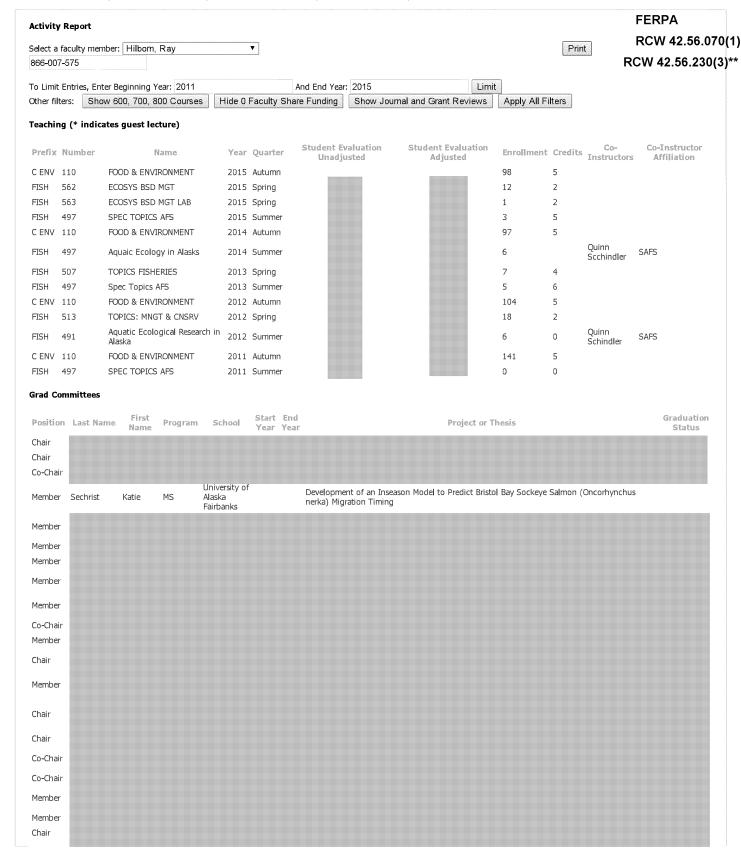


AAR Data Administration

Awards | Collaborators | Committees | Funding | Grad Committees | Highlights | Mentoring | Outreach | Presentations | Publications | Service | Teaching

Manage Publications | Manage Grad Committees | Manage Service | Faculty and Collaborators | Faculty Statements | Students and Programs | Journals and Publishers | Activity Report

Teaching Work Planning | Research Work Planning | Publications Work Planning | Service Work Planning | Work Planning Status



Co-Chair										
Member Member										
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Mentoring	I									
	Mentoring	Last Name	First Name			Start Year			Project	Graduation Status
Postdocto:		Amoroso Melnychuk	Ricardo Michael	Post Doc Post-Doc	UW Post-doc	2013	2015 2014	Several projects on stati	us of fish stocks and fisheries	Current Completed
Postdocto		Baker	Matthew R	Post-Doc	AFS	2011	2012	Several projects on state	as of fish scores and fisheres	Completed
Postdocto	ral Fellow	Lessard	Bob	Post-doc	AFS	2008	2011			Completed FERPA
Grad Stud	lent Accomp	olishments								RCW 42.56.070(1)
Position	Last Name	First Nam	e Start Year	End Year Pro	gram Aw	ards Service	à		Project or Thesis	
Chair			3 C21	1 CB1						
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	Chair			
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Mentored Student Accomplishments Type of Mentoring Last Name First Name Start Year End Year Program Awards Service Project or Thesis RCW 42.56.070(1)

Type of Mentoring	Last Name	First Name	Start Year	End	l Year	Program	Awards	Service	Pro	ject or The	sis	RCW	<i>I</i> 42
Postdoctoral Fellow	Amoroso	Ricardo	2013	2015	5	Post Doc							
Post- Doc	Dellatorre, FG Orensanz, JM	, Amoroso, R, S	Saravia, J, 2	014 Ra	apid ex ie Sout	kpansion and p thwest Atlantic	ootential ran	ige of the inv	asive kelp Undaria pinna	tifida in Aq Inv		9 4 467	478
Postdoctoral Fellow	Melnychuk	Michael	2011	2014		Post-Doc			Several projects on status		ks an	d fisheries	S
Post- Doc	Melnychuk, MC	, Banobi, JA, H	ilborn, R	2013 K	Effects Nesten	of Manageme n North Americ	nt Tactics o can Ground	n Meeting Co fish Fisheries	nservation Objectives for	PLOS ONE	8	2 e56684	
	Melnychuk, MC V, Bothwell, M		Christensen,	2012 E	Effects and fry	of solar ultrav -to-smolt grov	iolet radiation of juven	on exposure ile salmon	on early ocean survival	Mar Ecol Prog Ser	457	251	264
Postdoctoral Fellow	Baker	Matthew R	2011	2012	2	Post-Doc							
Post- Doc	Baker, MR, Holl	owed, AB			2015 p		ure and con	nmunity com	e systems: Integrating position to inform spatia	Deep- Sea Res Part II	109	215	240
Post- Doc	Baker, MR, Vyn	ne, CH			2014	Cortisol profile values at migra	s in sockeye ation, matur	salmon: Sar ation, spawn	nple bias and baseline ing, and senescence	Fish Res	154	38	43
Post- Doc	Nye, JA, Baker, KH, Friedland, Houtan, KS, W	MR, Bell, R, Ke KD, Martino, E, ood, R	nny, A, Kilbou Stachura, MM,	me, Van	2014	Ecosystem effe	ects of the A	tlantic Multic	decadal Oscillation	J Mar Syst	133	103	116
Post- Doc	Baker, MR, Swa	nson, P, Young	g, G			Injuries from n reproductive m			sheries suppress	PLOS ONE	8	7 e69615	
Post- Doc	Vynne, C, Bake	r, MR, Breuer, Z	ZK, Wasser, SK			Factors influen wolf scat	cing degrac	lation of DNA	A and hormones in mane	d Animal Cons	15	184	194
Postdoctoral Fellow	Lessard	Bob	2008	2011	L	Post-doc							

Funding (including co-PI funding)

3\ 3							
Long Title	Sponsor	Start Date	End Date	Amount	Faculty Share	Budget	Co-PI
FRI Discretionary Fund	Alaska Salmon Processors	3/13/1989	12/30/2019	\$109,492.00	\$109,492.00	64-1306	
Impacts of Fishing	Donations from a range of organizations	9/23/2010	12/30/2019	\$129,000.00	\$129,000.00	65-8667	
Impacts of Trawling	Stakeholders in Trawling Impacts	10/1/2012	12/30/2019	\$100,000.00	\$100,000.00	65-9062	
Evaluate Productivity and Abundance of Selected Salmonid Populations in Olympic National Park	National Park Service (NPS)	9/15/2014	12/31/2016	\$66,975.00	\$34,000.00	62-8570	
Evaluation of governance alternatives in managing recreational fisheries in the U.S.	National Marine Fisheries Service (NMFS)	7/1/2014	6/30/2016	\$180,544.00	\$180,544.00	62-7961	
A continental synthesis of portfolio effects in Pacific salmon and their watersheds $% \left(1\right) =\left(1\right) \left(1$	Gordon and Betty Moore Foundation	11/15/2010	12/31/2015	\$596,876.00	\$100,000.00	63-5512	Daniel Schindler
JRC status of fish stock	European Commission	8/6/2015	12/31/2015	\$13,830.00		63-5923	
Legal and Institutional Dimensions of Fisheries Success: Blue Swimming Crab	Walton Family Foundation	11/1/2014	10/31/2015	\$79,173.00	\$79,173.00	63-0171	
CNH: Diversification, Portfolio Effects, and the Sustainability of Fishing Communities	National Science Foundation	9/1/2011	8/31/2015	\$1,499,997.00	\$250,000.00	62-2999	Daniel Schindler
Trawling: finding common ground on the scientific knowledge regarding best practices Packard II	David and Lucile Packard Foundation	6/13/2014	7/31/2015	\$75,000.00	\$75,000.00	66-8248	
Integrating spatial habitat and fisheries effort data to improve abundance estimates of west coast groundfish	National Oceanic and Atmospheric Administration (NOAA)	7/1/2010	6/30/2015	\$51,769.00	\$51,769.00	62-0479	
Tropical Trawl Fishery Impacts in Asia: Investigating management decision processes in 3 countries that led to successful/unsuccessful outcomes	National Oceanic and Atmospheric Administration (NOAA)	7/1/2014	6/30/2015	\$88,314.71	\$88,314.71	62-8317	
Institutional Dimensions of Fisheries Success and BSC Fisheries Reform in Indonesia	David and Lucile Packard Foundation	12/1/2014	6/30/2015	\$50,000.00	\$50,000.00	63-0057	
Trawling: finding common ground on the scientific knowledge regarding best practices Year 2	Walton Family Foundation	6/1/2014	5/31/2015	\$74,991.00	\$74,991.00	66-8771	
Impacts of climate and physical conditions on Artic-Yukon- Kuskokwim Chinook salmon survival	Artic-Yukon-Kushokwim Sustainable Salmon Initiative (AYK SSI)	5/1/2013	4/30/2015	\$62,015.00	\$31,000.00	66-7533	
Impacts of climate and physical conditions on Artic-Yukon- Kuskokwim Chinook salmon survival	Bering Sea Fisherman's Association	5/1/2013	4/30/2015	\$254,207.00	\$126,000.00	66-7533	
Merging stock status data bases	University of California, Santa Barbara	7/1/2014	4/30/2015	\$32,500.00	\$32,500.00	66-8566	

В	Bristol Bay 9	Salmon	Peter Pan Seafoods, Inc.	4/1/19	997	3/31/2015	\$16,345.46	\$16,345	.46	63 - 84	62		
В	Bristol Bay 9	Salmon	Peter Pan Seafoods, Inc.	4/1/19	997	3/31/2015	\$17,073.00	\$17,073	.00	63 - 84	62		
В	Bristol Bay 9	Salmon	Yardarm Knot, Inc.	4/1/19	997	3/31/2015	\$7,940.00	\$7,940.	00	63-84	62		
В	Bristol Bay S	Salmon	Peter Pan Seafoods, Inc.	4/1/19	997	3/31/2015	\$5,489.00	\$5,489.	00	63 - 84	62		
d	leveloping	n of a Workshop on use of best available science in and promoting best practices for trawl fishing n Southeast Asia	United Nations, Food and Agriculture Organization	12/19	/2013	12/31/2014	\$65,000.00	\$65,000	.00	66-40	98		
		Escapement Goals for Bristol Bay Sockeye Salmon Account Biological and Economic Factors	Bristol Bay Science and Research Institute (BBSRI)	7/1/20	013	12/31/2014	\$74,035.00	\$37,000	.00	66-86	56		
L	egal and Ir	nstitutional Dimensions of Fisheries Success	Walton Family Foundation	10/1/2	2013	9/30/2014	\$106,950.00	\$106,95	0.00	66-12	44		
F	inding the	keys to sustainability in world fisheries	Walton Family Foundation	7/1/20	013	6/30/2014	\$99,949.00	\$99,949	.00	66-09	66		
		k Population Dynamics Framework for the Recovery ato River Chinook Salmon.	California Bay-Delta Authority	7/1/20	011	6/30/2014	\$695,753.00	\$695,75	3.00	66-18	74		
F	inding con	nmon ground in best practices for bottom trawling	Walton Family Foundation	7/1/20	012	6/30/2014	\$150,000.00	\$150,00	0.00	6654	75		
Д	Assessing fis	sheries biological, social and economic performance	United Nations, Food and Agriculture Organization	12/30	/2012	5/31/2014	\$80,000.00	\$80,000	.00	66-58	36		
C	Coordinatio	n and Cooperation in Fisheries," is	Kingfisher foundation	10/1/2	2012	12/31/2013	\$100,000.00	\$100,00	0.00	65-91	18,		
		nding common ground on the scientific knowledge est practices Packard	David and Lucile Packard Foundation	10/1/2	2012	9/30/2013	\$150,000.00			66-59	36		
		nstitutional Dimensions of Fisheries Success: Fishing perative Frameworks, and the Use of Science	Walton Family Foundation	8/1/20	011	7/31/2013	\$198,237.00			66-21	81		
	ish produc of marine e	tivity and fishing impacts compared across a range cosystems	National Oceanic and Atmospheric Administration (NOAA)	7/1/20	010	6/30/2013	\$85,089.00			62-04	79		
G	Global Data	Base	A group of N.E. Pacific Fishing Industries	6/13/2	2011	6/12/2013	\$320,000.00	\$320,00	0.00	65-88	27		
F	inding the	keys to sustainability in world fisheries	Walton Family Foundation	5/1/20		4/30/2013	\$99,612.00			66-42	54		
	Bristol Bay S		Peter Pan Seafoods, Inc.	4/1/19	997	3/31/2013	\$10,977.00			63 - 84	62		
n	nanagemen		Bristol Bay Regional Seafood Development Association	//30/2	2009	1/31/2013	\$378,000.00			63-57	72		ames eeb
n	nanagemen		Bristol Bay Regional Seafood Development Association	//30/2	2009	1/31/2013	\$52,027.48			63-57	72		
	NEW Reduc nanagemen	ing foregone harvest by changing in-season t	Bristol Bay Regional Seafood Development Association	//30/2		1/31/2013	\$67,281.00			63-57	72		
		Analysis of Marine Ecosystems	NSF	1/1/20	010	12/31/2012	\$496,569.00						
R	Range of W		Gordon and Betty Moore Foundation	1/1/20			\$596,876.00						
	ost Doc Fu	-	NOAA/CAMEO	1/1/20	010	12/31/2012	\$166,909.00						
		nstitutional Dimensions of Fisheries Success: Fishing perative Frameworks, and the Use of Science	Environmental Defense	8/1/20	011	8/30/2012	\$99,119.00			66-28	65		
	ish produc of marine e	tivity and fishing impacts compared across a range cosystems	National Oceanic and Atmospheric Administration (NOAA)	7/1/20	010	8/31/2011	\$81,820.00			62-04	79		
В	Biocomplexi	ty and management of Pacific salmon	Gordon and Betty Moore Foundation	6/1/20	800	5/31/2011	\$3,600,000.0	0		63-42	31		om uinn
P	ublication	s (including co-authorships, * indicates accept	ed, in press)										
	Туре	Authors	Y	ear		Title	Book Title	Journal	Volu	me	Issue	Start Page	End or
												rage	Total
р	Article - peer eviewed	Durant, SM, Becker, MS, Creel, S, Bashir, S, Dickmai Lichtenfeld, L, Hilborn, R, Wall, J, Wittemyer, G, Bas Boitani, L, Breitenmoser, C, Broekhuis, F, Christiansc Davenport, TRB, Deutsch, J, Devillers, P, Dollar, L, I Hamilton, I, Droge, E, FitzHerbert, E, Foley, C, Hazz Ikanda, D, Jacobson, A, Joubert, D, Kelly, MJ, Milan J, Msuha, M, Mweetwa, T, Nyahongo, J, Rosenblatt, Zubiri, C, Sinclair, ARE, Price, MR, Zimmermann, A,	Jamjav, L, Blake, S, In, D, Cozzi, G, Jolrenry, S, Douglas- ah, L, Hopcraft, JGC, zi, J, Mitchell, N, M'Soka, E, Schuette, P, Sillero-	015 p		ing fencing for dryland ems		J Appl Ecol	52		3	544	551
р	Article - peer eviewed	Harmon, BS, Hilborn, R, Quinn, TP	20)15 a s	estode Schistod and effe oody co survival	n by the parasite cephalus sp. ects on diet, ondition, and of sculpins alleuticus and		J Fish Biol	86		5	1621	1629

