  
Sponsor Signed Copies Required: 2  
Sponsor Unsigned Copies Required: 0

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: NO

**Sponsor**

Sponsor name: Bering Sea Fisherman's Association  
Sponsor type: Association & Non-Profits  
Address: 705 Christensen Drive  
City, State, ZIP: Anchorage, AK, 99501  
Country: USA  
Contact name: Karen Gillis  
Contact phone: (907) 279 6519  
Contact email: karengillis@cdqdb.org

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: AC-2066  
UW Budget Number: (not indicated)  
Previous eGC1 Number(s): (not indicated)

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## PI and Contacts

### Principal Investigator

Name: Ray Hilborn (EIN: 866007575)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Professor  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
UW box number: 355020  
NetID: rayh  
Phone: 206-543-3587  
Fax: 206-685-7471  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: rayh@u.washington.edu

### Administrative Contact

Name: Verna Blackhurst (EIN: 876004336)  
Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
Title: Manager Of Program Operations  
Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
NetID: vernab  
Phone: 206-221-5424  
Fax: 206-616-9012  
Cell Phone: (not indicated)  
Pager: (not indicated)  
Email: vernab@u.washington.edu

### Pre-Award Budget Contact

Name: (not indicated)

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## Personnel

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No

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## Abstract & RFA/RFP

### UW Abstract

The escapement goals and management strategies for salmon stocks in the AYK region have been the subject of considerable controversy yet are critical in the management of these resources. It is widely recognized that there are limitations to the existing methods of creating brood tables and fitting Ricker or other stock-recruitment curves to these data, given the limited information for many AYK systems. In recent years there have been a number of new initiatives for evaluation of escapement goals, including methods that formally incorporate uncertainty and risk, habitat conditions, explicit analysis of life histories, use of data other than brood tables, understanding of stock structure and biocomplexity within watersheds, and evaluation of objectives other than maximum sustained yield. This project will bring together a range of

people who have been involved in developing escapement goal methodology for Alaska salmon to (1) evaluate the utility of these new methods for determining escapement goals for AYK stocks, (2) assemble existing data relevant to calculation of AYK escapement goals, (3) apply the new tools to several AYK systems. Given the results of these evaluations, the project will (4) design a statistical/software tool to evaluate alternative escapement goals or management strategies that could be used by all interested parties in the AYK region. This design will (5) lead to a proposal in the next funding cycle of the AYK SSI and possible the Federal Office of Subsistence.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		27,300
02	Contract Personal Services		
03	Other Contractual Services		2,500
04	Travel		10,836
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		6,626
08	Student Aid		
38	Unallocated		

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	47,262

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		

**F&A Cost Rate**

F&A Cost Rate		26
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	First Period	Total (all periods)
Total F&A Costs		12,288

	First Period	Total (all periods)
Total Costs	0	59,550

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO

Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - US site (explain)  
 Work will be conducted while stationed at the Aleknagik, Alaska field camp and workshops will be held in Anchorage AK.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? NO
- NG-3. Does this application involve flow-through funds? NO

**Environmental Health and Safety**

- EHS-1. Will this project involve pathogenic agents , potential biohazards, recombinant DNA, human tissues or cells, hazardous materials in animal studies or highly toxic chemicals? NO
- EHS-2. Will this project involve the acquisition, possession, use, transfer or shipping of Select Agents , Exempted Select Agents or Toxins? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

**Human Subjects and Stem Cells**

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

**Animal Use**

- AC-1. Does this application involve the use of vertebrate animals? NO

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**Attached Documents**

**Documents to be Submitted to Sponsor**

No attachments have been associated

**Internal documents for OSP**

No attachments have been associated

**Internal documents for Dept/School/College**

No attachments have been associated

**Connected Budget Data**

No attachments have been associated

**Documents Uploaded by OSP**

No attachments have been associated

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**Certify & Route**

**Application Documents Information**

- Will paper documents be submitted to OSP in support of this application? YES
- Will sponsor documents be submitted electronically to the sponsor? No

**Significant Financial Interest (SFI)**

**Escalation of PI Certification**

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or approve this application online. For information on approval of applications in the PI's absence, contact your department administrator or chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

(not indicated)

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. YES

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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66-8759

This application is routing electronically

Form eGC1

## UNIVERSITY OF WASHINGTON

### Request for Approval of Application for Grant or Contract

#### Application Details

eGC1 Number:	A10393
Long Title:	Stock Assessment and Decision Analysis for New Zealand's Hoki and Orange Roughy Fishery Management
Short Title:	NZ Contract 2004-2005
Last Completed Timestamp:	8/17/2004 2:26 PM
Start/End Dates Requested:	7/1/2004 - 6/30/2005
Sponsor Deadline:	8/20/2004
Application Type:	New
Sponsor:	New Zealand Seafood Industry Council, Ltd. (SeaFIC)
Organization Code Receiving Funding:	SCH AQUATIC&FISHERY SC (2620001000)

#### Principal Investigator

Name:	Ray Hilborn
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#### Budget

F&A Cost Rate:	26%
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	First Period	Total (all periods)
Total Direct Costs:	0	52,025
Total F&A Costs:		13,526
Total Costs:	0	65,551

#### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

#### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

#### Compliance Questions

##### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

##### Security and Export Control

(not indicated)

##### Non-Governmental Applications

NG-2. YES: Application has funding from a foreign source or foreign subsidiary entity.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

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**eGC1 Comments**

Typo on Term Clause 6.1 needs to be corrected. Need to work with Carolyn Adams in the UW Tax Office to renew the NZ tax exemption certificate.