Article - peer reviewed	Durant, SM, Becker, MS, Creel, S, Bashir, S, Dickman, AJ, Beudels-Jamar, RC, Lichtenfeld, L, Hilborn, R, Wall, J, Wittemyer, G, Badamjay, L, Blake, S, Boitani, L, Breitenmoser, C, Broekhuis, F, Christianson, D, Cozzi, G, Davenport, TRB, Deutsch, J, Devillers, P, Dollar, L, Dolrenry, S, Douglas-Hamilton, I, Droge, E, FitzHerbert, E, Foley, C, Hazzah, L, Hopcraft, JGC, Ikanda, D, Jacobson, A, Joubert, D, Kelly, MJ, Milanzi, J, Mitchell, N, M'Soka, J, Msuha, M, Mweetwa, T, Nyahongo, J, Rosenblatt, E, Schuette, P, Sillero-Zubiri, C, Sinclair, ARE, Price, MR, Zimmermann, A, Pettorelli, N	2015	Developing fencing policies for dryland ecosystems	J Appl Ecol	52	3	544	551
Article - peer reviewed	Harmon, BS, Hilborn, R, Quinn, TP	2015	Infection by the cestode parasite Schistocephalus sp. and effects on diet, body condition, and survival of sculpins Cottus aleuticus and C. cognatus	J Fish Biol	86	5	1621	1629
Article - peer reviewed	Hilborn, R, Fulton, EA, Green, BS, Hartmann, K, Tracey, SR, Watson, RA	2015	When is a fishery sustainable?	Can J Fish Aquat Sci	72	9	1433	1441
Article - peer reviewed	Little, AS, Needle, CL, Hilborn, R, Holland, DS, Marshall, CT	2015	Real-time spatial management approaches to reduce bycatch and discards: experiences from Europe and the United States	Fish and Fisheries	16	4	576	602
Article - peer reviewed	McGilliard, CR, Punt, AE, Methot, RD, Hilborn, R	2015	Accounting for marine reserves using spatial stock assessments	Can J Fish Aquat Sci	72		262	280
Article - peer reviewed	Ono, K, Punt, AE, Hilborn, R	2015	How do marine closures affect the analysis of catch and effort data	Can J Fish Aquat Sci	72		1177	1190
 Article - peer	Ono, K, Punt, AE, Hilborn, R	2015	Think outside the grids: An objective approach to define	Fish Res	170		89	101

reviewe	1		spatial stratafor catch and effort analysis						
Book Chapter	Rentsch, D, Hilborn, R, Knapp, EJ, Metzger KL, Loibooki, M	2015	Bushmeat hunting in the Serengeti ecosystem: an assessment of drivers and impact on migratory and nonmigratory wildlife	sustaining biodiversity in a coupled human-	University of Chicago Press			649	678
Article - peer reviewe	Schindler, DE, Hilborn, R	2015	Prediction, precaution, and policy under global change	oyota	Science	347	6225	953	954
Article - peer reviewe	Szuwalski, CS, Hilborn, R	2015	Environment drives forage fish productivity		Proc Nat Acad Sci	112	26	E3314	E3315
Article - peer reviewe	Szuwalski, CS, Vert-pre, KA, Punt, AE, Branch, TA, Hilborn, R	2015	Examining common assumptions about recruitment: a meta- analysis of recruitment dynamics for worldwide marine fisheries		Fish and Fisheries	16		633	648
Article - peer reviewe	Thorson, JT, Jensen, OP, Hilborn, R	2015	Probability of stochastic depletion: an easily interpreted diagnostic for stock assessment modelling and fisheries management		ICES J Mar Sci	72	2	428	435
Article - peer reviewe	Baker, MR, Schindler, DE, Essington, TE, Hilborn, R	2014	Accounting for escape mortality in fisheries: implications for stock productivity and optimal management		Ecol Appl	24		55	70
Article - peer reviewe	Bentley, KT, Schindler, DE, Cline, TJ, Armstrong, JB, Macias, D, Ciepiela, LR, Hilborn, R	2014	Predator avoidance during reproduction: diel movements by spawning sockeye salmon between stream and lake habitats		J Anim Ecol	83	6	1478	1489
Article - peer reviewe	DeAlessi, M, Sullivan, JM, Hilborn, R	2014	The legal, regulatory, and institutional evolution of fishing cooperatives in Alaska and the West Coast of the United States		Mar Policy	43		217	225
Article - peer reviewe	Griffiths, JR, Schindler, DE, Armstrong, JB, Scheuerell, MD, Whited, DC, Clark, RA, Hilborn, R, Holt, CA, Lindley, ST, Stanford, JA, Volk, EC	2014	Performance of salmon fishery portfolios across western North America		J Appl Ecol	51	6	1554	1563
Article - peer reviewe	Hilborn, R	2014	Introduction to Marine Managed Areas		Advanc Mar Biol	69		1	13
Article - peer reviewe	Hilborn, R, Hively, DJ, Jensen, OP, Branch, TA	2014	The dynamics of fish populations at low abundance and prospects for rebuilding and recovery		ICES J Mar Sci	71		2141	2151
Article - peer reviewe	Hilborn, R, Ovando, D	2014	Reflections on the success of traditional fisheries management		ICES J Mar Sci	71	5	1040	1046
Article - peer reviewe	Hughes, KM, Kaiser, MJ, Jennings, S, McConnaughey, RA, Pitcher, R, Hilborn, R, Amoroso, RO, Collie, J, Hiddink, JG, Parma, AM	2014	Investigating the effects of mobile bottom fishing on benthic biota: a systematic review protocol.		Environ Env	3	1	1	10
Article - peer reviewe	Melnychuck, MC, Banobi, JA, Hilborn R i	2014	The adaptive capacity of fishery management systems for confronting climate change impacts on marine populations		Rev Fish Biol Fish	24	2	561	575
Article - peer reviewe	Peterson, DA, Hilborn, R, Hauser, L	2014	Local adaptation limits lifetime reproductive success of dispersers in a wild metapopulation		Natur Comm	5		3696	
Article - peer reviewe	Quinn, TP, Cunningham, CJ, Randall, J, Hilborn, R	2014	Can intense predation by bears exert a depensatory effect on recruitment in a Pacific salmon population?		Oecologia	176	2	445	456
Article - peer reviewe Article -	Rassweiler, A, Costello, C, Hilborn, R, Siegel, DA i	2014	Integrating scientific guidance into marine spatial planning Is the ocean food		Proc R Soc Lond B	281			

peer reviewed	Branch, TA, Hively, DJ, Hilborn, R	2013	provision index biased?	Nature	495		E5	E6
Article - peer reviewed	Creel, S, Becker, MS, Durant, SM, M'Soka, J, Matandiko, W, Dickman, AJ,Christianson, D, Droge, E, Mweetwa, T, Pettorelli, N, Rosenblatt, E, Schuette, P, Woodroffe, R, Bashir, S, Beudels-Jamar, RC, Blake, S, Bomer, M, Breitenmoser, C, Broekhuis, F, Cozzi, G, Davenport, TRB, Deutsch, J, Dollar, L, Dolrenry, S, Douglas-Hamilton, I, Fitzherbert, E, Foley, C, Hazzah, L, Henschel, P, Hillborn, R, Hopcraft, JGC, Ikanda, D, Jacobson, A, Joubert, B, Joubert, D, Kelly, MS, Lichtenfeld, L, Mace, GM, Milanzi, J, Mitchell, N, Msuha, M, Muir, R, Nyahongo, J, Pimm, S, Purchase, G, Schenck, C, Sillero-Zubiri, C, Sinclair, ARE, Songorwa, AN, Stanley-Price, M, Tehou, CA,Trout, C, Wall, J, Wittemyer, G,Zimmermann, A	2013	Conserving large populations of lions - the argument for fences has holes	Ecol Lett	16	11	1413	+
Article - peer reviewed	Dougherty, DT, Hilborn, R, Punt, AE	2013	Modeling co- occurring groundfish species: a simulation study on the effects of the spatial scale for setting management targets	Can J Fish Aquat Sci	70	1	49	56
Article - peer reviewed	Hall, SJ, Hilborn, R, Andrew, NL, Allison, EH	2013	Innovations in capture fisheries are an imperative for nutrition security in the developing world	PNAS USA	110	21	8393	8398
Article - peer reviewed	Hilborn, R	2013	Ocean and dam influences on salmon survival	Proc Nat Acad Sci	110		6618	6619
Article - peer reviewed	Hilborn, R, Branch, TA	2013	Does catch reflect abundance? No, it is misleading	Nature	494		303	306
Article - peer reviewed	Kaplan, DM, Bach, P, Bonhommeau, S, Chassot, E, Chavance, P, Dagom, L, Davies, T, Dueri, S, Fletcher, R. Fonteneau, A. Fromentin, J. M. Gaertner, D, Hampton, J, Hilborn, R, Hobday, AJ, Kearney, R, Kleiber, P, Lehodey, P, Marsac, F, Maury, O, Mees, C, Menard, F, Pearce, J, Sibert, J	2013	The True Challenge of Giant Marine Reserves	Science	340		810	811
Article - peer reviewed	Magnusson, A, Punt, AE, Hilborn, R	2013	Measuring uncertainty in fisheries stock assessment: the delta method, bootstrap, and MCMC	Fish and Fisheries	14		325	342
Article - peer reviewed	Melnychuk, MC, Banobi, JA, Hilborn, R	2013	Effects of Management Tactics on Meeting Conservation Objectives for Western North American Groundfish Fisheries	PLOS ONE	8	2	e56684	
Article - peer reviewed	Ono, K, Holland, DS, Hilborn, R	2013	How does species association affect mixed stock fisheries management? A comparative analysis of the effect of marine protected areas, discard bans, and individual fishing quotas	Can J Fish Aquat Sci	70	12	1792	1804
Article - peer reviewed	Simmons, RK, Quinn, TP, Seeb, LW, Schindler, DE, Hilborn, R	2013	Role of estuarine rearing for sockeye salmon in Alaska	Mar Ecol Prog Ser	481		211	223
Article - peer reviewed	Simmons, RK, Quinn, TP, Seeb, LW, Schindler, DE, Hilborn, R	2013	Summer emigration and resource acquisition within a shared nursery lake by sockeye salmon (Oncorhynchus nerka) from historically discrete rearing environments	Can J Fish Aquat Sci	70		57	63
Article - peer reviewed	Sinclair, ARE, Metzger, KL, Fryxell, JM, Packer, C, Byrom, AE, Craft, ME, Hampson, K, Lembo, T, Durant, SM, Forrester, GJ, Bukombe, J, Mchetto, J, Dempewolf, J, Hilborn, R, Cleaveland, S, Nkwabi, A, Mosser, A, Mduma, SAR	2013	Asynchronous food- web pathways could buffer the response of Serengeti predators to El Nino Southern Oscillation	Ecology	94	5	1123	1130
Article - peer reviewed	Vert-pre, KA, Amoroso, RO, Jensen, OP, Hilborn, R	2013	Frequency and intensity of productivity regime shifts in marine fish stocks	Proc Nat Acad Sci	110		1779	1784
Article - peer reviewed	Buhle, ER, Feist, BE, Hilborn, R	2012	Population dynamics and control of invasive Spartina altemiflora: inference and forecasting under uncertainty	Ecol Appl	22		880	893
Article - peer reviewed	Costello, C, Ovando, D, Hilborn, R, Gaines, SD, Deschenes, O, Lester, SE	2012	Status and Solutions for the World's Unassessed Fisheries	Science	338		517	520
Article - peer reviewed	Cowan, J, Rice, J, Walters, CJ, Hilborn, R, Essington, TE, Day, J, Boswell K	2012	Challenges for implementing an ecosystem-based approach to fisheries management	Mar Coast Fish: Dynam, Mgmt, Ecosys Sci	4		496	510
Article - peer reviewed	Grafton, QR, Kompas, T, Che, TN, Chu, L, Hilborn, R	2012	BMEY as a fisheries management target	Fish and	13		303	312

Article - peer reviewed	Gutierrez NL, Valencia SR, Branch TA, Agnew DJ, Baum JK, Bianchi PL, Cornejo-Donoso J, Costello C, Defeo O, Essington TE, Hilborn R, Hoggarth DD, Larsen AE, Ninnes C, Sainsbury K, Selden RL, Sistla S, Smith ADM, Stern-Pirlot A, et al	2012	Eco-Label Conveys Reliable Information on Fish Stock Health to Seafood Consumers		PLOS ONE	7	8	e43765	
Article - peer reviewed	Hilborn, R	2012	The evolution of quantitative marine fisheries management 1985- 2010		Nat Res Model	25		122	144
Article - peer reviewed	Hilborn, R	2012	The role of science in MPA establishment in California: a personal perspective		Environ Conserv	39	3	195	198
Review of Publication	Hilborn, R	2012	Ecosystem-based fisheries management: conftonting tradeoffs (A review)		Quart Rev Biol	December 2012		383	
Book	Hilborn, R	2012		Overfishing: What Everyone Needs to Know	Oxford University Press				168
Published Abstract	Hilborn, R	2012	The environmental costs of food production (Abstract)		J Shellfish Res	31		296	296
Article - popular	Hilborn, R, Hilborn, U	2012	Have your hake and eat it too NY Times Op Ed			May 23			
Article - peer reviewed	Hilborn, R, Stewart, IJ, Branch, TA, Jensen, OP	2012	Defining trade-offs among conservation, profitability, and food security in the California Current bottom-trawl fishery		Cons Biol	26	2	257	266
Article - peer reviewed	Jensen, OP, Branch, TA, Hilborn, R	2012	Marine fisheries as ecological experiments		Theoret Ecol	5		3	22
Article - peer reviewed	Pess, GR, Hilborn, R, Kloehn, K, Quinn, TP	2012	The influence of population dynamics and environmental conditions on pink salmon recolonization after barrier removal		Can J Fish Aquat Sci	69		970	982
Article - peer reviewed	Sethi, SA, Dalton, M, Hilborn, R	2012	Managing harvest risk with catch- pooling cooperatives		ICES J Mar Sci	69		1038	1044
Article - peer reviewed	Sethi, SA, Dalton, M, Hilborn, R	2012	Quantitative risk measures applied to Alaskan commercial fisheries		Can J Fish Aquat Sci	69		487	498
Article - peer reviewed	Banobi, JA, Branch, TA, Hilborn, R	2011	Do rebuttals affect future science?		Ecosphere	2	3	art37	
Article - peer reviewed	Branch, TA, Jensen, OP, Ricard, D, Ye, Y, Hilborn, R	2011	Contrasting global trends in marine fishery status obtained from catches and from stock assessments		Cons Biol	25		777	786
Article - peer reviewed	Chauvenet, ALM, Durant, SM, Hilborn, R, Pettorelli, N	2011	Unintended consequences of conservation actions: managing disease in complex ecosystems		PLOS ONE	6		e28671	
Article - peer reviewed	Durant, SM, Craft, ME, Hilborn, R, Bashir, S, Hando, J, Thomas, L	2011	Long-term trends in carnivore abundance using distance sampling in Serengeti National Park, Tanzania		J Appl Ecol				
Article - peer reviewed	Gutierrez, NL, Hilborn, R, Defeo, O	2011	Leadership, social capital and incentives promote successful fisheries		Nature	470		386	389
Article - peer reviewed	Hauser, L, Baird, M, Hilborn, R Seeb, LW, Seeb, JE	2011	An empirical comparison of SNPs and microsatellites for parentage and kinship assignment in a wild sockeye salmon (Oncorhynchus nerka) population		Mol Ecol Resourc	11	Suppl.	150	161
Article - peer reviewed	Hilborn, R	2011	Future directions in ecosystem based fisheries management: A personal perspective		Fish Res	108		235	239
Article - peer reviewed	Krkošek, M, Conners, BM, Ford, H, Peacock, S, Mages, P, Ford, JS, Morton, A, Volpe, JP, Hilborn, R, Dill, LM, Lewis, MA	2011	Fish farms, parasites, and predators: implications for salmon population dynamics		Ecol Appl	21		897	914

Article - peer reviewed	Krkosek, M, Connors, BM, Morton, A, Lewis, MA, Dill, LM, Hilborn, R	2011	Effects of parasites from salmon farms on productivity of wild salmon	Proc Nat Acad Sci	108		14700	14704
Article - peer reviewed	Krkošek, M, Hilbom, R	2011	Sea lice (Lepeophtheirus salmonis) infestations and the productivity of pink salmon (Oncorhynchus gorbuscha) in the Broughton Archipelago, British Columbia, Canada	Can J Fish Aquat Sci	68		17	29
Article - peer reviewed	Krkosek, M, Hilborn, R, Peterman, RM, Quinn, TP	2011	Cycles, stochasticity, and density dependence in pink salmon population dynamics	Proc R Soc Lond B	278		2060	2068
Article - peer reviewed	Lin JE, Hilborn R, Quinn TP, Hauser L	2011	Self-sustaining populations, populations, population sinks or aggregates of strays: chum (Oncorhynchus keta) and Chinook salmon (Oncorhynchus tshawytscha) in the Wood River system, Alaska	Mol Ecol	20		4925	4937
Article - peer reviewed	McGillard, CR, Punt, AE, Hilborn, R	2011	Spatial structure induced by marine reserves shapes population responses to catastrophes in mathematical models	Ecol Appl	21		1399	1409
Article - peer reviewed	McGilliard, CR, Hilborn, R, MacCall, A, Punt, AE, Field, JC	2011	Can information from marine protected areas be used to inform control-rule-based management of small-scale, data-poor stocks?	ICES J Mar Sci	68	1	201	211

Presentations

Year	Туре	Title	Organization
2015	Internal UW presentation	When is a fishery sustainable	School of Aquatic and Fishery Sciences
2015	Invited keynote address	The role of Marine Protected Areas in fisheries management	Canadian Parks and Wilderness Society
2015	Invited keynote address	The elements of a sustainable fishery	Fisheries Council of Canada
2015	Invited non-professional (public) audience address	Fisheries sustainability and labeling	COSTCO
2015	Invited peer institution (academic)	The status of tuna and billfish around the world	Presidents Lecture Shanghai Ocean University
2015	Invited peer institution (academic)	The status of fish stocks	Shanghai Ocean University
2015	Invited peer institution (academic)	Sustaining fish stocks	Humboldt University (Berlin Germany)
2015	Invited peer institution (academic)	Sustaining food from the Sea: is fishing more environmentally friendly than agriculture?	Storer Lecture U.C. Davis
2015	Invited peer institution (academic)	The role of Marine Protected Areas in fisheries management	University of Tasmania
2015	Invited peer institution (academic)	Impacts of bottom trawling	CSIRO Australia
2015	Invited peer institution (academic)	Impact of bottom trawling	University of California Santa Barbara
2015	Invited peer institution (academic)	What does it take to sustain fisheries production	Oregon State University
2015	Invited peer institution (non-academic)	Governance of Marine Fisheries	Food and Agriculture Organization of the United Nations
2015	Invited peer institution (non-academic)	The status of fish stocks and fisheries management	European Commission Joint Research Center
2015	Invited peer institution (non-academic)	The status of fish stocks	East China Sea Fisheries Research Institute
2014	Internal UW presentation	Reflections on the robustness of different fisheries management systems to change	IGERT program on ocean change
2014	Invited keynote address	What leads to successful fisheries resource management and the role of community-based co-management	Tokyo University
2014	Invited keynote address	Carl Walters Contribution to Stock Assessment	University of British Columbia ECOMAN Symposium
2014	Invited non-professional (public) audience address	The status of global fish stocks	U.S. Department of State "Our Oceans" conference
2014	Invited non-professional (public) audience address	Evaluating and reducing the environmental cost of food	University of Canberra
2014	Invited peer institution (academic)	Evaluating the sustainability of fisheries	Instutte of Applied Ecology, University of Canberra
2014	Invited peer institution (academic)	Status and trends in global fisheries	Keio University, Yokohama Japan
2014	Invited peer institution (non-academic)	Some recent work in understanding the status of world fish stocks, fisheries and the impact of fishing	IFREMER Laboratory, Sete France
2014	Invited peer institution (non-academic)	Evaluating the status of fish stocks:	Australian Bureau of Agricultural and Resource Economics and Sciences
2014	Invited peer institution (non-academic)	Status and trends in global fisheries	Japanese National Research Institute of Fisheries Science
2014	Invited peer institution (non-academic)	The environmental cost of food	UN Food and Agriculture Organization Commitee on Food Security
2014	Invited peer institution (non-academic)	Best practices for bottom trawl fisheries	The Groundfish Forum

2012	Total and I DAI more substitute	Count I return FIGUADA	CAEC
	Internal UW presentation Invited keynote address	Guest Lecture FISH 424 Sustainability of Fisheries	SAFS Carey Institute of Ecosystem Studies New York
	Invited keynote address	The Status of Fisheries	North American Association of Fisheries Economists
	Invited keynote address	The future of protein from the sea	Farm Foundation Roundtable
	Invited non-professional (public)	·	
2013	audience address Invited non-professional (public)	Making progress in American fisheries	Theodore Roosevelt Conservation Trust
2013	audience address Invited non-professional (public)	Trends in global fisheries	Ocean Trust Symposium at Boston Seafood Show
2013	audience address Invited non-professional (public)	The end of fish or sustainable fishing: what is the real status of fisheries	Western Pacific Regional Fisheries Management Council
2013	audience address	Sustaining food from the ocean	University of Tasmania
2013	Invited non-professional (public) audience address	Trends in the sustainability of world fisheries	World Seafood Congress
2013	Invited peer institution (academic)	Sustaining Fisheries	Virginia Tech University
2013	Invited peer institution (non- academic)	Recent developments in understanding of fish stocks from the RAM Legacy database	NOAA Woods Hole Laboratory
2013	Invited peer institution (non- academic)	US Fisheries how are we doing?	U.S. House of Representatives Hearings on Magnuson Stevens Reauthorization
2013	Invited peer institution (non- academic)	The Status of Fisheries	Food and Agriculture Organization of the United Nations
2012	Invited keynote address	Sustainability of World Fisheries	World Fisheries Congress (Lead Keynote)
2012	Invited keynote address	Status of World Fisheries	International Fish Meal and Fish Oil Producers, Istanbul Turkey (by video)
2012	Invited keynote address	Sustainability of World Fisheries	Sustainability Fisheries Partnership Annual Meeting (by video)
2012	Invited non-professional (public) audience address	How sustainable are US fisheries	Halibut and Black Cod Producers (as part of the Chef's collaborative annual meeting in Seattle)
2012	Invited non-professional (public) audience address	Sustainability of World Fisheries	University House (Seattle Retirement Community)
2012	Invited non-professional (public) audience address	Learning from experience in managing aquatic resources	California State Water Resource Board
2012	Invited non-professional (public) audience address	The environmental impact of New Zealand fisheries	New Zealand Seafood Industry Council
2012	Invited non-professional (public) audience address	Sustainability of World Fisheries	Sydney Fish Market (Australia)
2012	Invited peer institution (academic)	The role of marine protected areas in fisheries management	Victoria University (New Zealand)
2012	Invited peer institution (academic)	Status of World Fisheries	Duke University
2012	Invited peer institution (non-academic)	Tracking Seafood Sustainability	Pacific States Marine Fisheries Commission Annual Meeting
2012	Invited peer institution (non-academic)	Sustaining world fisheries	U.S. State Department marine affairs staff
2012	Invited peer institution (non-academic)	Sustainability of World Fisheries	WWF USA Headquarters
2012	Invited peer institution (non-academic)	Sustaining world fisheries	Danish Fishermen's Association (Copenhagen)
2012	Invited peer institution (non-academic)	Sustainability of World Fisheries	Royal Greenland Seafoods Board Meeting (Copenhagen)
2012	Invited symposium	The need for Social/Environmental Synthesis	Ecological Society of American Annual Meeting (Portland OR)
2011	Invited keynote address	Status of World Fisheries	Sweedish Academy of Sciences
2011	Invited keynote address	The Environmental Impacts of Food Production	West Coast Shellfish Growers Association
2011	Invited keynote address	Status of World Fisheries	Environmental Defense Oceans Day
2011	Invited keynote address	Status of World Fisheries	The Groundfish Forum
2011	Invited keynote address	Status of World Fisheries	Fisheries Council of Canada
2011	Invited keynote address	The environmental costs of aquaculture	Pacific Coast Shellfish Growers Association
2011	Invited keynote address	Sustainability of World Fisheries	International Sea Turtle Symposium
2011	Invited non-professional (public) audience address	Fisheries Sustainability	National Restaurant Association
2011	Invited non-professional (public) audience address	Are U.S. Fisheries Sustainable	Norwegian Club of Seattle
2011	Invited peer institution (academic)	Sustaining world fisheries	Rutgers University
2011	Invited peer institution (academic)	Sustaining world fisheries	Stanford University
	Invited peer institution (academic) Invited peer institution (non-	Sustainability of World Fisheries	Victoria University Wellington NZ
2011	academic) Invited symposium	The Sustainability of World Fisheries The environmental cost of fisheries	CEFAS Research Laboratory, Lowestoft UK American Fisheries Society Annual Meeting
	Invited symposium	The portfolio effect and community sustainability	International Marine Conservation Congress
	Invited symposium	The Environmental Costs of Fish From the Ocean or Food From the Land	Seafood Summit
2011	arraca symposium	2 Standard Costs of Fish From the ocean of Food Fishin the Land	Security Surface
Aware	ds		

Year	Туре	Title	Organization	Scale
2015	Scientific/Professional Organization	Fellow of American Fisheries Society	American Fisheries Society	International
2012	Scientific/Professional Organization	Carl R. Sullivan Fisheries Conservaion Award to Alaska Salmon Program	American Fisheries Society	International
2011	Scientific/Professional Organization	Sustainability Science Award	Ecological Society of America	National

Service and Committees

Service

Start End Type Description TestimonyType Audience Scale

Year	Year				
2010		Guest Editor or Editorial Board	Guest Editor	Proceedings of the National Academy of Sciences	International
1999		Guest Editor or Editorial Board	Editorial Board	Fish and Fisheries	International
1997		Guest Editor or Editorial Board	Senior Advisory Council	Natural Resource Modeling	International
2008		Guest Editor or Editorial Board	Member Editorial Board	The Open Fish Science Journal	International
2013	2014	Program Reviews	Member Blue Ribbon Panel	World Bank Global Partnership for Oceans	International
2014	2014	Invited Professional Reviews	External Examiner for Ph.D. thesis	Univesity of Montpellier	International
2014	2014	Invited Professional Reviews	External Examiner M.Sc. Thesis	Dalhousie University	International
2014	2014	External Examiner	Masters Candidate	Dalhousie University	International
1993	2014	Guest Editor or Editorial Board	Editorial Board	Reviews in Fish Biology and Fisheries	International
1997	2014	Expert Testimony and Advice	Independent Science Advisor	Commission for Conservation of Southern Bluefin Tuna	International
2006	2013	Guest Editor or Editorial Board	Board of Reviewing Editors	Science Magazine	International
2002	2013	Guest Editor or Editorial Board	Associated Editor	Canadian Journal of Fisheries and Aquatic Sciences	International
2011	2013	Research Review Panel	External Advisory Board,	National Socio-Environmental Synthesis Center	National
2011	2012	Research Review Panel	Chair NOAA/DFO Independent Revew of Chinook Salmon fishery impacts on killer whales	NOAA/ DFO	International
2012	2012	Invited Professional Reviews	Fulbright Fellowship Review Committee	Fulbright Fellowships	International

Committees

Start Year	End Year	Туре	Name	Organization	Position	Scale	Annual Time
2015	2015	External - Scientific/Professional Organizations	Membership Committee	Washington State Academy of Sciences	Chair Biological Sciences Section	State	2 days
2014	2014	External - Scientific/Professional Organizations	Admissions Panel Ecology and Evolution	American Academy of Arts and Sciences	member	National	5 hours
2013	2014	External - Panel/Working Group	Global Partnership for Oceans, Blue Ribbon Panel	World Bank	Member	International	
2013	2014	External - Scientific/Professional Organizations	External Advisory Board	National Socio-Environmental Synthesis Center	Member	National	
1994	2014	External - Scientific/Professional Organizations	Scientific Committee	Commission for the Conservation of Southern Bluefin Tuna	Independent Advisory Panel Member	International	10 days
2012	2013	CoEnv Committee	Research Future Task Force	CoEnv	Member	College of the Environment	2 days
2005	2012	SAFS Committee	Ad Hoc Promotion committee	SAFS	member	School	10 hours
2011	2012	External - Scientific/Professional Organizations	Scientific Review of the Impact of chinook salmon fisheries on southern resident killer whales	NOAA and DFO	Chair	International	8 days
2009	2012	External - Review Committee or Panel	Science Advisory Team, Marine Life Protection Act, California	Calfornia	Member	National	
2011	2011	CoEnv Committee	College Council	College of the Environment	alternate at large member	College of the Environment	6 hours

Outreach

Collaborators

Start Year	End Year	Collaboration Description	Scale	Annual Time
2012	2017	joint work on status of fish stocks and fisheries management		1 month
2013	2016	Joint work on status of fish stocks, fisheries management and trawling		1 month
2013	2016	Joint work on impacts of bottom trawl fishing		1 month
1996	2016	Studies on the management of sockeye salmon in Bristol Bay Alaska		6 weeks
2010	2016	Joint teaching and researcch on Alaska salmon		2 weeks

Highlights

Year Highlight Statement

Three highlights come to mind. The Alaska Salmon Program won the Carl Sullivan Conservation Award from the American Fisheries Society. This is a tribute to the 60 years of work by SAFS faculty, students and staff, and especially the large team that has worked together over the last 15 years. Second was the World Fisheries Congress, where I was the lead keynote speaker followed by Prince Charles, who has gotten involved in sustainable fisheries and his International Sustainability Unit has produced a quite useful report on progress in fisheries. This was my first brush with Royalty. Later at the conference Jim Anderson from the World Bank's fisheries program gave a keynote and we spent some time formulating a joint proposal for large scale analysis of what works and does not work in world fisheries management. If successful it would result in a grant to UW of something like \$10-\$20 million. A third highlight was funding by the Packard Foundation and Walton Family Foundation of a 2 year review of trawling. This will involve a review team of 10-12 scientists, reviewing what is known about trawling impacts and providing guidance on consequences of alternative proposals for "best practice" guidelines.

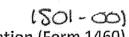
Summary Statistics

Teaching

MS S	tudents	8			PhD Students	21				
	Chair	3	Member	5	Chair	10	Member	11	GSR	0
Capstone S	tudents	0	Post Docs	4	Other Mentoring	0				
Research										
Research Total	Grants	44	Peer-Reviewed Articles	71	Books	1	Book Chapters	1	Proceedings Articles	0
			Peer-Reviewed Articles Edited Volumes	1	Books Edited Books	L	Book Chapters Non-peer-Reviewed	I	Proceedings Articles Technical Reports	-

University of Washington | College of the Environment | School of Aquatic and Fishery Sciences

Privacy | Terms





(501 - 00) Request for Approval of Outside Professional Work for Compensation (Form 1460)

Hilborn Employee ID (found here) 866-007-575 Campus Box # Are you here on a visa? No ✓ Yes Visa Type: Email address: rayh@uw.edu Department/Program Professor College/School Campus	ddle initial V
Employee ID (found here) Campus Box # Are you here on a visa? 866-007-575 355020 No ✓ Yes Visa Type: Email address: Job Title rayh@uw.edu Professor Department/Program College/School Campus	N.
866-007-575 355020 No ✓ Yes Visa Type: Email address: Job Title rayh@uw.edu Professor Department/Program College/School Campus	
rayh@uw.edu Professor Department/Program College/School Campus	
Department/Program College/School Campus	
School of Aquatic and Fishery Sciences Environment Sea	attle
FTE (if part time, indicate percentage): Service period: Full Time or Part Time 8	r
Name of Organization for whom work will be performed	
California Environmental Associates	
Type of Organization: Private: For-Profit Public: Federal Public: State Public	:: Local
Category of Activity (Check all that apply): Professional/Private Practice (1) Performing Arts (2) Consultant (3) Speaker (4) Board Editor (6) Expert Witness (7) Professional/Cont. Education (8) Scientific/Technical/Expert A Reviewer of Research Proposals or Manuscripts for Publication (10) Other (11)	Member (5) Advisor (9)
Period of Work (period of work per request must fall within the range of an academic year, which begins 7/1 and ends 6, separate request must be made for a period of work that crosses into another academic year. ie: an event spanning from Sept 1 will need two requests, one from 5/1-6/30 and a second from 7/1 – 9/1).	May 1 –
From (mm/dd/yyyy): To (mm/dd/yyyy): Total Number of Days Requested For Activity During This 12/01/2014 07/30/2015 4	is renou.
Describe the activities to be performed. Include the nature and scope of the activities & their relationship (or lack thereof UW responsibilities:	f) to your
Help prepare a report on the sustainability of different fisheries management systems	
Answer "yes" or "no" for each question below. For each "yes" response, please provide additional pertinent in and a proposed conflict management plan. Additional pages may be submitted as attachments as necessary.	formation
1) Yes V No Do you, or any member of your immediate family, hold a management position with the organization which the work is to be performed? If yes, provide the title and responsibilities.	anization
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JAN - 2 2015

2)	Yes	√No	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
3)	Yes	√ No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4)	Yes	√ No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy (Sec. 6) and indicate who has the involvement.
5)	Yes	√ No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
6)	Yes	√ No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
7)	Yes	√ No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the intellectual property is not publically available.
8) _	Yes	√ No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
8)	Yes	√ No	nature and scope of the research, and explain why it is not being conducted through a UW-
9)	Yes	✓ No ✓ No	nature and scope of the research, and explain why it is not being conducted through a UW-
			nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement. Will University of Washington receive, or do you anticipate UW receiving, research funding from the
			nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement. Will University of Washington receive, or do you anticipate UW receiving, research funding from the

by and I agree to com amended from time to Commercialization, in	ply with the University Patent, Invention, and time. In accordance with this Policy, I will accordance with this Policy, I will be any that I create in connection with the Land property to which the Land property the Land Property to which the Land Property the La	With this request for outside work, I acknowledge that I am bound and Copyright Policy (Executive Order 36) ("Policy"), as it may be disclose all invention and discoveries I create to the UW Center for any outside work. I agree to assign and I hereby assign to the University has a right of assignment under the Policy, provided I activities or responsibilities or with more than incidental use of
Date	Applicant (print)	Signature
TO BE COMPLETED	BY THE DEPARTMENT CHAIR/PROGRA	M DIRECTOR
	est by Department Chair/Program Direct ecommended Not Recommen	
12/8/14	Andre Punt	cosp)
Date	Department Chair/Program [Director (<i>print</i>) Signature
TO BE COMPLETED	BY THE DEAN/CHANCELLOR/VICE PRO	vost
√ R	est by Dean/Chancellor/Vice Provost: ecommended Not Recommen	ded Excluded from policy (Section 5).
23 DEC ZOIH	Dean/Chancellor/Vice Provos	st (print) Signature
Date	Deany Chancehory vice Frovo.	st (print) Signature
TO BE COMPLETED	BY THE OFFICE OF THE PROVOST	<u> </u>
Acknowledgement of	of receipt of form, further review by Pro	ovost needed: Yes No
Date •	Office of the Provost (print)	Signature
l — ·	est by the Provost <i>or</i> Designee (<i>If neede</i> ecommended Not Recommen	
Requirements upon	which Approval is Conditional (if any):	
Date	Provost or Designee (print)	Signature