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**Details**

eGC1 Number: A10393  
Full Application Title: Stock Assessment and Decision Analysis for New Zealand's Hoki and Orange Roughy Fishery Management  
Short Title: NZ Contract 2004-2005  
Start/End Dates Requested: 7/1/2004 - 6/30/2005  
Sponsor Deadline: 8/20/2004  
Date Needed From OSP: (not indicated)  
Sponsor Signed Copies Required: (not indicated)  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: New Zealand Seafood Industry Council, Ltd. (SeaFIC)  
Sponsor type: Foreign Private Industry  
Address: Private Bag 24-901  
City, State, ZIP: Wellington, (not indicated), (not indicated)  
Country: New Zealand  
Contact name: Kevin Stokes  
Contact phone: (not indicated)  
Contact email: stokesk@seafood.co.nz



**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 66-6868  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Allan Hicks	863001192	Key Personnel	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

This is the continuation of a multi-year cooperative project with the New Zealand Fishing Industry in which we develop and apply methods of Bayesian risk analysis to support the conservation of major New Zealand fisheries for hoki and orange roughy stocks. We are continuing to

develop age- and size- structured models to use research survey and commercial fisheries catch data to evaluate the consequences of different quota levels and to train New Zealand fisheries staff in the use of these models.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		52,025

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	52,025

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		52,025

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		13,526

	First Period	Total (all periods)
Total Costs	0	65,551

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO

**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0
Allan Hicks	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - international site (explain)  
 Work will be done in Wellington, New Zealand.
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO
- FG-10. Will this work be subject to export regulation, and/or will it require restriction on information or personnel, or security classification? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? (not indicated)
- SEC-2. Will this project potentially be subject to export regulation? (not indicated)
- SEC-3. Will this project require restriction on information, personnel or security classification? (not indicated)

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO
- NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? YES  
Explain  
The agreement is with the New Zealand Seafood Industry Council.
- NG-3. Does this application involve flow-through funds? NO

#### Environmental Health and Safety

- EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO
- EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO
- EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO
- EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

- HS-1. Does this application involve the use of human subjects? NO
- HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

- AC-1. Does this application involve the use of vertebrate animals? NO

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### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

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### Certify & Route

#### Application Documents Information

- Will paper documents be submitted to OSP in support of this application? (not indicated)
- Will sponsor documents be submitted electronically to the sponsor? (not indicated)

#### Significant Financial Interest (SFI)

#### Escalation of PI Certification

**Disbarment Statement**

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. (not indicated)

**Additional Information**

Typo on Term Clause 6.1 needs to be corrected. Need to work with Carolyn Adams in the UW Tax Office to renew the NZ tax exemption certificate.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

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A. Prepare the Form GC-1 and forward 3 copies, one with original signatures, to Grant and Contract Services with the proposal via Department Chairperson and Dean of School/College for approval. A continuation page should be added if necessary.  
B. Please furnish four extra copies of the proposal for retention by Chairperson (1), Dean of School/College (1), and Grant and Contract Services (2).  
Refer to Grants Information Memorandum Number 1 entitled "A Guide for the Preparation of Grant and Contract Proposals."

TO: GRANT AND CONTRACT SERVICES

DATE: 12/3/02

From: Ray Hilborn Professor Aquatic & Fishery Sciences 355020  
Name of Principal Investigator(s) Title Department Box Number

Attached is a proposal for a:  grant,  contract,  other (specify) \_\_\_\_\_

Source:  governmental  non-governmental

Title of Proposal: Population Assessment of Sockeye Salmon in Bristol Bay, Alaska

To be forwarded to: Alaska Department of Fish & Game, Division of Commerical Fisheries, 333 Raspberry Road, Anchorage, AK 99518 - Attn: Darin Morfield  
Name and Street Address of Sponsor City, State and Zip of Sponsor

Amount Requested: \$38000 Support Requested From: 9/15/02 through 9/16/03  
Date Date

Application is:  new,  renewal,  supplemental,  revision of proposal dated: \_\_\_\_\_

Current sponsor grant of contract number if continuation of active project na  
Budget Number (Sub-Budget)

Sponsor requires 3 signed, plus \_\_\_\_\_ unsigned copies of proposal by \_\_\_\_\_  
Number\* Number\* sponsor deadline, if any

\*These numbers do not include UW copies; see B above.

If answer to any of the following questions is YES, use page 2 to explain. Where appropriate, INCLUDE INDICATIONS OF APPROVAL or CONCURRENCE for the concerned departments, schools/colleges, or interdisciplinary facilities and service centers (e.g., Regional Primate Research Center, Center on Human Development and Disability, Library, Summer Quarter, Graduate School, Environmental Health and Safety).

YES NO

- X 1. Will new space or renovation of existing space be required?
- X 2. Will the proposed project be conducted off campus?
- X 3. Does the proposal involve radionuclides , x-ray , pathogenic organisms , human or animal blood cells, tissues, body fluids , recombinant DNA , chemical carcinogens-mutagens-teratogens , diving ?
- X 4. Does the proposal involve the use of animals ? human subjects ? approval date: \_\_\_\_\_ application number: \_\_\_\_\_
- X 5. Will restriction on information, or security classification, be required?
- X 6. Is more than one department, school, or college involved in the proposal?
- X 7. Is an interdisciplinary facility or service center involved?
- X 8. Does the proposal specify any deliverables other than the usual written progress reports?
- X 9. Are any special resources required, e.g., expanded library services materials?
- X 10. Are indirect costs reimbursed at less than established University rates?
- X 11. Does the proposal commit University funds for matching or program continuation?
- X 12. Does the proposal provide compensation for overtime, special premium, or other supplement to regular salary?
- X 13. Is the source of the proposed funding from a foreign or foreign subsidiary entity?
- X 14. If non-governmental did a representative of the Office of Development (either College or Central Administration) provide assistance with the proposal? If so, who?

RECEIVED  
DEC 10 2002

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects and that the proposed project does  or does not  require Investigators to complete the UW Significant Financial Interest Disclosure Form. (Attach the completed form if applicable).

SIGNATURES AND INSTITUTIONAL APPROVAL	
Proposed by: <u>Ray Hilborn</u> Principal Investigator(s) <u>rayh@u.washington.edu</u> Email Address(es)	Approved by: <u>[Signature]</u> Director, Grant and Contract Services Under authority delegated by Vice Provost for Research
Approved and Recommended by: <u>[Signature]</u> Chairperson/Director Date _____	Other Concurrence (if needed) _____ Date _____
Approved and Recommended by: _____ Dean of School/College Date _____	Transmitted: _____ Date _____ By: _____

Explanations relating to questions on Page 1. If answer to questions 3 and/or 9 is YES, the investigator must supply the appropriate office (Environmental Health and Safety, Library) with a photocopy of the GC-1 form at the time Departmental approval is obtained. USE GC-1 CONTINUATION SHEET IF NECESSARY.

2. The work will be done in Alaska.

This is an observational and quantitative study involving data analysis. It does not involve the use of live vertebrate animals.

After-the-fact - Agreement attached. The agreement is for a two year period and will be incrementally funded. Annual costs are \$38,000. A revised budget for this amount is attached.

Complete this section for every proposal. The types of expenditures that fall within each category are identified in the UW Operations Manual, Volume 1, Section D, 30.

BUDGET CATEGORIES	FAS OBJECT CODE	1st Period	Total
Salaries and Wages	01	\$16,440	\$16,440
Contract Personal Services	02		
Other Contractual Services	03		
Travel	04	5,400	5,400
Supplies and Materials	05	721	721
Equipment	06		
Retirement and Benefits	07	1,923	1,923
Student Aid	08	7,150	7,150
Unallocated	38	0	0
Other			
<b>TOTAL DIRECT COSTS</b>		<b>\$31,634 ✓</b>	<b>\$31,634</b>
Indirect Costs:			
% of Allowable Direct Costs*	25	%26.00%	%26.00%
*Amount Subject of Indirect Cost (Base)		24,484 ✓	24,484
<b>TOTAL INDIRECT COSTS</b>		<b>\$ 6,365 ✓</b>	<b>\$ 6,365</b>
<b>TOTAL</b>		<b>\$ 37,999 ✓</b>	<b>\$ 37,999</b>

ABSTRACT OF PROPOSED WORK. This abstract of approximately 200 words, should express the purpose and essence of the proposed activity in language understandable to nonspecialists. These abstracts are relied upon heavily by those charged with explaining the University's research programs to the public and the state government. Therefore, the importance of preparing them carefully cannot be overemphasized.

The objective of this study is to develop an accurate method for quantifying and predicting salmon run timing to the Bristol Bay, Alaska salmon fishery. A necessary first step in predicting Bristol Bay run timing is to establish an accurate measure of return timing after the season is over. Bristol Bay run timing has traditionally been quantified in one of two ways, each of which has associated problems. Quantifying returns as 'catch plus escapement to date' is problematic because the timing of the fishery and the intensity of the fishery will affect the estimated timing of the run because the lag to escapement counts are not considered. Historical catch and escapement data will be examined and a preferred method of quantifying return timing will be established. This will involve a formal method of calculating the lag from fishing districts to escapement counts. Changes in the distribution of return timing will be addressed as well as changes in mean return timing.

**Population Assessment of Sockeye Salmon in Bristol Bay, Alaska  
 The Alaska Department of Fish & Game - University of Washington  
 Cooperative Agreement - COOP 03-035**

Salaries	Months	Rate	Total
Lucy Flynn Graduate Research Assistant	12	1,370	16,440
Benefits @11.7%		160	1,923
Graduate Student Operating Fee \$2200 per quarter x 3 quarters \$550 summer quarter tuition		2,200	6,600 550 7,150
Supplies Software, field supplies			721
Travel to Alaska & per diem			5,400
Total Direct Costs			31,634
Indirect Costs @ 26%			6,366
Total Costs			38,000
Indirect Cost Base			24,484



**Addendum to GC-1 Form**  
**Section A: General Information**

Submit two copies to Grant and contract Services  
 Complete Section A with each GC-1 Form, plus B, if applicable.

1. Name of Principal Investigator (PI): Ray Hilborn  
First, Middle Initial Last
2. PI Employee Identification (EID): 866-007-575
3. Project is: Basic Research  or Applied Research  or Training  or Other
4. Abbreviated Title: Please limit to TWENTY-TWO spaces. ADF&G Assessment
5. Organization Code: 2620001000
6. Departmental Cost Share Contact: NA  
First Last Phone Email

**Section B: Cost Sharing (Compete only if applicable; see GIM 21)**

**ALL COST SHARING FOR FEDERAL GRANTS MUST BE FROM NON-FEDERAL SOURCES**

1. Cost sharing is: Mandatory  Committed  NSF Aggregate

**Multiple cost share types and/or multiple faculty:** If the award has more than one type of cost sharing or more than one faculty with cost sharing effort, prepare an attachment to the GC-1 Addendum. See page 2 of the GC-1 Addendum for template.

Faculty and Professional effort not to be charged to the grant.

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">First, Middle Initial</td> <td style="width: 50%; border-bottom: 1px solid black;">Last</td> </tr> <tr> <td colspan="2">Title: _____</td> </tr> <tr> <td>Employee Identification (EID):</td> <td style="text-align: center;">- -</td> </tr> <tr> <td>Paid from Object/Subobject Code:</td> <td>_____</td> </tr> <tr> <td>% of Time per Month:</td> <td>_____</td> </tr> <tr> <td>Number of Months C/S Will Be Performed:</td> <td>_____</td> </tr> <tr> <td>Monthly Salary Amount:</td> <td>_____</td> </tr> <tr> <td>Total Salary Contribution (Add to #2 below):</td> <td>_____</td> </tr> <tr> <td>Benefits (Add to #3 below):</td> <td>_____</td> </tr> <tr> <td>F&amp;A (Indirect) Costs (Add to #6 below):</td> <td>_____</td> </tr> </table>	First, Middle Initial	Last	Title: _____		Employee Identification (EID):	- -	Paid from Object/Subobject Code:	_____	% of Time per Month:	_____	Number of Months C/S Will Be Performed:	_____	Monthly Salary Amount:	_____	Total Salary Contribution (Add to #2 below):	_____	Benefits (Add to #3 below):	_____	F&A (Indirect) Costs (Add to #6 below):	_____	<p>List EACH quarter and year cost sharing will be performed:</p> <p>Example: Winter: 12/16/xx to 3/15/xx Spring: 3/16/xx to 6/15/xx                  Summer: 6/16/xx to 9/15/xx Autumn: 9/16/xx to 12/15/xx</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> </table>	_____	_____	_____	_____	_____	_____	_____	_____
First, Middle Initial	Last																												
Title: _____																													
Employee Identification (EID):	- -																												
Paid from Object/Subobject Code:	_____																												
% of Time per Month:	_____																												
Number of Months C/S Will Be Performed:	_____																												
Monthly Salary Amount:	_____																												
Total Salary Contribution (Add to #2 below):	_____																												
Benefits (Add to #3 below):	_____																												
F&A (Indirect) Costs (Add to #6 below):	_____																												
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2. Subtotal of Salaries: ..... \$ \_\_\_\_\_
3. Subtotal of Related Employee Benefits (See GIM 13 for rate): ..... \$ \_\_\_\_\_
4. University Contributions (from budget # \_\_\_\_\_)  
(Use only if needed to meet agencies' cost share requirement)