Request for Approval of Outside Professional Work for Compensation (Form 1460)

Last Name First Name	
Hilborn Ray	Middle initial
Employee ID (found here) Campus Box # Are you here on a visa? 866-007-575 355020 No Ves Visa Type:	W
Email address: Job Title	
rayh@uw.edu Professor	
Department/Program College/School	Campus
School of Aquatic and Fishery Sciences Environment	Seattle
FTE (if part time, indicate percentage): Full Time or Part Time% Service period: 9 months or12 months or	other
Name of Organization for whom work will be performed	
Commission for the Conservation of Southern Bluefin Tuna	
Type of Organization: Private: For-Profit Public: Federal Public: State	Public: Local
Category of Activity (Check all that apply): Professional/Private Practice (1) Performing Arts (2) Consultant (3) Speaker (4) Editor (6) Expert Witness (7) Professional/Cont. Education (8) Reviewer of Research Proposals or Manuscripts for Publication (10) Other (11)	
Period of Work (period of work per request must fall within the range of an academic year, which begins $7/1$ are separate request must be made for a period of work that crosses into another academic year. ie: an event spann. Sept 1 will need two requests, one from $5/1$ - $6/30$ and a second from $7/1$ – $9/1$).	nd ends 6/30. A ing from May 1 –
From (mm/dd/yyyy): To (mm/dd/yyyy): Total Number of Days Requested For Activity Day	uring This Period:
09/01/2014 5	
Describe the activities to be performed. Include the nature and scope of the activities & their relationship (or lac UW responsibilities:	k thereof) to your
Attend scientific committee of the commission.	
Answer "yes" or "no" for each question below. For each "yes" response, please provide additional pert and a proposed conflict management plan. Additional pages may be submitted as attachments as necessary. 1) Yes No Do you, or any member of your immediate family, hold a management position with	essary.

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AUG 2 2 2014

Page 1/3

Updated May 2013

Office of Research

2)	Y	es v	No No	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
3)	Ye	s Lv	No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4)	Ye	s 🗸	No No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy (Sec. 6) and indicate who has the involvement.
5)	Ye	s 🗸	No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
6)	Ye	s 🗸	No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
		:		
7)	Ye:	. ✓	No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the intellectual property is not publically available.
		:		
8)	Yes	✓	No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
		i	:	
9)	Yes	V	No	Will University of Washington receive, or do you anticipate UW receiving, research funding from the organization? If yes, describe the project(s) to be funded. Provide eGC1 numbers, if applicable.
10)	Yes	V	No	Will University of Washington employees or students other than yourself be involved? If yes, name the individuals (or TBD, if presently unknown) and explain their roles in the activity.
		J		

by and I agree to comply with amended from time to time. Commercialization, including University all my rights in any created such intellectual pro University resources.	th the University Patent, Invention In accordance with this Policy, I was any that I create in connection way intellectual property to which the perty in the course of my Univers	n, and Copyrig will disclose all with any outsic he University h	equest for outside work, I acknowledge that I am bound ht Policy (<i>Executive Order 36</i>) ("Policy"), as it may be I invention and discoveries I create to the UW Center for de work. I agree to assign and I hereby assign to the has a right of assignment under the Policy, provided I or responsibilities or with more than incidental use of
3 August 2014	Ray Hilborn	1Kay	ILLUX
Date	Applicant (print)	J	Signature
TO BE COMPLETED BY THE	E DEPARTMENT CHAIR/PROGI	RAM DIRECT	OR
Evaluation of Requiest by D	Department Chair/Program Dir nended Not Recomm		Excluded from policy (Section 5).
′ \			coet
Date	Department Chair/Program	n Director (p	rint) Signature
	E DEAN/CHANCELLOR/VICE PROPERTY OF THE PROPERT		
Recomm			Excluded from policy (Section 5).
8/18/14	199 GRANNICE		Juna
Date '	Dean/Chancellor/Vice Prov	ost (print)	Signature
TO BE COMPLETED BY THE			
Acknowledgement of receiptions of the Acknowledgement of the Acknowledgement of receiptions of the Acknowledgement o	office of the Provost (print	1	ed: Yes No
Evaluation of Request by the	he Provost <i>or</i> Designee (<i>If nee</i>		
Recomme	ended Not Recomme	ended	
Requirements upon which A	Approval is Conditional (<i>if any</i>)	1:	
Date	Provost or Designee (print)	•	Signature



Request for Approval of Outside Professional Work for Compensation (Form 1460) 1508 - 135

Last Name First Name	Middle initia
Hilborn Ray	W
Employee ID (found here) Campus Box # Are you here on a visa? Second	
Email address: Job Title	
rayh@uw.edu Professor	:
Department/Program College/School	Campus
School of Aquatic and Fishery Sciences Environment	Seattle
FTE (if part time, indicate percentage): Full Time or Part Time	other
Attorney General for Canada	
Type of Organization: Private: For-Profit	Public: Local
Category of Activity (Check all that apply): Professional/Private Practice (1) Editor (6) Expert Witness (7) Professional/Cont. Education (8) Reviewer of Research Proposals or Manuscripts for Publication (10) Other (11)	
Period of Work (period of work per request must fall within the range of an academic year, which begins 7/1 an separate request must be made for a period of work that crosses into another academic year. ie: an event spanni Sept 1 will need two requests, one from 5/1-6/30 and a second from 7/1 – 9/1). From (mm/dd/yyyy): To (mm/dd/yyyy): Total Number of Days Requested For Activity Du 19/01/2014	ng from May 1 –
Describe the activities to be performed. Include the nature and scope of the activities & their relationship (or lack JW responsibilities:	(thereof) to your
will write an overview on how fisheries should be managed and give expert testimony	on this subject.
Answer "yes" or "no" for each question below. For each "yes" response, please provide additional pertional and a proposed conflict management plan. Additional pages may be submitted as attachments as nece	inent information
Yes No Do you, or any member of your immediate family, hold a management position with for which the work is to be performed? If yes, provide the title and responsibilities.	the organization

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2) Yes V No	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
3) Yes ✓ No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4) Yes V No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy (Sec. 6) and indicate who has the involvement.
5) Yes V No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
į.	
6) Yes 🗸 No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
7) Yes 🗸 No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the intellectual property is not publically available.
8) Yes V No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
9) Yes 🗸 No	Will University of Washington receive, or do you anticipate UW receiving, research funding from the organization? If yes, describe the project(s) to be funded. Provide eGC1 numbers, if applicable.
· 	
10) Yes No	Will University of Washington employees or students other than yourself be involved? If yes, name the individuals (or TBD, if presently unknown) and explain their roles in the activity.

by and I agree to comply with the U amended from time to time. In acco Commercialization, including any th University all my rights in any intelle created such intellectual property in University resources.	University Patent, Invention, and Copyright ordance with this Policy, I will disclose all in hat I create in connection with any outside lectual property to which the University has	Policy (Executive Order 36) ("Policy"), as it may be expended and discoveries I create to the UW Center for work. I agree to assign and I hereby assign to the sa right of assignment under the Policy, provided I responsibilities or with more than incidental use of
Date Ap	pplicant (<i>print</i>)	Signature
	ARTMENT CHAIR/PROGRAM DIRECTOI	R
Evaluation of Request by Departi		
Recommended	Not Recommended	Excluded from policy (<u>Section 5</u>).
		coef
Date De	epartment Chair/Program Director (<i>prir</i>	nt) Signature
	AN/CHANCELLOR/VICE PROVOST	
Evaluation of Request by Dean/C		Excluded from policy (<u>Section 5</u>).
1 SIRIN	isa Graundich	winder
I— V 1	ean/Chancellor/Vice Provost (print)	Signature
TO BE COMPLETED BY THE OFFIC		
8/22/14	form, further review by Provost needed	d: Yes X No
Date Off	ffice of the Provost (print)	Signature
Evaluation of Request by the Pro	ovost or Designee (If needed, indicated d Not Recommended	l above):
Requirements upon which Appro	val is Conditional (if any):	
Date Pro	ovost or Designee (print)	Signature

NO	publicly available? If YES, please explain.		
			
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(23b) Will this activity r	result in the transfer or use of discoveries, softwar ington? If YES, please explain.	e, databases, inventions or o	ther intellectual property not yet disclosed t
NO			
(24b) Will this activity r	result in the transfer or use of intellectual property	obligated or licensed to and	other entity? If YES, please explain.
NO			
ti. Bartini distri			
(25b) Will you receive,	or do you anticipate receiving, research funding fro	om the organization? If YES.	please explain.
NO		9	product of production of the p
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(26h) Will this activity r	require that you conduct original research? If YES,	planca avaleia	
NO	equire that you conduct original research: If 125,	please explain.	
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	Washington employees or students be involved?	if YES, please explain.	
NÓ		•	
(28b) Additional inform	nation or details regarding items 17-27 above.		
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reate in connection wit which the University has	licy, I will disclose all inventions and discoveries I c th any outside work. I agree to assign and I hereby a right of assignment under the Policy, provided I les as with more than incidental use of University	assign to the University all in the control of the	my rights in any intellectual property to
29) Date	Applicant (print)	- Signature	1-00
April 2013	Ray Hilborn.	16-1-	1 KW V
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Office of the Provost (Rev. October 2011); supersedes all previous versions

REQUEST	Γ for APP	ROVAL of	OUTSIDE PRO	DFESSION	IAL WO	RK for CO	MPENSA	NOITA		
TO BE CO	OMPLETE		PPLICANT:							FN/
(1) Last Nai	ne				(2) First	Name				(3) Middle Initial
Hilborn	.*	•			Ray			E./		HW #
(4) Employe	e ID (not SS	N)	(5) Campus Bo	x #	(6) Are	you here on a	visa?			
866-007-	575		355020		No _x_	Yes	Visa Ty	pe:		RECEIVED
(7) Job Title			(8) Departmen			_	e/School/G			
Professor			Aquatic and						Campus	APR 1 0 2013
		dicate percenta		1 101101 / 00		(11) Service		Circ i lain	Campus	711 1 1 0 2013
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		y (check all the								
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			n _X_ Scientific/			or Revi	ewer _	Other:		
(15) Period	of Work (de	ate range must	fall within one aca	demic year, 7	7/1-6/30)		(16)	Number of	Days Request	ed for Activity
From (mm/	ddlyyyy):	04/01/2	013	To-(mm/dd/y)	yyy): 06 <i>i</i>	30/2013		6	•	•••
(17) Provide	a brief absi	ract of the ac	tivities to be perf							
			whale popula		nics					
			····aie popula	cion dynan	11103					•
(18-27) Ansy	ver "Yes" c	r "No" for èa	ch question. If yo	ou answered	"Yes" to a	ny question y	vou must r	provide add	itional docum	entation below
(18a)Y	es X No	Do you, your	spouse or signifi	cant other, o	or your chi	ldren have an	ownershi	or deeper	involvement	with the organization
		for which the	work is to be pe	rformed?			J.			
(19a)Y	es X No	Do you, your	spouse or signifi	cant other, o	or your chi	dren hold a n	nanagemei	nt position v	with the organ	ization for which the
(20-) V	VAI-	work is to be	performed!	* *						
(20a) 12	32 _Y I//O	organization?	spouse or signifi	cant other, o	or your chi	gren participa	ate in the	ongoing day	-to-day opera	tions of the
(21a) Y	es X No	Do you your	spouse or signific	rant other o	r vour chil	dren have a c	Continuina	aduicam, ra	la wish sha aw	
		1								
(22a) Y	es _X No	Will this activ	ity result in the t	ransfer or us	se of techn	ology, inform	ation or o	ther intelled	tual property	developed at the
(23a) Y	or Y No	University of	Washington that	is not public	ly available	! 		· · • • • • • • • • • • • • • • • • • •		ntellectual property
(238) 1	22 _X 140	not ver disclo	sed to the Univer	reity of Watt	hingron)	reries, softwa	re, databas	ses, inventio	ins or other in	itellectual property
(24a)Ye	es _X No.	Will this activ	ity result in the t	ransfer or us	e of intelle	ctual propert	y obligated	d or license	d to another e	entity?
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			ive, or do you an		-	_	rom the oi	ganization?		
`(26a)Ye	es _X No	Will this activ	ity require that y	où conduct d	original res	earch?				• •
(27a) Ye	s X No	Will Universit	y of Washington	employées o	or students	he involved?				
()			,	cp.o/ccs c	or students	oc mitolited.				
(18b) Do yo	u, your spo	use or signific	ant other, or you	r children ha	ve an own	ership or dee	per involv	ement with	the organizati	on for which the
work is to be	performed	l? If YES, plea:	se describe the re	lationship, in	ncluding the	e percentage	of the org	anization ov	vned and its a	pproximate value.
N	O									
										,
(19b) Do you	, your spou	se or significa	nt other, or your	children hol	d a manage	ment positio	n with the	organizatio	n for which th	ne work is to be
		e describe the	position.	*****						
NO)									
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(201)									_	
			it other, or your	children par	ticipate in	the ongoing d	lay-to-day	operations	of the organiz	ation? If YES, please
describe this	<u> </u>							***************************************		
INC	r	•								
(21b) Do you	, your spou	se or significat	it other, or your	children have	e a contini	ing advisory	role with r	he organiza	tion? If YES	olease describe this
role.	,						. 5.5 ///6// (4. 9		active tims
NC	5									
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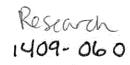
(22b) Will this activity re Washington that is not	esult in the transfer or use of technology, infor publicly available? If YES, please explain.	mation or other intellectual property developed at the University of
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(23b) Will this activity rethe University of Washin	esult in the transfer or use of discoveries, softwares. If YES, please explain.	vare, databases, inventions or other intellectual property not yet disclosed
NO		
(24b) Will this activity re	esult in the transfer or use of intellectual prope	erty obligated or licensed to another entity? If YES, please explain.
NO		
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(25b) Will you receive, o	or do you anticipate receiving, research funding	from the organization? If YES, please explain.
NO		
26b) Will this activity re	equire that you conduct original research? If Y	ES, please explain.
No	gar et e	
27b) Will University of	Washington employees or students be involved	I? If YES, please explain.
NO		
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(28b) Additional informa	ation or details regarding items 17-27 above.	
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hich the University has:	a right of assignment under the Policy, provide es or with more than incidental use of Universi Applicant (print)	·
September 2013/4	Ray Hilborn	Signature
O BE COMPLETED	BY THE DEPARTMENT CHAIR/PROGE to by Department Chair/Program Director	RAM DIRECTOR
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
I) Date	Department Chair/Program Director (print	s) Signature
9/9/13	Andre Punt	copy
O BE COMPLETED (2) Evaluation of Reques	BY THE DEAN/CHANCELLOR/VICE PF t by Dean/Chancellor/Vice Provost	ROVOST:
Recommended	Not Recommended	Excluded from Pokgy (Sec. 5), Approval Not Required
3) Date	Dean/Chancellor/Vice Provost (print)	Signature / /
O BE COMPLETED	BY THE OFFICE OF THE PROVOST:	much (// (//
	t by the Office of the Provost	V(9
 Review Required by the series Evaluation of Request 		ed by the Provost
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	Approval is Conditional if any:	
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7) Date	Office of the Provost (print)	Signature
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ffice of the Provost (Rev. Octob		