Supplies	05-99	\$ _____
Equipment	06-00	\$ _____
Other	_____	\$ _____
	<small>Object Code</small>	

Subtotal University Contributions: ..... \$0
5. Subtotal Third Party Contributions: ..... \$ \_\_\_\_\_  
 Name: \_\_\_\_\_  

Subtotal of Direct Costs ..... \$0
6. Subtotal Related Facilities and Administrative (Indirect) Costs:  
 Indirect Cost Rate: \_\_\_\_\_  
 Indirect Cost Base: \_\_\_\_\_  

\$0
7. Total Proposed University Contribution: ..... \$0

UNIVERSITY OF WASHINGTON  
Request for Approval of Application for Grant or Contract  
(For Use within the University Only)

129715 <sup>66-3929</sup>  
Page 1 of 2

- A. Prepare the Form GC-1 and forward 3 copies, one with original signatures, to Grant and Contract Services with the proposal via Department Chairperson and Dean of School/College for approval. A continuation page should be added if necessary.
- B. Please furnish four extra copies of the proposal for retention by Chairperson (1), Dean of School/College (1), and Grant and Contract Services (2). Refer to Grants Information Memorandum Number 1 entitled "A Guide for the Preparation of Grant and Contract Proposals."

TO: GRANT AND CONTRACT SERVICES

DATE: November 29, 2000

From: Ray Hilborn Professor Fisheries Dept. 355020  
 Name of Principal Investigator(s) Title Department Box Number

Attached is a proposal for a:  grant,  contract,  other fixed price  
 (specify)  
 Source:  governmental  non-governmental

Title of proposal: Icelandic Cod: Comparison between age-structured fish population models and a close look at the effects of different data components

To be forwarded to: Marine Research Institute, Skulagata 4, PO Box 1390, Reykjavik, Iceland  
Name and address of sponsor

Attn: Dr. Gunnar Stefanson

Amount requested \$ ~~64,613~~ 51,803 Support requested from 09/25/00 through 09/24/03  
Date Date

Application is:  new,  renewal,  supplemental,  revision of proposal dated \_\_\_\_\_

Current sponsor grant or contract number if continuation of active project \_\_\_\_\_ Budget Number

Sponsor requires 2 signed, plus \_\_\_\_\_ unsigned copies of proposal by Dec. 8, 2000  
Number\* Number\* sponsor deadline, if any

\*These numbers do not include UW copies; see B, above.

If answer to any of the following questions is YES, use page 2 to explain. Where appropriate, INCLUDE INDICATIONS OF APPROVAL or CONCURRENCE for the concerned departments, schools/colleges, or interdisciplinary facilities and service centers (e.g., Regional Primate Research Center, Center on Human Development and Disability, Library, Summer Quarter, Graduate School, Environmental Health and Safety).

- |          |          |  |
|----------|----------|--|
| YES      | NO       |  |
| _____    | <u>X</u> | 1. Will new space or renovation of existing space be required?   |
| _____    | <u>X</u> | 2. Will the proposed project be conducted off campus?  |
| _____    | <u>X</u> | 3. Does the proposal involve radionuclides <input type="checkbox"/> , x-ray <input type="checkbox"/> , pathogenic organisms <input type="checkbox"/> , human or animal blood cells, tissues, body fluids <input type="checkbox"/> , recombinant DNA <input type="checkbox"/> , chemical carcinogens-mutagens-teratogens <input type="checkbox"/> , diving <input type="checkbox"/> ? |
| _____    | <u>X</u> | 4. Does the proposal involve the use of animals <input type="checkbox"/> ? human subjects <input type="checkbox"/> ? approval date _____ App. No. _____  |
| _____    | <u>X</u> | 5. Will restriction on information, or security classification, be required?   |
| _____    | <u>X</u> | 6. Is more than one department, school, or college involved in the proposal?   |
| _____    | <u>X</u> | 7. Is an interdisciplinary facility or service center involved?  |
| _____    | <u>X</u> | 8. Does the proposal specify any deliverables other than the usual written progress reports?   |
| _____    | <u>X</u> | 9. Are any special resources required, e.g., expanded library services materials?  |
| _____    | <u>X</u> | 10. Are indirect costs reimbursed at less than established University rates?   |
| _____    | <u>X</u> | 11. Does the proposal commit University funds for matching or program continuation?  |
| _____    | <u>X</u> | 12. Does the proposal provide compensation for overtime, special premium, or other supplement to regular salary?   |
| <u>X</u> | _____    | 13. Is the source of the proposed funding from a foreign or foreign subsidiary entity?   |
| _____    | <u>X</u> | 14. If non-governmental did a representative of the Office of Development (either College or Central Administration) provide assistance with the proposal? If so, who?   |

RECEIVED  
NOV 30 2000  
GRANT & CONTRACT SERVICES

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects and that the proposed project does  or does not  require Investigators to complete the UW Significant Financial Interest Disclosure Form. (Attach the completed form if applicable).

SIGNATURES AND INSTITUTIONAL APPROVAL	
Proposed by: <u>Ray Hilborn</u> Principal Investigator(s) <u>rayh@fish.washington.edu</u> Email Address(es)	Approved by: <u>Joyce J. Carlson</u> Director, Grant and Contract Services Under authority delegated by Vice Provost for Research
Approved and Recommended by: <u>[Signature]</u> Chairperson/Director Date: <u>11/29/00</u>	Other Concurrence (if needed) _____ Date _____
Approved and Recommended by: _____ Dean of the School/College Date _____	Transmitted: _____ By: _____ Date _____

Form GC-1  
(Revised 9/95)

Page 2 of 2

Explanations relating to questions on Page 1. If answer to questions 3 and/or 9 is YES, the investigator must supply the appropriate office (Environmental Health and Safety, Library) with a photocopy of the GC-1 form at the time Departmental approval is obtained. USE GC-1 CONTINUATION SHEET IF NECESSARY.

Complete this section for every proposal. The types of expenditures that fall within each category are identified in the UW Operations Manual, Volume 1, Section D, 30.

BUDGET CATEGORIES	FAS OBJECT CODE	1st Period	Total
Salaries and Wages	01	\$ 7,758	\$ 24,217
Contract Personal Services	02		
Other Contractual Services	03		
Travel	04		
Supplies and Materials	05		
Equipment	06		
Retirement and Benefits	07	791	2,470
Student Aid	08	3600	11,238
Unallocated	38		
Other			
<b>TOTAL DIRECT COSTS</b>		<b>12,149</b> ✓	<b>37,925</b> ✓
Indirect Costs			
52 % of Allowable Direct Costs*	25	4,446 ✓	13,878 ✓
<b>TOTAL</b>		\$ <del>16,565</del> <sup>16,565</sup> ✓	\$ 51,803 ✓
*Amount Subject to Indirect Costs (Base)		8,549 ✓	26,688 ✓

ABSTRACT OF PROPOSED WORK. This abstract of approximately 200 words, should express the purpose and essence of the proposed activity in language understandable to nonspecialists. These abstracts are relied upon heavily by those charged with explaining the University's research programs to the public and the state government. Therefore, the importance of preparing them carefully cannot be overemphasized.

The population dynamics and management of Icelandic cod will be studied using age structured models. The performance of alternative management procedures for this stock will be subjected to simulation testing. A number of other data sets will be used to explore how age structured models estimate relevant population parameters such as current stock size, level of depletion and potential yield.

**ADDENDUM TO GC-1 FORM**

The University has requested your social security number because it serves as a unique identifier. Disclosure of the number is voluntary and no statute or rule specifically directs the University to request the number. If you decline to provide the number, the University shall not for that reason deny enrollment or any other right, benefit, or privilege provided by law.

**INSTRUCTIONS** Submit two copies to Grant and Contract Services  
Complete Section A with each GC-1 Form, plus B and C if applicable

**Section A. General Information**

1. Name of Principal Investigator (PI)

Dept. Box No.: **355020**

**Ray Hilborn**  
 First Middle Initial Last

2. PI Social Security Number

3. Project is:

Basic or Applied or Training or Other  
 Research Research  X

4. Abbreviated Title--Please limit to TWENTY TWO spaces to conform to the Accounting system. This preferred short title generally will be used when a new account is established.

Short Title:

**Icelandic Cod**

5. Organization Code--The ten digit organization code consists of three digits for the School/College, two for Major Area, two for Department, and three for the Division/Subdivision level, the organization code must be completed if the academic department wants to record and report accounting transaction at the Division or Subdivision level. If the organization code is not provided, transactions will be entered only down to the Department level. Please see your department administrator for the coding information.

**2620001000**

**Section B. Voluntary Cost Sharing (Complete only if applicable; see GIM 21)**

This is a contribution of effort or other costs offered by the PI but not required by the sponsor as a condition of the award. The following costs are to be incurred by the University during the indicated budget period of the proposed grant.

**ALL VOLUNTARY COST SHARING MUST BE FROM NONFEDERAL SOURCES**

1. Voluntary Faculty and Professional effort not to be charged to the grant.

First	Middle Initial	Last	Title
Social Security #			
Qtrs. Effort will be performed (ex. WI 98)			

2. Other voluntarily contributed costs (from Budget No. \_\_\_\_\_ )

Supplies  Equipment  Other

Total of B-2 Cost Sharing \$ \_\_\_\_\_

**Section C. Mandatory Cost Sharing Information (Complete only if applicable; see GIM 21)**

The following costs are to be incurred by the University during the indicated budget period of the proposed grant.

**ALL MANDATORY COST SHARING MUST BE FROM NONFEDERAL SOURCES**

1. Mandatory Faculty and Professional effort not to be charged to the grant.

First	Middle Initial	Last	Title	Subtotal of Salaries	\$
Social Security #				No of Months) % of Time Amount	

2. Related Employee Benefits (see GIM 3 for rate) \$ \_\_\_\_\_

3. Other University Contributions (from Budget No. \_\_\_\_\_ ) \$ \_\_\_\_\_  
 (Use only if needed to meet agency's cost sharing requirement)  
 Supplies  Equipment  Other \$ \_\_\_\_\_

Subtotal of All Direct Costs \$ \_\_\_\_\_

**RCW 42.56.250(3)**

4. Related Indirect Costs (See GIM 13 for rate) \$ \_\_\_\_\_

5. TOTAL PROPOSED MANDATORY UNIVERSITY CONTRIBUTION \$ \_\_\_\_\_

06-0650

This application is routing electronically

Form eGC1

# UNIVERSITY OF WASHINGTON

## Request for Approval of Application for Grant or Contract

### Application Details

eGC1 Number: A18626  
 Long Title: Orange Roughy Fishery Management  
 Short Title: NZ Contract 2005-2006  
 Last Completed Timestamp: 8/12/2005 9:14 AM  
 Start/End Dates Requested: 9/1/2005 - 8/31/3006  
 Sponsor Deadline: 9/1/2005  
 Application Type: New  
 Sponsor: New Zealand Seafood Industry Council, Ltd. (SeaFIC)  
 Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)

### Principal Investigator

Name: Ray Hilborn

### Budget

F&A Cost Rate: 26%

	First Period	Total (all periods)
Total Direct Costs:	0	46,032
Total F&A Costs:		11,968
Total Costs:	0	58,000

### Cost Sharing

	Total (all periods)
Total Cost Sharing:	\$0

### UW Summary by Unit

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

### Compliance Questions

#### Financial and General

FG-2. YES: Proposed project will be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13.

#### Security and Export Control

(not indicated)

#### Non-Governmental Applications

NG-2. YES: Application has funding from a foreign source or foreign subsidiary entity.

**Environmental Health and Safety**

(not indicated)

**Human Subjects and Stem Cells**

(not indicated)

**Animal Use**

(not indicated)

---

**eGC1 Comments**

A draft agreement is attached. Will forward electronic copy for OSP use. Will work with Carolyn Adams in the Tax Office to renew the NZ tax exemption certificate when we receive a fully executed copy of the agreement.