Research 1409-059

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(1) Last Name		(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) Are you here on a	a visa?	
866-007-575	355020	No_x_ Yes	Visa Type:	
7) Job Title		am (if applicable) (9) Colley		
Professor	Aquatic and Fisher		nvironment Main Campus	
10) FTE (if part time, indicate perce	entage)	(11) Service		
X Full Time or Part Time	%		or12 months	
12) Name of Organization for wh	om work will be performed			
San Luis Delta Mendota Wa				
 Type of Organization (select or 				
		Public: Federal	Public: State	_X Public: Local
14) Category of Activity (check all	l that apply)		D. I.M. L. C.	
Professional/Private Practice	Performing Arts	x Consultant Speaker	Board MemberEdit	or Expert vyitness
Professional/Continuing Educa	itionScientific/Technical	/Expert Advisor Kevie	(16) Number of Days Req	unsted for Activity
15) Period of Work (date range m			(10) Number of Days Neq	desced for Activity
From (mm/dd/yyyy): 09/0		1/dd/yyyy): 06/30/201\$4	I V	
17) Provide a brief abstract of the		- Lucy in California as	isses stad by water withdr	ala
Evaluate status of de	eita smeit and chinook	saimon in Camornia as	impacted by water withdra	iwais
18-27) Answer "Yes" or "No" fo	r each question. If you ansy	vered "Yes" to any question.	you must provide additional do	cumentation below
18a)Yes X No Do you, y	our spouse or significant ot	her, or your children have a	ownership or deeper involvem	ent with the organization
for which	the work is to be performe	ed?		
19a)Yes X No Do you, y		her, or your children hold a	management position with the o	organization for which th
work is to	o be performed?	Las as sassa ehildeen eneticis	sate in the engoing day to day o	parations of the
20a)Yes _X No Do you, y organizati		ner, or your children partici	bate in the origonig day-to-day o	perations of the
21a) Yes _X No Do you, y	our spouse or significant ot	her, or your children have a	continuing advisory role with th	e organization?
22a) Yes _X No Will this :				
ZZa) res _X No vviii tris :	y of Washington that is not	nublicly available?	nation of other intellectual prop	erty developed at the
23a) Yes X No Will this :	activity result in the transfer	or use of discoveries, softw	are, databases, inventions or oth	er intellectual property
not vet d	isclosed to the University of	f Washington?		
24a) Yes X No Will this :				ner entity!
25a) Yes _X No Will you	receive, or do you anticipate	e receiving, research funding	from the organization?	
26a) Yes _X No Will this :	activity require that you con	nduct original research?		
(27a) Yes _X No Will Univ		District Control of the Control of t	p	
Z/a) res _x No vviii Oniv	ersity or vvasinington emplo	yees of students be involved		
(18b) Do you, your spouse or sig	nificant other, or your child	ren have an ownership or de	eper involvement with the orga	nization for which the
work is to be performed? If YES,	please describe the relations	ship, including the percentage	e of the organization owned and	its approximate value.
NO NO				
(19b) Do you, your spouse or sign	aifeant other or your childr	on hold a management posit	ion with the organization for wh	ich the work is to he
performed? If YES, please describ	e the position.	en noid a management posic	on that are organization to	
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description		* 65 h 1/2		
		ente a mana mana mana anta a mana anta anta		
20b) Do you, your spouse or sign	nificant other, or your childr	en participate in the ongoing	day-to-day operations of the or	ganization? If YES, pleas
describe this participation.				and and an interest and in the comment of the comme
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21b) Do you, your spouse or sign	nificant other, or your childr	en have a continuing advisor	y role with the orgRECEIVE	SES, please describe this
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	sult in the transfer or use of discoveries, software, databases, inventio gton? If YES, please explain.	ns or other intellectual property not yet disclosed
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NO	sult in the transfer or use of intellectual property obligated or licensed	to another entity? If YES, please explain.
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(25b) Will you receive, or	do you anticipate receiving, research funding from the organization?	If YES, please explain.
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(26b) Will this activity red	quire that you conduct original research? If YES, please explain.	
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NO	Vashington employees or students be involved? If YES, please explain.	
(28b) Additional informat	ion or details regarding items 17-27 above.	
to comply with the Univer accordance with this Polic create in connection with	truthful to the best of my knowledge. With this request for outside versity Patent, Invention, and Copyright Policy (Executive Order 36) ("Policy, I will disclose all inventions and discoveries I create to the UW Cerany outside work. I agree to assign and I hereby assign to the Univer	icy"), as it may be amended from time to time. In oter for Commercialization, including any that I sity all my rights in any intellectual property, to
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(I) Last Name	BY THE ATTECANT.	(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN) (5) Campus Box #	(6) Are you here on :	ı visa?	
866-007-575	355020	No _x_ Yes	Visa Type:	
(7) Job Title	(8) Department/Program (if applicable) (9) Colle	ge/School/Campus	
Professor			nvironment Main Campus	
(10) FTE (if part time, indi		(11) Service	Period	
X Full Time or Par		X 9 months	or 12 months	
	n for whom work will be performed			
Stoel Rives Law Firm	20 10 10 10 10 10 10 10 10 10 10 10 10 10		•	
(13) Type of Organization				
xPrivate: For-Profit	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
(14) Category of Activity				
Professional/Private	Practice Performing Arts _ Co	onsultant _ Speaker		Expert Witness
	ng Education x Scientific/Technical/Exper			
	e range must fall within one academic year,		(16) Number of Days Request	ed for Activity
From (mm/dd/yyyy):	09/01/2013 To (mm/dd/)	yyy): 06/30/2014	4	
	ct of the activities to be performed			
Evaluate stat	is of false killer whales in Hawaiia	n waters		
(19.27) Answer "Yes" or	"No" for each question. If you answered	d "Yes" to some organism		a de la companya de l
(19a) Yes X No [(20a) YesX No [(21a) YesX No [(22a) YesX No [(23a) YesX No [(24a) YesX No [(25a) YesX No [(26a) YesX No [(27a) YesX No [(18b) Do you, your spoul	To you, your spouse or significant other, or which the work is to be performed? To you, your spouse or significant other, york is to be performed? To you, your spouse or significant other, reganization? To you, your spouse or significant other, reganization? To you, your spouse or significant other, will this activity result in the transfer or a liniversity of Washington that is not publicated by the properties of the University of Washington that is not publicated by the properties of the University of Washington that is not publicated by the properties of the University of Washington that you conduct will you receive, or do you anticipate receively this activity require that you conduct will University of Washington employees see or significant other, or your children half YES, please describe the relationship,	or your children hold a sor your children particip or your children have a size of technology, informally available? use of discoveries, softwashington? use of intellectual proper eiving, research funding foriginal research? or students be involved:	management position with the organiate in the ongoing day-to-day opera continuing advisory role with the organization or other intellectual property are, databases, inventions or other intellectual property obligated or licensed to another error the organization?	ization for which the tions of the ganization? developed at the stellectual property entity?
(19b) Do you, your spous	e or significant other, or your children he	old a management position	on with the organization for which th	ne work is to be
performed? If YES, please	describe the position.	not senso de la ferencia a compani de la mode de la companio e quant qui de la companio de la fere e mane al contença de la companio de la fere e mane al contença de la fere e manera de la fere e		antariphoni pistas antaribis in muun muun vaste puul va milla sisteeta saan ja milla si
NO				
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(20b) Do you, your spous describe this participation NO	e or significant other, or your children pa	urticipate in the ongoing	day-to-day operations of the organiz	ation? If YES, please
Silven				degrade deservices
role.	e or significant other, or your children ha	ve a continuing advisory	role with the organization? If YES, p	please describe this
NO				
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Office of Research

NO				
23b) Will this activity result he University of Washing	ult in the transfer or use of discoveries, softwaton? If YES, please explain.	re, databases, inventions or	r other intellectual pro	perty not yet disclosed
NO				
24b) Will this activity resu	ult in the transfer or use of intellectual propert	y obligated or licensed to	another entity? If YES,	please explain.
NO				
(25h) Will you receive or	do you anticipate receiving, research funding fo	rom the organization? If Y	ES, please explain.	
NO				
	시간 경영하다는 이번에 가진 이렇게 되었다. 15일 - 이렇게 되는 사람이 되는 것이 되었다.			
(26b) Will this activity req	uire that you conduct original research? If YES	, please explain.		<u> </u>
No				
27b) Will University of W	ashington employees or students be involved?	If YES, please explain.		
NO				
(20h) Additional informati	ion or details regarding items 17-27 above.			
(280) Additional informati	ion of details regarding realis 17-27 above.			
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1409-061

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(1) Last Name	FEICANT:	(2) First 1	dame		1	3) Middle Initial
Hilborn		Ray	varre			N
(4) Employee ID (not SSN)	(5) Campus Box #	december of the second	ou here on a	ı visa?		
866-007-575	355020	No_x_	The second secon	Visa Type:		
(7) Job Title	(8) Department/Pro			and the could be something the first and the court of the		
Professor				nvironment Main (Campus	
(10) FTE (if part time, indicate percentag	ge)		11) Service			de anticolonica medicatori in activipi ratura de desperatoria de desperatoria de desperatorio de del del del del del del del del del
X Full Time or Part Time	%		etiletika valania karatara promonen	or 12 months		
(12) Name of Organization for whom	work will be perform		and is a state of the state of			Professionaria de Contrata de Companio
Confluence Environmental System	ems	The state of the s	eminimization discussion and an emission of the emission of th	open mån dynnes til affecti och mark omkolisti å den och nonn, och prograd deligibligtisk och market som den m	Communities and the Communities of the Communities	entimore ilizanon media termi erropio e me erropio <u>dele transporto de disclosivimiente p</u> er
(13) Type of Organization (select one)						E. M. Service
×Private: For-Profit Priv	vate: Not-For-Profit	Public:	Federal	Public: State	2 P	ublic: Local
(14) Category of Activity (check all that						
Professional/Private Practice _	Performing Arts	_ Consultant _	Speaker	Board Member	Editor	Expert Witness
Professional/Continuing Education			Reviewe	rOther:		
(15) Period of Work (date range must f		c year, 7/1-6/30)		(16) Number of [Days Requested	for Activity
From (mm/dd/yyyy): 09/01/20	and the second of the second o		0/2014	4		
(17) Provide a brief abstract of the acti						
Provide advice on impac	cts of habitat char	nge on salmon p	opulation:	5		
(19a) Yes X No Do you, your work is to be (20a) YesX No Do you, your organization? (21a) YesX No Do you, your section (22a) YesX No Will this activity University of No (23a) YesX No Will this activity (23b) YesX No Will this activity (23c) Yes X No Will this activity (23c) Yes	spouse or significant work is to be perform spouse or significant performed? spouse or significant espouse or significant esty result in the transf. Washington that is noty result in the transfeed to the University ty result in the transfeed to the University ty result in the transfeed, or do you anticipaty require that you copy of Washington emport other, or your chill	other, or your child ned? other, or your child other, or your child other, or your child other, or your child er or use of technot publicly available? er or use of discove of Washington? er or use of intellecte receiving, researe onduct original researched of the receiving of the love of the l	Iren have an Iren hold a riren particip ren have a cology, informeries, softwattual propertich funding for arch? The involved? This percentage	ownership or deeper management position wate in the ongoing day-continuing advisory role ation or other intellect re, databases, invention by obligated or licensed rom the organization?	involvement with the organization-day operation with the organi- ual property devias or other intella- to another entire	the organization to the organization for which the is of the ization? I weloped at the ectual property ty?
(19b) Do you, your spouse or significan performed? If YES, please describe the	it other, or your child	Iren hold a manager	nent positio	n with the organization	for which the v	vork is to be
NO			in territoria e conseguir de la conseguir de l			
4.1						
(20b) Do you, your spouse or significan describe this participation.	t other, or your child	ren participate in th	ne ongoing o	day-to-day operations o	f the organizatio	n? If YES, please
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21b) Do you, your spouse or significant	t other, or your child	ren have a continui	ng advisory	role with the organizat	ion? If YES, plea	
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	result in the transfer or use of discoveries, softwa	re, databases, inventions or other intellectual	property not yet disclosed
NO	myem i rae, piece espain		
4b) Will this activity	result in the transfer or use of intellectual proper	ty obligated or licensed to another entity? If	ES, please explain.
NO			
			N ₁
Sb) Will you receive	or do you anticipate receiving, research funding f	rom the organization? If YES, please explain.	
NO			
			1
(6b) Will this activity	require that you conduct original research? If YE	S. please explain.	
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NO			
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28b) Additional inform	nation or details regarding items 17-27 above.		
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Research 1403-063

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION

(I) Last Name	LETED BY THE APPLICANT:	
Hilborn	(2) First Name	(3) Middle Initial
(4) Employee ID	Ray (not SSN) (5) Campus Box # (6) Are you here on a visa?	
866-007-575	355000	
(7) Job Title		
Professor	(8) Department/Program (if applicable) (9) College/School/Campus	
Land of the Australia State of the Control of the C	Aquatic and Fishery Sciences, College of Environment Main Can time, indicate percentage) (11) Service Period	ipus
A CONTRACT OF SALES AND A CONTRACT OF SALES	Part Time % X 9 months or 12 months rganization for whom work will be performed	
Deepwater C		
	ganization (select one)	
XPrivate: For-Pr		
and the presentation of the first first first for the first	ofit Private: Not-For-Profit Public: Federal Public: State f Activity (check all that apply)	_ Public: Local
	JID SEAL DESCRIPTION OF THE PROPERTY OF THE PR	Editor Expert Witness
	/Continuing Education x Scientific/Technical/Expert Advisor Reviewer Other:	Editor Expert Witness
(15) Period of V		Requested for Activity
From (mm/dd/y)		requested for 7 territy
	rief abstract of the activities to be performed	
	de advice on management of orange roughy in New Zealand	
	[########### [
(18-27) Answer (18a)Yes	"Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additiona X No Do you, your spouse or significant other, or your children have an ownership or deeper invol	I documentation below Ivement with the organization
(19a)Yes	for which the work is to be performed? No Do you, your spouse or significant other, or your children hold a management position with t	the organization for which the
(20a)Yes	work is to be performed? X No Do you, your spouse or significant other, or your children participate in the ongoing day-to-d	ay operations of the
(21a)Yes	organization? _X No Do you, your spouse or significant other, or your children have a continuing advisory role wit	h the organization?
(22a)Yes	X No Will this activity result in the transfer or use of technology, information or other intellectual p University of Washington that is not publicly available?	property developed at the
	X No Will this activity result in the transfer or use of discoveries, software, databases, inventions or not yet disclosed to the University of Washington? X No Will this activity result in the transfer or use of intellectual property obligated or licensed to a	siki gibri iyi dibir biya giri ili biyiddi.
	X No Will you receive, or do you anticipate receiving, research funding from the organization?	nodier endry:
	X No Will this activity require that you conduct original research?	
	X No Will University of Washington employees or students be involved?	
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(186) Do you, yo work is to be per	our spouse or significant other, or your children have an ownership or deeper involvement with the o formed? If YES, please describe the relationship, including the percentage of the organization owned	rganization for which the and its approximate value.
NO		
19b) Do you, yo	ur spouse or significant other, or your children hold a management position with the organization for	which the work is to be
	S, please describe the position.	
NO		
		mercalics of Self-
20b) Do you, you lescribe this part	or spouse or significant other, or your children participate in the ongoing day-to-day operations of the cipation.	organization? If YES, please
NO		
3153 D-		
ole.	or spouse or significant other, or your children have a continuing advisory role with the organization?	If YES, please describe this
NO		



Sarah Espe <espese@uw.edu>

Ray Hilborn -

Summer L. Dela Cruz <sldc@u.washington.edu>

Fri, Sep 14, 2012 at 8:41 AM

To: Sarah Espe <espese@uw.edu>, acadpers <acadpers@u.washington.edu>

Cc: Anne Winkelman <acwink@u.washington.edu>, "Jocelyn M. Maher" <jocemm@uw.edu>

Hi Sarah, et al:
Please see my notes in red below.
Summer Dela Cruz
Administrative Specialist UW College of the Environment
1492 NE Boat Street Box 355355
Seattle WA 98195-5679
206.616.8374 (voice) sldc@uw.edu (email)
www.coenv.washington.edu

From: Sarah Espe [mailto:espese@uw.edu]
Sent: Thursday, September 13, 2012 4:21 PM

To: acadpers

Cc: Anne Winkelman; Summer L. Dela Cruz

Subject: Ray Hilborn -

Hello,

I have not received AHR approval or signatures on the following RAOPWC forms. Can you tell me whether the following have been approved, or if they are still in the queue?