---

**Details**

eGC1 Number: A18626  
Full Application Title: Orange Roughy Fishery Management  
Short Title: NZ Contract 2005-2006  
Start/End Dates Requested: 9/1/2005 - 8/31/3006  
Sponsor Deadline: 9/1/2005  
Date Needed From OSP: 9/1/2005  
Sponsor Signed Copies Required: 2  
Sponsor Unsigned Copies Required: (not indicated)

**Organization Code Receiving Funding**

Organization Code Receiving Funding: SCH AQUATIC&FISHERY SC (2620001000)  
Box Number For Official Correspondence: 355020

**Application Type**

Application Type: New  
After the Fact Application: YES

**Project Details**

Project Type: Contract  
Funding Type: Research: Applied  
International Projects: (not indicated)

**Sponsor**

Sponsor name: New Zealand Seafood Industry Council, Ltd. (SeaFIC)  
Sponsor type: Foreign Private Industry  
Address: Private Bag 24-901  
City, State, ZIP: Wellington, (not indicated), (not indicated)  
Country: New Zealand  
Contact name: Kevin Stokes  
Contact phone: (not indicated)  
Contact email: stokesk@seafood.co.nz

**Additional Information for Existing Application or Award (if applicable)**

Sponsor Number at UW: (not indicated)  
 UW Budget Number: 66-8759  
 Previous eGC1 Number(s): (not indicated)

**PI and Contacts**

**Principal Investigator**

Name: Ray Hilborn (EIN: 866007575)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Professor  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 UW box number: 355020  
 NetID: rayh  
 Phone: 206-543-3587  
 Fax: 206-685-7471  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: rayh@u.washington.edu

**Administrative Contact**

Name: Joan Mason Bodey (EIN: 867003946)  
 Selected Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 Title: Manager Of Program Operations  
 Academic Home Unit: SCH AQUATIC&FISHERY SC (2620001000)  
 NetID: jbodey  
 Phone: 206-616-9521  
 Fax: 206-616-8689  
 Cell Phone: (not indicated)  
 Pager: (not indicated)  
 Email: jbodey@u.washington.edu

**Pre-Award Budget Contact**

Name: (not indicated)

**Personnel**

Name	EID	Role Type	Selected UW Org Code	Significant Financial Interest
Ray Hilborn	866007575	Principal Investigator	SCH AQUATIC&FISHERY SC (2620001000)	No
Allan Hicks	863001192	Key Personnel	SCH AQUATIC&FISHERY SC (2620001000)	No

**Abstract & RFA/RFP**

**UW Abstract**

This is the continuation of a multi-year cooperative project with the New Zealand Fishing industry in which we develop and apply methods of

Bayesian risk analysis to support the conservation of major New Zealand fisheries. This year the primary work will be to undertake stock assessments of orange roughy stocks principally NE and NW of Chatham Rise and Challenger Plateau.

**Request for Application/Proposal or Program Announcement**

RFA/RFP/PA Number: (not indicated)  
 Title: (not indicated)  
 URL: (not indicated)

**Budget**

FAS Object code	Description	First Period	Total (all periods)
01	Salaries and Wages		
02	Service Contracts		
03	Other Contractual Services		
04	Travel		
05	Supplies and Materials		
06	Equipment		
07	Retirement and Benefits		
08	Student Aid		
38	Unallocated subtotal		46,032

**Other Object Codes**

(not indicated)

**Subcontracts**

(not indicated)

**Total Direct Costs**

	First Period	Total (all periods)
Total Direct Costs	0	46,032

**F&A Costs**

	First Period	Total (all periods)
Amount Subject to F&A Costs (base)		46,032

**F&A Cost Rate**

F&A Cost Rate 26%

	First Period	Total (all periods)
Total F&A Costs		11,968

	First Period	Total (all periods)
Total Costs	0	58,000

**Cost Sharing**

**Cost Sharing Type(s)**

Mandatory: NO  
 Committed: NO  
 Aggregate (NSF only): NO



**Personnel Cost Sharing**

Name	Cost Sharing Org Code	Cost Sharing Org Code Name	Amount
Ray Hilborn	2620001000	Sch Aquatic&Fishery Sc	\$0
Allan Hicks	2620001000	Sch Aquatic&Fishery Sc	\$0

**UW Cost Sharing (Other)**

(not indicated)

**Third Party Cost Sharing**

(not indicated)

**Unrecovered F&A Costs (if counted as Cost Sharing)**

(not indicated)

**UW Summary by Unit**

Org Code	Org Code Name	Amount
2620001000	Sch Aquatic&Fishery Sc	\$0

**Total Cost Sharing**

(not indicated)

**Compliance Questions and Explanations**

**Financial and General**

- FG-1. Does this application commit UW funds for cost sharing, matching or program continuation? NO
- FG-2. Will the proposed project be conducted off-campus (excluding outgoing subcontracts) as stated in GIM 13? YES  
 Location  
 Other - international site (explain)  
 Work will be done in Wellington, New Zealand
- FG-3. Are F&A costs reimbursed at less than the federally negotiated rate for the UW? NO
- FG-4. Does this application require any new, rental or renovation to existing space? NO
- FG-5. Does this application provide compensation for overtime, special premium, or other supplement to regular salary? NO
- FG-6. Does this application require any deliverables (other than the usual written progress reports)? NO
- FG-7. Does this application request administrative support or office supplies? NO
- FG-8. Does this application involve a UW interdisciplinary facility, service center or institute requiring additional approval? NO
- FG-9. Does this application require the review of organizations not otherwise identified on this application by the personnel involved, the organization receiving funding or the other Compliance questions (for lab space, equipment, TBA personnel, joint appointments, etc.)? NO

**Security and Export Control**

- SEC-1. Will any items be transported outside the United States in connection with this project? NO
- SEC-2. Will this project potentially be subject to export regulation? NO
- SEC-3. Will this project require restriction on information, personnel or security classification? NO

**Non-Governmental Applications**

- NG-1. Did a representative from the University Advancement (either College or Central Administration) provide assistance with this application? NO

NG-2. Does this application have funding from a foreign source or foreign subsidiary entity? YES

Explain

The agreement is with the New Zealand Seafood Industry Council.

NG-3. Does this application involve flow-through funds? NO

#### Environmental Health and Safety

EHS-1. Does the sponsor require UW Environmental Health & Safety and/or Institutional Biosafety Committee (IBC) review prior to submission to the sponsor? NO

EHS-2. Will Select Agents (e.g., anthrax) be used, transferred, or purchased for the proposed project? NO

EHS-3. Will the proposed project generate either hazardous waste without disposal options or mixed waste (both radioactive and hazardous components) or multi-hazard waste (biological and chemical and radioactive components)? NO

EHS-4. Does the proposed project involve any of these specialized uses of radiation: transuranics, gaseous alpha-emitters, or intentional release of radionuclides to the atmosphere? NO

#### Human Subjects and Stem Cells

HS-1. Does this application involve the use of human subjects? NO

HS-2. Will this research involve the use and/or creation of human embryonic stem cells? (not indicated)

#### Animal Use

AC-1. Does this application involve the use of vertebrate animals? NO

---

### Attached Documents

#### Documents to be Submitted to Sponsor

No attachments have been associated

#### Internal documents for OSP

No attachments have been associated

#### Internal documents for Dept/School/College

No attachments have been associated

#### Connected Budget Data

No attachments have been associated

#### Documents Uploaded by OSP

No attachments have been associated

---

### Certify & Route

#### Application Documents Information

Will paper documents be submitted to OSP in support of this application? (not indicated)

Will sponsor documents be submitted electronically to the sponsor? No

#### Significant Financial Interest (SFI)

#### Escalation of PI Certification

#### Disbarment Statement

By submitting this application, the PI certifies that the PI and other Key Personnel (anyone involved in the design, conduct or reporting of the research) have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency.