Request for Approval of Outside Professional Work for Compensation

Faculty: Ray Hilborn

Organization: International Council for the Exploration of the Seas

Dates: 06/11/2012 to 06/15/2012

*Sent in June

Approved by Dean's Office on 6/4/12

Approved by AHR on 6/13/12

Faculty: John Skalski Org: Delta Science

Days: 3

*Sent in August

Approved by Dean's Office on 8/10/12

Faculty: John Skalski Org: Douglas County PUD

Days: 4

*Sent in August

Approved by Dean's Office on 8/10/12

Faculty: John Skalski Org: Chelan County PUD

Days: 4

*Sent in August

Approved by Dean's Office on 8/10/12

Faculty: John Skalski

Org: Battelle PNNL/US Army Corps of Engineers

Days: 24

*Sent in August

Washington that is not publ			ation or other intellectual property developed at the University of	
no		· · · · · · · · · · · · · · · · · · ·		
(23h) Will this activity result	t in the transf	for or use of discoveries softwar	re, databases, inventions or other intellectual property not yet discloser	1 00
the University of Washingto			i e, databases, inventions of other intellectual property not yet disclosed	, 10
no				
	t in the transf	er or use of intellectual propert	y obligated or licensed to another entity? If YES, please explain.	
no				
(25b) Will you receive, or d	o you anticip	ate receiving, research funding fr	rom the organization? If YES, please explain.	
no	·····		· · · · · · · · · · · · · · · · · · ·	
_ ```````	ire that you c	onduct original research? If YES	, please explain.	
no				
(27b) Will University of Wa	shington emp	ployees or students be involved?	If YES, please explain.	
no	<u>-</u>	· · · · · · · · · · · · · · · · · · ·		
·				
(28b) Additional informatio	n or details r	egarding items 17-27 above.		
			Market Control of the	
The Statements above are t	ruthful to the	best of my knowledge. With th	is request for outside work, I acknowledge that I am bound by and I agi	ree
			recutive Order 36) ("Policy"), as it may be amended from time to time.	n
			create to the UW Center for Commercialization, including any that I by assign to the University all my rights in any intellectual property to	
			d I created such intellectual property in the course of my University	
•		than incidental use of Universit	•	•
(29) Date	Applicant (f		Signature	
5/22/2012	KASI	13:100 Rr	Ray WULL	
TO BE COMBLETED BY	Y THE DED	ARTMENT CHAIR/PROGR	AM DIRECTOR.	
(30) Evaluation of Request b			API DIRECTOR:	
Recommended	, - spa. ss	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required	
(31) Date	Departmen	t Chair/Program Director (print)		
(4.7 = 2.2				
TO BE COMPLETED BY	Y THE DEA	N/CHANCELL OP/VICE PR	The same was	
			OVOST:	
(32) Evaluation of Request b			OVOST:	
(32) Evaluation of Request b			Excluded from Policy (Sec. 5), Approval Not Required	
<u> </u>	oy Dean/Chan	icellor/Vice Provost		
Kecommended (33) Date	oy Dean/Chan	Not Recommended cellor/Vice Provost (print)	Excluded from Policy (Sec. 5), Approval Not Required	
(33) Date (0 - 4 - 12- TO BE COMPLETED BY	Dean/Chan Dean/Chan Y THE OFF	Not Recommended cellor/Vice Provost (print) (ALAUM(LLI) ICE OF THE PROVOST:	Excluded from Policy (Sec. 5), Approval Not Required Signature	
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Emailed AHR 9/13/12

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(1) Last Name	(2) First Name	(3) Middle Initial
Hilborn	Ray	W
(4) Employee ID (not	SSN) (5) Campus Box # (6) Are you here on a visa?	
866-007-575	No x Yes Visa Type:	
(7) Job Title	(8) Department/Program (if applicable) (9) College/School/Campus	
Professor	School of Aquatic and Fishery Sciences College of the Environment	
(10) FTE (if part time	indicate percentage) (11) Service Period	
x Full Time or	Part Time % x 9 months or 12 months	
(12) Name of Organ	ization for whom work will be performed	
}	uncil For the Exploration of the Seas	
(13) Type of Organiz		
Private: For-Profi	-	Public: Local
	tivity (check all that apply)	5
	ivate Practice Performing Arts Consultant x Speaker Board Member Editor	Expert Witness
	ntinuing Education Scientific/Technical/Expert Advisor Reviewer Other:	and for Assistan
	(date range must fall within one academic year, 7/1-6/30) (16) Number of Days Reque	sted for Activity
From (mm/dd/yyyy):	06/11/2012 To (mm/dd/yyyy): 06/14/2012 06/15/2P12 5	
	abstract of the activities to be performed	
Give a se	eries of lectures to a course on Bayesian stock assessment in Denmark	
(18-27) Answer "Ye	s" or "No" for each question. If you answered "Yes" to any question, you must provide additional docu	mentation below
(18a) Yes × N	o Do you, your spouse or significant other, or your children have an ownership or deeper involvement	nt with the organization
	for which the work is to be performed?	
(19a)Yes x N	O Do you, your spouse or significant other, or your children hold a management position with the org	anization for which the
(20a)Yes _x_	work is to be performed? No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day	operations of the
(202) :00	organization?	, •
(21a) Yes x N	o Do you, your spouse or significant other, or your children have a continuing advisory role with the	organization?
(22a) Yes x N	o Will this activity result in the transfer or use of technology, information or other intellectual proper	ty developed at the
	University of Washington that is not publicly available?	
(23a) Yes × N	o Will this activity result in the transfer or use of discoveries, software, databases, inventions or other	intellectual property
(24a) Yas v N	not yet disclosed to the University of Washington? Will this activity result in the transfer or use of intellectual property obligated or licensed to anothe	r antity)
• • —		
	o Will you receive, or do you anticipate receiving, research funding from the organization?	
(26a) Yes x N	o Will this activity require that you conduct original research?	
(27a) Yes x N	o Will University of Washington employees or students be involved?	
(18b) Do you, your	spouse or significant other, or your children have an ownership or deeper involvement with the organization of the provided and in	ation for which the
<u> </u>	med? If YES, please describe the relationship, including the percentage of the organization owned and it	s approximate value.
no		
	spouse or significant other, or your children hold a management position with the organization for which	the work is to be
performed? If YES,	please describe the position.	
no		
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(20b) Do you, your	spouse or significant other, or your children participate in the ongoing day-to-day operations of the orga	nization? If YES, please
describe this particip		
no		
(21h) Do you your	spouse or significant other, or your children have a continuing advisory role with the organization? If YE	S, please describe this
role.	-F	
no		
1		

REQUEST for APPROVA	AL of OUTSIDE PROFESSI	ONAL WO	RK for CO	mpensatio	N H	
(1) Last Name	THE AFFEICANT:	(2) First	Name		EP	(2) M: Fall 1 1
Hilborn	edition di transcription communità como in transcription and subsequent projetti programme per control dell'establishe delle programme annotation and communitation and commun	Ray	110110			(3) Middle Initial
(4) Employee ID (not SSN)	(5) Campus Box #		you here on a	visa?		
866-007-575	355020	No_x_	Yes	Visa Type:		
(7) Job Title	(8) Department/Progra				ıe	RECEIVE
Professor	Aquatic and Fisher	v Sciences C	ollege of F	nvironment N	Main Campus	The state of the s
(10) FTE (if part time, indicate p	ercentage)		(11) Service F		Tam Campus	9CT 17 2012
X Full Time or Part Tim				or 12 mor	- + k -	* * * * * * * * * * * * * * * * * * *
(12) Name of Organization for	whom work will be performed		77 / //////////////////////////////////	07 12 11101	ILLIS	Academic Hi
	mospheric Administration					- range offite [1]
(13) Type of Organization (sele						
Private: For-Profit	Private: Not-For-Profit	X Public	: Federal	Public	:: State	D. Limit and
(14) Category of Activity (check			. i coci ai		State	_ Public: Local
Professional/Private Pract	tice Performing Arts	Consultant	Speaker	Board Men	mberEditor	Expert Witness
r rolessionar Continuing Ed	ucation _X_ Scientific/ Lecunica	II/Expert Adviso	or Revie	wer Othe	er:	
(13) Feriod of VVORK (date range	e must fall within one academic ye	ar, 7/1-6/30)		(16) Numbe	er of Days Reques	ted for Activity
1	19/01/2012 To (mm/s	dd/yyyy): 06/	30/2013		6	
(17) Provide a brief abstract of	the activities to be performed					
I	entific review panel on the					
(18-27) Answer "Yes" or "No" (18a) Yes X No Do you	for each question. If you answer, your spouse or significant others	ered "Yes" to a	ny question, y	ou must provide	additional docum	nentation below
101 WIII	ich uite work is to de bertarmen	/				The state of the s
17 O I K 13	i, your spouse or significant others to be performed?					
	i, your spouse or significant other					
(21a) Yes X No Do you	, your spouse or significant other	er, or your child	fren have a co	ontinuing advisor	v role with the or	ranization?
(22a) Yes X No Will thi	s activity result in the transfer o	r use of techno	logy, informat	tion or other int	tellectual propern	dougland as sh
Omver 3	ory or ryashington that is not bu	IDIICIV available/				
1100 / 00	s activity result in the transfer o disclosed to the University of V	vasningronz				
(24a) Yes _X No Will thi	s activity result in the transfer o	r use of intellec	tual property	obligated or lice	ensed to another	antitu?
(25a) Yes _X No Will you	u receive, or do you anticipate r	eceiving, resear	ch funding fro	om the organizat	tion?	cricity:
(26a) Yes X No Will this	s activity require that you condu	ict original rese	arch?	G		
	iversity of Washington employe					
	ignificant other, or your children			eir danna Linnana		
work is to be performed? If YES	, please describe the relationship	p, including the	percentage of	the organization	with the organizati	on for which the
NO				8	The state of the s	ppi oximate value.
19b) Do you, your spouse or sig	nificant other, or your children	hold a managen	nent position	with the organiz	ration for which th	le work is to be
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20b) Do you, your spouse or sign	nificant other, or your children p	participate in th	e ongoing day	to day an analy		
participation.	,		- angoing day	-to-day operatio	or the organiza	ition? If YES, please
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Ula) Da van						Arteria y communicação
ole.	nificant other, or your children h	ave a continuin	g advisory rol	e with the organ	nization? If YES, p	lease describe this
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TO BE COMPLETED BY THE OFFICE OF THE PROVOST: (34) Evaluation of Request by the Office of the Provost Review Required by the Provost Review Not Required by the Provost Recommended Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Requirements upon which Approval is Conditional if any: (37) Date Office of the Provost (print) Signature		The second secon	
(34) Evaluation of Request by the Office of the Provost Review Required by the Provost Review Not Required by the Provost Recommended Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Requirements upon which Approval is Conditional if any: (37) Date Office of the Provost (print) Signature		Lisa Graumlich Allri	increikema delluma
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(36) Evaluation of Request by the Provost Recommended Not Recommended Excluded from Policy (Sec. 5). Approval Not Required Requirements upon which Approval is Conditional if any: (37) Date Office of the Provost (print) Signature	·		d by the Provest
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Requirements upon which Approval is Conditional if any: (37) Date Office of the Provost (print) Signature	<u></u>		Excluded from Policy (Sec. 5). Approval Not Required
(37) Date Office of the Provost (print) Signature			
	(37) Date	Office of the Provost (print)	Signature
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

21 San 18 18



TO BE COMPLETED BY THE APPLICANT:		EZ	
1 1-11	irst Name		(3) Middle Initial
Hilborn Ray			W
0// 007 575	are you here on a visa?		
		Туре:	·
(7) Job Title (8) Department/Program (if applica			
Professor Aquatic and Fishery Science		nt Main Campus	
(10) FTE (if part time, indicate percentage)	(11) Service Period		ECEIVED
X Full Time orPart Time %	X 9 months or 12	months	
(12) Name of Organization for whom work will be performed			CT 1 ** ///
San Luis Delta Mendota Water District		. 77	*
(13) Type of Organization (select one) Private: For-Profit Private: Not-For-Profit P		————Ac	ademie HD
	ublic: FederalP	ublic: State	X Public: Local
(14) Category of Activity (check all that apply)			
Professional/Private Practice Performing Arts _x Consultan Professional/Continuing Education Scientific/Technical/Expert Adv	tSpeakerBoard	Member Editor	Expert Witness
(15) Period of Work (date range must fall within one academic year, 711-6/30			
From (mm/dd/yyyy): 09/01/2012 To (mm/dd/yyyy):		umber of Days Requeste	ad for Activity
(17) Provide a brief abstract of the activities to be performed	06/30/2013	10	
Evaluate status of delta smelt and chinook salmon in	California as impagred by		
2 raidate stated of delta shield and chinook saimon in	Camornia as impacted b	y water withdrawai	S
(18-27) Answer "Yes" or "No" for each question. If you answered "Yes"	to any question, you must pro	vide additional docume	entation below
(18a) fes X No Do you, your spouse or significant other, or your	children have an ownership o	r deeper involvement	with the organization
for which the work is to be performed?			
(19a) Yes X No Do you, your spouse or significant other, or your work is to be performed?	children hold a management	position with the organ	ization for which the
(20a) Yes X No Do you, your spouse or significant other, or your	children participate in the one	going day-to-day oners	tions of the
organization?			
(21a) Yes X No Do you, your spouse or significant other, or your			
(22a) Yes X No Will this activity result in the transfer or use of ter	hnology, information or othe	er intellectual property	developed at the
University of Washington that is not publicly available	ble?		
(23a) Yes X No Will this activity result in the transfer or use of dis not yet disclosed to the University of Washington	coveries, software, databases	, inventions or other in	tellectual property
(24a) Yes X No Will this activity result in the transfer or use of int	ellectual property obligated o	r licensed to another o	ntinu)
(25a)Yes _X No Will you receive, or do you anticipate receiving, re			nucy:
		nization!	
(26a) Yes X No Will this activity require that you conduct original			
(27a) Yes _X No Will University of Washington employees or stude	nts be involved?		
(18h) Do you your spouse or similares askes as as a select			
(18b) Do you, your spouse or significant other, or your children have an o work is to be performed? If YES, please describe the relationship, including	whership or deeper involvements	ent with the organizatio	on for which the
NO	the percentage of the organi.	sation owned and its ap	proximate value.
1 # 170			Manufacture of the state of the
(19b) Do you, your spouse or significant other, or your children hold a man	agement position with the or,	ganization for which the	e work is to be
performed: If (E3, please describe the position.			
NO			
(20b) Do you, your spouse or significant other, or your children participate	in the ongoing day-to-day ope	erations of the organiza	tion? If YES, please
describe dis participation.		Suma	Los picase
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			Versianning age
(21b) Do you, your spouse or significant other, or your children have a cont	inuing advisory role with the	organization) If VEC -1	oarn dorestha all
ole.	a a state of the main tile	Seguization: II I ES, PII	ease describe this
NO		Millional Malle Marrier Marrier Marrier (Marrier Marrier Marri	
			Access and

		tion or other intellectual property developed at the University of
NO NO	publicly available? If YES, please explain.	
NO		
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(23b) Will this activity re	esult in the transfer or use of discoveries, softwar	e, databases, inventions or other intellectual property not yet disclosed t
	ngton? If YES, please explain.	
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(24b) Will this activity re	esult in the transfer or use of intellectual property	obligated or licensed to another entity? If YES, please explain.
NO	· · · · · · · · · · · · · · · · · · ·	os gates of medical to another energy. If I as, please explain.
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	or do you anticipate receiving, research funding fro	om the organization? If YES, please explain.
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/24h) \A/ill this activity so	equire that you conduct original research? If YES,	
	equire that you conduct original research: 11 TES,	ріеаѕе ехріаіп.
NO		
(27b) Will University of	Washington employees or students be involved?	If YES, please explain.
NO		
(201)		
(28b) Additional informa	ation or details regarding items 17-27 above.	
The Statements above ar	e truthful to the best of my knowledge. With this	request for outside work, I acknowledge that I am bound by and I agree
to comply with the Unive	ersity Patent, Invention, and Copyright Policy (Exe	cutive Order 36) ("Policy"), as it may be amended from time to time. In
accordance with this Poli	cy, I will disclose all inventions and discoveries I c	reate to the UW Center for Commercialization, including any that I
create in connection with	any outside work. I agree to assign and I hereby	assign to the University all my rights in any intellectual property to
	es or with more than incidental use of University	I created such intellectual property in the course of my University
(29) Date	Applicant (print)	Signature
I September 2012	Ray Hilborn	1(0) 1100
·		- J. W. Town
	BY THE DEPARTMENT CHAIR/PROGRA	M DIRECTOR:
	t by Department Chair/Program Director	
_X Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature
10/09/12	André Punt	Cly
	BY THE DEAN/CHANCELLOR/VICE PRO	vost:
<u> </u>	t by Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
33) Date	Dean/Chancellor/Vice Provost (print)	Signature
10/15/12	Lisa Granmlich bar	lene Feikema ateitima
	BY THE OFFICE OF THE PROVOST:	
i i 	t by the Office of the Provost	
Review Required by t		by the Provost
36) Evaluation of Reques	······································	
Recommended	Not Recommended	Excluded from Policy (Sec. 5). Approval Not Required
Requirements upon which	Approval is Conditional if any:	
27) Dece	Office of the Brown (t.)	
37) Date	Office of the Provost (print)	Signature
10/23/12		
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	Jocettin Many	Juin na