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects YES

Does the proposed project require Investigators to complete the UW Significant Financial Interest Disclosure Form? DOES NOT

The PI is absent and is not able to complete or sign this application. For information on approval of applications in the PI's absence, contact your department administrator/chair and read GIM 1 Section 1.B.1. YES

**Additional Information**

A draft agreement is attached. Will forward electronic copy for OSP use. Will work with Carolyn Adams in the Tax Office to renew the NZ tax exemption certificate when we receive a fully executed copy of the agreement.

**Assurance Statement**

Principal Investigator/Program Director Assurance: I certify that the statements in this eGC1 and the related sponsor application are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

I am the PI and I have read and agree with the PI Assurance Statement. I understand that approving this eGC1 electronically is equivalent to my signature. (not indicated)

**Process Application**

Is this application ready to be submitted to the sponsor by OSP? ---

A. Prepare the Form GC-1 and forward 3 copies, one with original signatures, to Grant and Contract Services with the proposal via Department Chairperson and Dean of School/College for approval. A continuation page should be added if necessary.  
B. Please furnish four extra copies of the proposal for retention by Chairperson (1), Dean of School/College (1), and Grant and Contract Services (2).  
Refer to Grants Information Memorandum Number 1 entitled "A Guide for the Preparation of Grant and Contract Proposals."

TO: GRANT AND CONTRACT SERVICES

DATE: 5/15/03

From: Ray Hilborn Professor Aquatic & Fishery Sciences 355020  
Name of Principal Investigator(s) Title Department Box Number

Attached is a proposal for a:  grant,  contract,  other (specify) \_\_\_\_\_  
Source:  governmental  non-governmental

Title of Proposal: Stock Assessment and Decision Analyses for the New Zealand Commercial Fisheries

To be forwarded to: The New Zealand Seafood Industry Council, Ltd., Private Bag 24-901, Wellington  
Name and Street Address of Sponsor  
New Zealand - Attention: Owen Symmans  
City, State and Zip of Sponsor

Amount Requested: \$91026 Support Requested From: 7/1/03 through 6/30/04  
Date Date

Application is:  new,  renewal,  supplemental,  revision of proposal dated: \_\_\_\_\_

Current sponsor grant of contract number if continuation of active project 66-5807  
Budget Number (Sub-Budget)

Sponsor requires 1 signed, plus \_\_\_\_\_ unsigned copies of proposal by ASAP - 5/23  
Number\* Number\* sponsor deadline, if any

\*These numbers do not include UW copies; see B above.

If answer to any of the following questions is YES, use page 2 to explain. Where appropriate, INCLUDE INDICATIONS OF APPROVAL or CONCURRENCE for the concerned departments, schools/colleges, or interdisciplinary facilities and service centers (e.g., Regional Primate Research Center, Center on Human Development and Disability, Library, Summer Quarter, Graduate School, Environmental Health and Safety).

- |          |          |  |
|----------|----------|--|
| YES      | NO       |  |
| <u>X</u> | <u>X</u> | 1. Will new space or renovation of existing space be required?   |
| <u>X</u> | <u>X</u> | 2. Will the proposed project be conducted off campus?  |
| <u>X</u> | <u>X</u> | 3. Does the proposal involve radionuclides <input type="checkbox"/> , x-ray <input type="checkbox"/> , pathogenic organisms <input type="checkbox"/> , human or animal blood cells, tissues, body fluids <input type="checkbox"/> , recombinant DNA <input type="checkbox"/> , chemical carcinogens-mutagens-teratogens <input type="checkbox"/> , diving <input type="checkbox"/> ? |
| <u>X</u> | <u>X</u> | 4. Does the proposal involve the use of animals <input type="checkbox"/> ? human subjects <input type="checkbox"/> ? approval date: _____ application number: _____  |
| <u>X</u> | <u>X</u> | 5. Will restriction on information, or security classification, be required?   |
| <u>X</u> | <u>X</u> | 6. Is more than one department, school, or college involved in the proposal?   |
| <u>X</u> | <u>X</u> | 7. Is an interdisciplinary facility or service center involved?  |
| <u>X</u> | <u>X</u> | 8. Does the proposal specify any deliverables other than the usual written progress reports?   |
| <u>X</u> | <u>X</u> | 9. Are any special resources required, e.g., expanded library services materials?  |
| <u>X</u> | <u>X</u> | 10. Are indirect costs reimbursed at less than established University rates?   |
| <u>X</u> | <u>X</u> | 11. Does the proposal commit University funds for matching or program continuation?  |
| <u>X</u> | <u>X</u> | 12. Does the proposal provide compensation for overtime, special premium, or other supplement to regular salary?   |
| <u>X</u> | <u>X</u> | 13. Is the source of the proposed funding from a foreign or foreign subsidiary entity?   |
| <u>X</u> | <u>X</u> | 14. If non-governmental did a representative of the Office of Development (either College or Central Administration) provide assistance with the proposal? If so, who?   |

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GRANT & CONTRACT SERVICES

The PI affirms that all Investigators on the project have read the UW Investigator Significant Financial Interest Disclosure Policy for Sponsored Projects and that the proposed project does  or does not  require Investigators to complete the UW Significant Financial Interest Disclosure Form. (Attach the completed form if applicable).