REQUEST for A	PPROVAL of OUT	SIDE PROFESSION	ONAL WORK for COM	ipensation	酮 COPY
(1) Last Name			(2) First Name		(3) Middle Initial
Hilborn			Ray		W
(4) Employee ID (no	: SSN) (5)	Campus Box #	(6) Are you here on a v	isa?	; T . Z
866-007-575	355	020	No_x_ Yes		
(7) Job Title	(8)	Department/Program	m (if applicable) (9) College/	School/Campus	
Professor	pA.	uatic and Fishery	Sciences, College of Env	vironment Main (Campus RECEIVEI
(10) FTE (if part time	indicate percentage)	<u> </u>	(11) Service Pe	riod	Campus JOET VET
X Full Time or	Part Time	%		or 12 months	111 1 17 3040
(12) Name of Organ	zation for whom work	will be performed	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		UCT 17 2012
Shoreline Resour	ce Consultants				Acod
(13) Type of Organiz					Academic HR
x Private: For-Profit		Not-For-Profit	Public: Federal	D. L.F. C	
(14) Category of Act	vity (check all that apply	1)	ruolic. regeral	Public: State	Public: Local
Professional/Pr	vate Practice Per	forming Arts	Consultant Speaker	Passed Manufacture	Editor Expert Witness
Professional/Con	tinuing Education X Sci	entific/Technical/Ex	pert Advisor Reviewer	board inember	Editor Expert Witness
(15) Period of Work	(date range must fall wit	hin one academic ved	r. 7/1-6/30)	Other;	
From (mm/dd/yyyy):	09/01/2012	To (mm/d			Days Requested for Activity
	ostract of the activities	to be performed	4/7/7//. 00/30/2013	5	
Review ar	nd advise process r	o develor mana	gement plans for lobster		
1					
(18-27) Answer "Yes"	or "No" for each que	stion. If you answer	ed "Yes" to any question, you	11:	
(18a)Yes X N	/ / · pous	c or significant other	i. Or your children have an ow	must provide additi	ional documentation below nvolvement with the organization
/10a\	for which the work	is to be performed?		meromp of deeper i	involvement with the organization
(13g) Tes X V	o Do you, your spous	e or significant other	r, or your children hold a man	agement position wi	ith the organization for which the
(20a) Yes X N	work is to be perfor	med!	a Washington of Allelanders		Service Control of the
			r, or your children participate		
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(22a) Yes X N	o Will this activity rose	ult in the tennels	and the second	anding advisory role	with the organization?
	University of Washir	nt in the transfer or	use of technology, informatio	n or other intellectu	ual property developed at the
(23a)Yes _X N	Will this activity resu	ilt in the transfer or	use of discoveries software	databasas income	s or other intellectual property
	not yet disclosed to	the University of W	ashington?	ratabases, inventions	s or other intellectual property
(24a) Yes _X N	Will this activity resu	It in the transfer or	use of intellectual property of	oligated or licensed t	to another entity?
(25a) Yes _X No	Will you receive, or	do you anticipate re	ceiving, research funding from	the eventual of	another circley:
(26a) Yes X No	Will this activity road	د د د د د د د د د د د د د د د د د د د	come, research landing ironi	the organization?	
	Will this activity requ				
(2/a) _ Yes _X No	Will University of W	ashington employee:	s or students be involved?		
work is to be performe	ed? If YES, please descr	ir, or your children i	have an ownership or deeper including the percentage of th	involvement with the	e organization for which the
NO	Top promote description	toe the relationship,	including the percentage of th	e organization owne	ed and its approximate value.
					of contracting
(19b) Do you, your spo	use or significant other	, or your children h	old a management position wit		
	se describe the positio	n.	ord a management position wil	in the organization f	or which the work is to be
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describe this participation	use or significant other,	or your children pa	rticipate in the ongoing day-to	-day operations of t	the organization? If YES, please
NO		Till a in a challan managana ang kalanda da d			A Comment of the second of the second of
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21b) Do you, your spot	se or significant other.	or your children has	ve a continuing advisory role v	with the	
		y amount sin Ha	a continuing advisory role v	viul the organization	of It YES, please describe this
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Office of the Provoct IRms October 2011).

	esult in the transfer or use of technology, informa publicly available? If YES, please explain.	ition or other intellectual property developed at the University of
NO	restrict to the presse explain.	
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	isult in the transfer or use of intellectual property	obligated or licensed to another entity! If YES, please explain.
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	r do you anticipate receiving, research funding fro	om the organization? If YES, please explain.
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(26b) Will this activity re	quire that you conduct original research? If YES,	please explain.
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(27b) Will University of \	Washington employees or students be involved?	If YES, please explain.
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(28b) Additional informa	tion or details regarding items 17-27 above.	
(200) / (40/40/14)	don or octains regarding recents 17-27 above.	
to comply with the Unive accordance with this Polic create in connection with which the University has:	rsity Patent, Invention, and Copyright Policy (Exe cy, I will disclose all inventions and discoveries I c any outside work. I agree to assign and I hereby	request for outside work, I acknowledge that I am bound by and I agree cutive Order 36) ("Policy"), as it may be amended from time to time. In reate to the UW Center for Commercialization, including any that I vassign to the University all my rights in any intellectual property to I created such intellectual property in the course of my University
(29) Date	Applicant (print)	Signature) A
1 September 2012	Ray Hilborn	(V) (Q) (V) (V)
		TO THE STATE OF TH
	BY THE DEPARTMENT CHAIR/PROGRA t by Department Chair/Program Director	M DIRECTOR:
Recommended	Not Recommended	Evaluated from Dalia (C - F) A - I A - I A
(31) Date	Department Chair/Program Director (print)	Excluded from Policy (Sec. 5), Approval Not Required Signature
10/09/12	André Punt	(I A D.)
	BY THE DEAN/CHANCELLOR/VICE PRO	VOST:
	by Dean/Chancellor/Vice Provost	,
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
33) Date	Dean/Chancellor/Vice Provost (print)	Signature
10/15/12		lene Feikerra d'Leikima
	BY THE OFFICE OF THE PROVOST:	
Review Required by the	by the Office of the Provost	
36) Evaluation of Request		by the Provost
Recommended	Not Recommended	Evaluded from Bolicy (See 5) Assessed No. 2
	Approval is Conditional if any:	Excluded from Policy (Sec. 5), Approval Not Required
	FF. Committee of the co	
37) Date	Office of the Provost (print)	Signature
10/23/12	Jocelyn Maner	- caryon Maryon

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT: (1) Last Name (2) First Name (3) Middle Initial Hilborn Ray (4) Employee ID (not SSN) (5) Campus Box # (6) Are you here on a visa? 866-007-575 355020 No_x_ Yes (7) Job Title (8) Department/Program (if applicable) (9) College/School/Campus Professor Aquatic and Fishery Sciences, College of Environment Main Campus (10) FTE (if part time, indicate percentage) (11) Service Period X Full Time or Part Time X9 months or 12 months (12) Name of Organization for whom work will be performed McKinzie and Company (13) Type of Organization (select one) x Private: For-Profit Private: Not-For-Profit Public: Federal Public: State Public: Local (14) Category of Activity (check all that apply) Professional/Private Practice _ Performing Arts _ Consultant _ . Speaker Board Member Editor Expert Witness Professional/Continuing Education X Scientific/Technical/Expert Advisor Reviewer Other: (15) Period of Work (date range must fall within one academic year, 7/1-6/30) (16) Number of Days Requested for Activity From (mm/dd/yyy): 09/01/2012 To (mm/dd/yyyy): 06/30/2013 2 (17) Provide a brief abstract of the activities to be performed Prepare summary of what is known about bluefin tuna populations (18-27) Answer "Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additional documentation below (18a) __Yes X No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? (19a) Yes X No Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? __ Yes _X No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? (21a) ___Yes _X No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? (22a) Yes X No Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? (23a) __ Yes _X No Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? (24a) __ Yes _X No Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (25a) Yes X No Will you receive, or do you anticipate receiving, research funding from the organization? (26a) ___Yes _X No Will this activity require that you conduct original research? (27a) ___Yes _X No Will University of Washington employees or students be involved? (18b) Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? If YES, please describe the relationship, including the percentage of the organization owned and its approximate value. NO (19b) Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? If YES, please describe the position. NO (20b) Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? If YES, please NO

(21b) Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? If YES, please describe this

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NO

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(23b) Will this activity re	esult in the transfer or use of discoveries, software	e, databases, inventions or other intellectual property not yet disclosed to
	ngton? If YES, please explain.	
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	or do you anticipate receiving, research funding fro	om the organization? If YES, please explain.
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	equire triat you conduct original research: 11 123,	please explain.
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(27b) Will University of	Washington employees or students be involved? I	f YES, please explain.
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(28b) Additional informa	ition or details regarding items 17-27 above.	
create in connection with which the University has	n any outside work. I agree to assign and I hereby	_ .
I September 2012	Ray Hilborn	Signature
1 September 2012	Ray Hilborn	K CO HOLL
TO BE COMPLETED	BY THE DEPARTMENT CHAIR/PROGRAM	M DIRECTOR:
	it by Department Chair/Program Director	TI DIRECTOR.
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature Signature
10/10/10	ST André Punt	
	BY THE DEAN/CHANCELLOR/VICE PRO	VOST:
	t by Dean/Chancellor/Vice Provost	¥031;
Recommended	Not Recommended	Evaluated from Policy (See S) Appeared Non-Regulary
(33) Date	Dean/Chancellor/Vice Provost (print)	Excluded from Policy (Sec. 5), Approval Not Required
		Signature
10/15/12	Lisa Graumlich Bar	Tene reinera aflikama
	BY THE OFFICE OF THE PROVOST: t by the Office of the Provost	,
Review Required by t	·	by the Provost
36) Evaluation of Reques		
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
Requirements upon which	Approval is Conditional if any:	
37.6	0%	
37) Date	Office of the Provost (print)	Signature
10/25/12	Joceryn Maner	heirin Men
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT: (2) First Name (3) Middle Initial (1) Last Name Ray Hilborn (4) Employee ID (not SSN) (5) Campus Box # (6) Are you here on a visa? Yes 866-007-575 No x Visa Type: (8) Department/Program (if applicable) (9) College/School/Campus (7) Job Title RECEIVED School of Aquatic and Fishery Sciences College of the Environment Professor (11) Service Period (10) FTE (if part time, indicate percentage) x 9 months or 12 months x Full Time or Part Time (12) Name of Organization for whom work will be performed Academic HR New Zealand Seafood Industry Council (13) Type of Organization (select one) x Private: Not-For-Profit Public: Federal Public: State Public: Local Private: For-Profit (14) Category of Activity (check all that apply) Consultant Editor Expert Witness Professional/Private Practice Performing Arts x Speaker Board Member Professional/Continuing Education x Scientific/Technical/Expert Advisor Reviewer Other: (15) Period of Work (date range must fall within one academic year, 711-6130) (16) Number of Days Requested for Activity From (mm/dd/yyyy): 01/1/2012 02/15/2012 To (mm/dd/yyyy): (17) Provide a brief abstract of the activities to be performed Prepare a report on the environmental impacts of New Zealand fisheries compared to New Zealand dairy and meat production (18-27) Answer "Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additional documentation below Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization (18a) __Yes x No for which the work is to be performed? Do you, your spouse or significant other, or your children hold a management position with the organization for which the (19a) Yes x No work is to be performed? Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the (20a) ___Yes _x_No organization? (21a) __ Yes x No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? Will this activity result in the transfer or use of technology, information or other intellectual property developed at the (22a) Yes x No University of Washington that is not publicly available? Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property (23a) __ Yes x No not yet disclosed to the University of Washington? Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (24a) Yes x No (25a) Yes x No Will you receive, or do you anticipate receiving, research funding from the organization? (26a) Yes x No Will this activity require that you conduct original research? (27a) __ Yes x No Will University of Washington employees or students be involved? (18b) Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? If YES, please describe the relationship, including the percentage of the organization owned and its approximate value. (19b) Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? If YES, please describe the position. no (20b) Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? If YES, please describe this participation. no (21b) Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? If YES, please describe this role. no

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	esult in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed
	ington? If YES, please explain.
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5b) Will you receive,	or do you anticipate receiving, research funding from the organization? If YES, please explain.
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(h) Will this activity of	equire that you conduct original research? If YES, please explain.
no	equire that you conduct original research: If it is, please explain.
110	
7b) Will University of	Washington employees or students be involved? If YES, please explain.
no	
28b) Additional inform	nation or details regarding items 17-27 above.
-	
cordance with this Po reate in connection with hich the University has	versity Patent, Invention, and Copyright Policy (Executive Order 36) ("Policy"), as it may be amended from time to time. In slicy, I will disclose all inventions and discoveries I create to the UW Center for Commercialization, including any that I the any outside work. I agree to assign and I hereby assign to the University all my rights in any intellectual property to say right of assignment under the Policy, provided I created such intellectual property in the course of my University
	ties or with more than incidental use of University resources. Applicant (print) Signature
9) Date 261 Do 2014	·
20 De 2014 O BE COMPLETE	Applicant (print) Signature Signature D BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR:
O BE COMPLETED O) Evaluation of Reque	Applicant (print) Signature D BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director
26 Da 2014 O BE COMPLETED O) Evaluation of Reque	Applicant (print) Signature Signature DBY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required
De 2011 O BE COMPLETED O) Evaluation of Reque Recommended 1) Date	Applicant (print) Signature D BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature
De 2011 O BE COMPLETED O) Evaluation of Reque Recommended 1) Date 3/20/20/7	Applicant (print) Signature DBY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVIA AMSTORIA
De 2014 O BE COMPLETED O) Evaluation of Reque Z Recommended I) Date 3/20/20/7 O BE COMPLETED	Applicant (print) Signature DBY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVID AMMSTORY DBY THE DEAN/CHANCELLOR/VICE PROVOST:
O BE COMPLETED O BE COMPLETED Recommended 1) Date 3/20/7 O BE COMPLETED 2) Evaluation of Reque	Applicant (print) Signature DBY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not RecommendedExcluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVID AMMSTONIA DBY THE DEAN/CHANCELLONVICE PROVOST: est by Dean/Chancellor/Vice Provost
O BE COMPLETED O) Evaluation of Reque Recommended 1) Date 3/20/20/7 O BE COMPLETED 2) Evaluation of Reque Recommended	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVID AMMSTORY DBY THE DEAN/CHANCELLOR/VICE PROVOST:
O BE COMPLETED O) Evaluation of Reque Recommended 1) Date 3/20/20/7 O BE COMPLETED 2) Evaluation of Reque Recommended	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DUVID HY MET DIAL DBY THE DEAN/CHANCELLOR/VICE PROVOST: est by Dean/Chancellor/Vice Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Dean/Chancellor/Vice Provost (print) Signature
De 2011 O BE COMPLETED O) Evaluation of Reque Recommended 1) Date 3/20/20/20/20 O BE COMPLETED Recommended 3) Date 3 Date G BE COMPLETED O BE COMPLETED O BE COMPLETED O BE COMPLETED	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVID ANY STORY DBY THE DEAN/CHANCELLOR/VICE PROVOST: est by Dean/Chancellor/Vice Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Dean/Chancellor/Vice Provost (print) Signature DBY THE OFFICE OF THE PROVOST:
O BE COMPLETED O) Evaluation of Reque A Recommended I) Date 3/20/20/20/20 O BE COMPLETED Recommended 3) Date 3 Date 3 Date 3 DBE COMPLETED O BE COMPLETED O BE COMPLETED O BE COMPLETED	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DAVID ATMINITION BY THE DEAN/CHANCELLORVICE PROVOST: est by Dean/Chancellor/Vice Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Dean/Chancellor/Vice Provost (print) Signature Signature
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O BE COMPLETED O) Evaluation of Request Recommended I) Date C) Evaluation of Request Recommended 3) Date C) BE COMPLETED Recommended 3) Date C) BE COMPLETED C) Evaluation of Request Review Required by C) Evaluation of Request Recommended	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DUVID MYSTONIA DBY THE DEAN/CHANCELLOR/VICE PROVOST: est by Dean/Chancellor/Vice Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Dean/Chancellor/Vice Provost (print) Signature DBY THE OFFICE OF THE PROVOST: est by the Office of the Provost y the Provost Review Not Required by the Provost est by the Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required
O BE COMPLETED O Evaluation of Requestable Recommended O BE COMPLETED O BE COMPLETED Recommended O BE COMPLETED Recommended O BE COMPLETED O	Applicant (print) BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: est by Department Chair/Program Director Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Department Chair/Program Director (print) Signature DUVID MYSTONIA DBY THE DEAN/CHANCELLOR/VICE PROVOST: est by Dean/Chancellor/Vice Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required Dean/Chancellor/Vice Provost (print) Signature DBY THE OFFICE OF THE PROVOST: est by the Office of the Provost y the Provost Review Not Required by the Provost est by the Provost Not Recommended Excluded from Policy (Sec. 5), Approval Not Required