SIGNATURES AND INSTITUTIONAL APPROVAL	
Proposed by: <u>Ray Hilborn</u> Principal Investigator(s) <u>rayh@u.washington.edu</u> Email Address(es)	Approved by: <u>5-23-03 Barbara Puryear</u> Director, Grant and Contract Services Under authority delegated by Vice Provost for Research
Approved and Recommended by: <u>[Signature]</u> Chairperson/Director Date	Other Concurrence (if needed) _____ Date
Approved and Recommended by: _____ Dean of School/College Date	Transmitted: _____ Date By: _____

Explanations relating to questions on Page 1. If answer to questions 3 and/or 9 is YES, the investigator must supply the appropriate office (Environmental Health and Safety, Library) with a photocopy of the GC-1 form at the time Departmental approval is obtained. USE GC-1 CONTINUATION SHEET IF NECESSARY.

- 2. The work will be done in New Zealand.
- 13. The agreement is with the New Zealand Seafood Industry Council.

This is a quantitative study only and does not involve the use of animals.

Draft Agreement is attached.

Complete this section for every proposal. The types of expenditures that fall within each category are identified in the UW Operations Manual, Volume 1, Section D, 30.

BUDGET CATEGORIES	FAS OBJECT CODE	1st Period	Total
Salaries and Wages	01	\$ _____	\$ _____
Contract Personal Services	02	_____	_____
Other Contractual Services	03	_____	_____
Travel	04	_____	_____
Supplies and Materials	05	_____	_____
Equipment	06	_____	_____
Retirement and Benefits	07	_____	_____
Student Aid	08	_____	_____
Unallocated	38	<u>72,243</u>	<u>72,243</u>
Other _____		_____	_____
<b>TOTAL DIRECT COSTS</b>		<b>\$72,243</b>	<b>\$72,243</b>
Indirect Costs:			
% of Allowable Direct Costs*	25	%26.00%	%26.00%
*Amount Subject of Indirect Cost (Base)		<u>72,243</u>	<u>72,243</u>
<b>TOTAL INDIRECT COSTS</b>		<b>\$ 18,783</b>	<b>\$ 18,783</b>
<b>TOTAL</b>		<b>\$ 91,026</b>	<b>\$ 91,026</b>

ABSTRACT OF PROPOSED WORK. This abstract of approximately 200 words, should express the purpose and essence of the proposed activity in language understandable to nonspecialists. *These abstracts are relied upon heavily by those charged with explaining the University's research programs to the public and the state government. Therefore, the importance of preparing them carefully cannot be overemphasized.*

This is the 15<sup>th</sup> year of a cooperative project with the New Zealand Fishing Industry in which we develop and apply methods of Bayesian risk analysis to support the conservation of major New Zealand fisheries for hoki and orange roughy stocks. We are continuing to develop age- and size-structured models to use research survey and commercial fisheries catch data to evaluate the consequences of different quota levels and to train New Zealand fisheries staff in the use of these models.

**Addendum to GC-1 Form**  
**Section A: General Information**

Submit two copies to Grants and contract Services  
 Complete Section A with each GC-1 Form, plus B, if applicable.

1. Name of Principal Investigator (PI): Ray Hilborn  
First, Middle Initial Last
2. PI Employee Identification (EID): 866 -007 -575
3. Project is: Basic Research  or Applied Research  or Training  or Other
4. Abbreviated Title: Please limit to TWENTY-TWO spaces. NZ Contract 15
5. Organization Code: 2620001000
6. Departmental Cost Share Contact: Na  
First Last Phone Email

**Section B: Cost Sharing (Compete only if applicable; see GIM 21)**

**ALL COST SHARING FOR FEDERAL GRANTS MUST BE FROM NON-FEDERAL SOURCES**

1. Cost sharing is: Mandatory  Committed  NSF Aggregate

**Multiple cost share types and/or multiple faculty:** If the award has more than one type of cost sharing or more than one faculty with cost sharing effort, prepare an attachment to the GC-1 Addendum. See page 2 of the GC-1 Addendum for template.

Faculty and Professional effort not to be charged to the grant.

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">First, Middle Initial</td> <td style="width: 50%; border-bottom: 1px solid black;">Last</td> </tr> <tr> <td colspan="2" style="border-bottom: 1px solid black;">Title:</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Employee Identification (EID):</td> <td style="text-align: center;">- -</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Paid from Object/Subobject Code:</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">% of Time per Month:</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Number of Months C/S Will Be Performed:</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Monthly Salary Amount:</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Total Salary Contribution (Add to #2 below):</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Benefits (Add to #3 below):</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">F&amp;A (Indirect) Costs (Add to #6 below):</td> <td></td> </tr> </table>	First, Middle Initial	Last	Title:		Employee Identification (EID):	- -	Paid from Object/Subobject Code:		% of Time per Month:		Number of Months C/S Will Be Performed:		Monthly Salary Amount:		Total Salary Contribution (Add to #2 below):		Benefits (Add to #3 below):		F&A (Indirect) Costs (Add to #6 below):		<p>List EACH quarter and year cost sharing will be performed:</p> <p>Example: Winter: 12/16/xx to 3/15/xx Spring: 3/16/xx to 6/15/xx                  Summer: 6/16/xx to 9/15/xx Autumn: 9/16/xx to 12/15/xx</p>
First, Middle Initial	Last																				
Title:																					
Employee Identification (EID):	- -																				
Paid from Object/Subobject Code:																					
% of Time per Month:																					
Number of Months C/S Will Be Performed:																					
Monthly Salary Amount:																					
Total Salary Contribution (Add to #2 below):																					
Benefits (Add to #3 below):																					
F&A (Indirect) Costs (Add to #6 below):																					

2. Subtotal of Salaries: ..... \$ \_\_\_\_\_
3. Subtotal of Related Employee Benefits (See GIM 13 for rate): ..... \$ \_\_\_\_\_
4. University Contributions (from budget # \_\_\_\_\_)  
(Use only if needed to meet agencies' cost share requirement)

Supplies	05-99	\$ _____
Equipment	06-00	\$ _____
Other	_____	\$ _____

Object Code

Subtotal University Contributions: ..... \$0 \_\_\_\_\_
5. Subtotal Third Party Contributions: ..... \$ \_\_\_\_\_  
 Name: \_\_\_\_\_
- Subtotal of Direct Costs..... \$0 \_\_\_\_\_**
6. Subtotal Related Facilities and Administrative (Indirect) Costs:  
 Indirect Cost Rate: \_\_\_\_\_  
 Indirect Cost Base: \_\_\_\_\_  
\$0 \_\_\_\_\_
7. **Total Proposed University Contribution: ..... \$0 \_\_\_\_\_**