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT: (2) First Name (3) Middle Initial (1) Last Name Hilborn Ray (4) Employee ID (not SSN) (5) Campus Box # (6) Are you here on a visa? 866-007-575 Visa Type: No x Yes (9) College/School/Campus (7) Job Title (8) Department/Program (if applicable) School of Aquatic and Fishery Sciences College of the Environment RECEIVED Professor (10) FTE (if part time, indicate percentage) (11) Service Period MAR 3 0 70% x 9 months or x Full Time or Part Time 12 months (12) Name of Organization for whom work will be performed Sydney Fish Market Academic HR (13) Type of Organization (select one) X Private: For-Profit Private: Not-For-Profit Public: Federal Public: State Public: Local (14) Category of Activity (check all that apply) Professional/Private Practice Performing Arts _ Consultant x Speaker Board Member Editor **Expert Witness** Professional/Continuing Education ___ Scientific/Technical/Expert Advisor __ Reviewer Other: (16) Number of Days Requested for Activity (15) Period of Work (date range must fall within one academic year, 7/1-6/30) 01/15/2012 From (mmlddlyyy): To (mm/dd/yyy): 02/15/2012 5 (17) Provide a brief abstract of the activities to be performed Give a series of talks on the status of fisheries in Sydney and Canberra Australia (18-27) Answer "Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additional documentation below (18a) ___Yes x No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? Do you, your spouse or significant other, or your children hold a management position with the organization for which the (19a) __ Yes x No work is to be performed? Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the (20a) __ Yes _x_ No (21a) __ Yes x No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? (22a) __ Yes x No Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? (23a) __ Yes x No Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? (24a) __ Yes x No Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (25a) ___Yes x No Will you receive, or do you anticipate receiving, research funding from the organization? (26a) Yes x No Will this activity require that you conduct original research? (27a) ___ Yes x No Will University of Washington employees or students be involved? (18b) Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? If YES, please describe the relationship, including the percentage of the organization owned and its approximate value. (19b) Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? If YES, please describe the position. no (20b) Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? If YES, please describe this participation. no (21b) Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? If YES, please describe this



role.

no

22b) Will this activity result in Washington that is not publich	n the transfer or use of technology, information y available? If YES, please explain.	n or other intellectual property developed at the University of
no.		
(23b) Will this activity result in the University of Washington	n the transfer or use of discoveries, software, o	databases, inventions or other intellectual property not yet disclosed to
no		
(24L) MA(III abia accining regula i	n the transfer or use of intellectual property of	bligated or licensed to another entity? If YES, please explain.
	if the transfer of use of monetary property	
no		
		· · · · · · · · · · · · · · · · · · ·
(25b) Will you receive, or do	you anticipate receiving, research funding from	the organization: If TES, please explain.
no		
(26b) Will this activity require	e that you conduct original research? If YES, plo	ease explain.
no		
(5-1) \ (60 1) \ (nington employees or students be involved? If	YFS, please explain.
<u> </u>	lington employees of students de involved.	
no		
(28b) Additional information	or details regarding items 17-27 above.	
to comply with the University accordance with this Policy, I create in connection with any which the University has a risk which w	y Patent, Invention, and Copyright Policy (Exect will disclose all inventions and discoveries I cre y outside work. Lagree to assign and I hereby a	request for outside work. I acknowledge that I am bound by and I agree utive Order 36) ("Policy"), as it may be amended from time to time. In eate to the UW Center for Commercialization, including any that I assign to the University all my rights in any intellectual property to created such intellectual property in the course of my University resources. Signature
29 Dec 2011	12A7 1 150005	Van NW
TO BE COMPLETED BY	THE DEPARTMENT CHAIR/PROGRAM Department Chair/Program Director	1 DIRECTOR:
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature
3/20/2012	David Armstrony	
TO BE COMPLETED BY	THE DEAN/CHANCELLOR/VICE PRO	VOST:
(32) Evaluation of Request by	Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(33) Date	Dean/Chancellor/Vice Provost (print)	Signature Wen
32812	Lisa Gravuli	iel
TO BE COMPLETED BY	THE OFFICE OF THE PROVOST:	
(34) Evaluation of Request b		by the Provost
Review Required by the (36) Evaluation of Request by		of and the same
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
	pproval is Conditional if any:	
	<u> </u>	
(37) Date	Office of the Provost (print)	Signature
4/2/2012	Noted for the ve	'CVA

eGC1#	FA#	Budget Number	Biennium Year	Short Title
A88142	FA106394	62-7961	2013	MANAGING SPORT FISHING
A95151	FA109522	62-8317	2013	ASIAN TRAWLING
A94729	FA109738	62-8570	2013	ONP SALMONIDS
A98573	FA112439	63-0057	2013	DE ALESSI PACKARD 2014
A98571	FA111580	63-0171	2013	DE ALESSI WALTON 2014
A109087	FA123048	63-3111	2015	FAO TRAWL 2016
A70774	FA74576	63-5772	2011	foregone harvest
A73772	FA77985	63-5772	2011	foregone harvest
A79538	FA85733	63-5772	2011	foregone harvest
A102960	FA115790	63-5923	2015	JRC STOCK STATUS
A44537	FA83343	63-8462	2011	Bristol Bay 3
A65226	FA85497	63-8462	2011	Bristol Bay 3
A75384	FA80329	63-8462	2011	Bristol Bay 3
A88830	FA98494	63-8462	2013	Bristol Bay 3
A85664	FA98870	66-0966	2013	Sustainable Fisheries
A89026	FA99300	66-1244	2013	FISHERIES SUCCESS
A68214	FA71962	66-2181	2011	Fisheries Success
A69739	FA73030	66-2865	2011	Fisheries Success EDF
A90349	FA99888	66-4098	2013	SE Asia Trawling
A72329	FA82186	66-4254	2011	Sustainable Fisheries

Long Title	Parent Application Type	Sponsored Program Activity Type	Project Type	PI EIN
Evaluation of governance alternatives in managing recreational fisheries in the U.S.	New	Research: Applied	Grant	866007575
Tropical Trawl Fishery Impacts in Asia	New	Research: Applied	Grant	866007575
Evaluate Productivity and Abundance of Selected Salmonid Populations in Olympic National Park	New	Research: Applied	Grant	866007575
Institutional Dimensions of Fisheries Success and BSC Fisheries Reform in Indonesia	New	Research: Applied	Grant	866007575
Legal and Institutional Dimensions of Fisheries Success: Blue Swimming Crab	Non-Competing Renewal	Research: Applied	Grant	866007575
Organization of a Workshop on use of best available science in developing and promoting best practices for trawl fishing operations in Latin America	New	Research: Applied	Grant	866007575
NEW Reducing foregone harvest by changing in-season management	Non-Competing Supplement	Research: Applied	Grant	866007575
NEW Reducing foregone harvest by changing in-season management	Non-Competing Supplement	Research: Applied	Grant	866007575
NEW Reducing foregone harvest by changing in-season management	Non-Competing Supplement	Research: Applied	Grant	866007575
JRC status of fish stock	New	Research: Applied	Contract	866007575
Bristol Bay Salmon	Supplement and Extension	Research: Applied	Grant	866007575
Bristol Bay Salmon	Supplement and Extension	Research: Applied	Contract	866007575
Bristol Bay Salmon	Supplement and Extension	Research: Applied	Contract	866007575
Bristol Bay Salmon	Non-Competing Supplement	Research: Applied	Contract	866007575
Finding the keys to sustainability in world fisheries	Non-Competing Renewal	Research: Applied	Grant	866007575
Legal and Institutional Dimensions of Fisheries Success	Non-Competing Renewal	Research: Applied	Grant	866007575
Legal and Institutional Dimensions of Fisheries Success: Fishing Rights, Cooperative Frameworks, and the Use of Science	New	Research: Applied	Grant	866007575
Legal and Institutional Dimensions of Fisheries Success: Fishing Rights, Cooperative Frameworks, and the Use of Science	New	Research: Applied	Grant	866007575
Organization of a Workshop on use of best available science in developing and promoting best practices for trawl fishing operations in Southeast Asia	New	Research: Applied	Contract	866007575
Finding the keys to sustainability in world fisheries	Non-Competing Renewal	Research: Applied	Grant	866007575

Principal Investigator (PI)	Org Receiving Funding Code	Department	School/College	Sponsor Name
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	National Marine Fisheries Service (NMFS)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	National Oceanic and Atmospheric Administration (NOAA)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	National Park Service (NPS)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	David and Lucile Packard Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	United Nations, Food and Agriculture Organization
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bristol Bay Regional Seafood Development Association
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bristol Bay Regional Seafood Development Association
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bristol Bay Regional Seafood Development Association
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	European Commission
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Yardarm Knot, Inc.
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Peter Pan Seafoods, Inc.
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Peter Pan Seafoods, Inc.
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Peter Pan Seafoods, Inc.
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Environmental Defense
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	United Nations, Food and Agriculture Organization
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation

Sponsor Type (Category)	Federal	Originating Sponsor Name	Current Amount	Sponsor Award Number	Award Status
Department of Commerce	Yes	National Marine Fisheries Service (NMFS)	\$180,544.00	NA14NMF4270051	Processed
Department of Commerce	Yes	National Oceanic and Atmospheric Administration (NOAA)	\$88,314.71	NA14NMF4270354	Processed
Department of the Interior	Yes	National Park Service (NPS)	\$66,975.00	Task Agr P14AC01774 (Coop Agrmnt No.H8W07110001)	Processed
Foundation	No	David and Lucile Packard Foundation	\$50,000.00	2014-40677	Processed
Foundation	No	Walton Family Foundation	\$79,173.00	2014-1630	Processed
Foreign Government	No	United Nations, Food and Agriculture Organization	\$60,000.00	PO 318492	Processed
Association & Non-Profits	No	Bristol Bay Regional Seafood Development Association	\$67,281.00	None, Amendment #2	Processed
Association & Non-Profits	No	Bristol Bay Regional Seafood Development Association	\$378,000.00	None, Amend.#3	Processed
Association & Non-Profits	No	Bristol Bay Regional Seafood Development Association	\$52,027.48	None, Amendment #4	Processed
Foreign Government	No	European Commission	\$13,830.00	260387	Processed
Private Industry	No	Yardarm Knot, Inc.	\$7,940.00	3 checks: #106130, #106505 & #106872	Processed
Private Industry	No	Peter Pan Seafoods, Inc.	\$5,489.00		Processed
Private Industry	No	Peter Pan Seafoods, Inc.	\$17,073.00	Check #3323653; #3323673; #3323720	Processed
Private Industry	No	Peter Pan Seafoods, Inc.	\$16,345.46	Check# 3327705	Processed
Foundation	No	Walton Family Foundation	\$99,949.00	2013-1108	Processed
Foundation	No	Walton Family Foundation	\$106,950.00	2013-1107	Processed
Foundation	No	Walton Family Foundation	\$198,237.00	2011-788	Processed
Foundation	No	Environmental Defense	\$99,119.00	NONE	Processed
Foreign Government	No	United Nations, Food and Agriculture Organization	\$65,000.00	301010	Processed
Foundation	No	Walton Family Foundation	\$99,612.00	2012-630	Processed

F&A	Project Period Start	Project Period End	Research	Fiscal
25.0	Date 7/1/2014	Date 6/30/2016	Award Date 7/29/2014	Year 2015
25.0	7/1/2014	6/30/2016	7729/2014	2013
26.0	7/1/2014	6/30/2015	9/19/2014	2015
17.5	9/15/2014	12/31/2016	11/7/2014	2015
15.0	12/1/2014	6/30/2015	12/31/2014	2015
15.0	11/1/2014	10/31/2015	1/9/2015	2015
13.0	12/19/2015	12/31/2016	12/3/2015	2016
5.0	7/30/2009	1/31/2013	10/10/2011	2012
5.0	7/30/2009	1/31/2013	2/6/2012	2012
5.0	7/30/2009	1/31/2013	9/25/2012	2013
26.0	8/6/2015	12/31/2015	8/8/2015	2016
26.0	4/1/1997	3/31/2015	7/25/2012	2013
26.0	4/1/1997	3/31/2015	9/24/2012	2013
26.0	4/1/1997	3/31/2015	4/23/2012	2012
26.0	4/1/1997	3/31/2015	10/21/2013	2014
15.0	7/1/2013	6/30/2014	11/8/2013	2014
15.0	10/1/2013	9/30/2014	11/21/2013	2014
15.0	8/1/2011	7/31/2013	8/11/2011	2012
15.0	8/1/2011	8/30/2012	9/30/2011	2012
10.0	12/19/2013	12/31/2014	2/4/2014	2014
15.0	5/1/2012	4/30/2013	6/21/2012	2012

A74109	FA84254	66-5475	2011	Trawling Walton
A80942	FA87219	66-5836	2011	Fisheries Performance
A79653	FA85555	66-5936	2011	Trawling Packard
A92994	FA103311	66-7163	2013	OPH-ILNIK STOCK MIXTUR
A81776	FA91938	66-7533	2011	AYK Chinook survival
A81776	FA100352	66-7533	2013	AYK Chinook survival
A94677	FA107283	66-8248	2013	TRAWLING PACKARD II
A93937	FA107330	66-8566	2013	MERGING DATA BASES
A87237	FA96701	66-8656	2013	Bristol Bay OEG Analys
A94454	FA108908	66-8771	2013	TRAWLING WALTON 2

Trawling: finding common ground on the scientific knowledge regarding best practices	New	Research: Applied	Grant	866007575
Assessing fisheries biological, social and economic performance	New	Research: Applied	Contract	866007575
Trawling: finding common ground on the scientific knowledge regarding best practices Packard	New	Research: Applied	Grant	866007575
Estimating stock composition Outer Port Hedein and Ilnik sections of Alaska North Peninsula	New	Research: Applied	Grant	866007575
Impacts of climate and physical conditions on Artic-Yukon- Kuskokwim Chinook salmon survival	New	Research: Applied	Contract	866007575
Impacts of climate and physical conditions on Artic-Yukon- Kuskokwim Chinook salmon survival	New	Research: Applied	Grant	866007575
Trawling: finding common ground on the scientific knowledge regarding best practices Packard II	Non-Competing Renewal	Research: Applied	Grant	866007575
Merging stock status data bases	New	Research: Applied	Grant	866007575
Analysis of Escapement Goals for Bristol Bay Sockeye Salmon taking into Account Biological and Economic Factors	New	Research: Applied	Contract	866007575
Trawling: finding common ground on the scientific knowledge regarding best practices Year 2	Non-Competing Renewal	Research: Applied	Grant	866007575

HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	United Nations, Food and Agriculture Organization
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	David and Lucile Packard Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bristol Bay Science and Research Institute (BBSRI)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bering Sea Fisherman's Association
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Artic-Yukon-Kushokwim Sustainable Salmon Initiative (AYK SSI)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	David and Lucile Packard Foundation
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	University of California, Santa Barbara
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Bristol Bay Science and Research Institute (BBSRI)
HILBORN, RAY	2630003000	AQUATIC&FISHERY SCIENC	COLLEGE OF ENVIRONMENT	Walton Family Foundation

Foundation	No	Walton Family Foundation	\$150,000.00	2012-742	Processed
Foreign Government	No	United Nations, Food and Agriculture Organization	\$80,000.00	PO 300068	Processed
Foundation	No	David and Lucile Packard Foundation	\$150,000.00	2012-37757	Processed
Association & Non-Profits	No	Bristol Bay Science and Research Institute (BBSRI)	\$489,100.00	N/A	Processed
Association & Non-Profits	No	Bering Sea Fisherman's Association	\$254,207.00	AC-1336A	Processed
Association & Non-Profits	No	Artic-Yukon-Kushokwim Sustainable Salmon Initiative (AYK SSI)	\$62,015.00	AC-1336A REV01	Processed
Foundation	No	David and Lucile Packard Foundation	\$75,000.00	2014-40124	Processed
Public School, College, University	No	David and Lucile Packard Foundation	\$32,500.00	KK1501 (Prime Packard Fdn 2014- 40144)	Processed
Association & Non-Profits	No	Bristol Bay Science and Research Institute (BBSRI)	\$74,035.00		Processed
Foundation	No	Walton Family Foundation	\$74,991.00	2014-1005 (years 2012 2014)	Processed

15.0	7/1/2012	6/30/2014	8/14/2012	2013
10.0	12/30/2012	5/31/2014	2/22/2013	2013
15.0	10/1/2012	9/30/2013	9/24/2012	2013
5.0	4/2/2014	3/31/2016	5/20/2014	2014
54.5	5/1/2013	4/30/2015	6/21/2013	2013
54.5	5/1/2013	4/30/2015	2/4/2014	2014
15.0	6/13/2014	7/31/2015	7/30/2014	2015
15.0	7/1/2014	4/30/2015	9/2/2014	2015
5.0	7/1/2013	12/31/2014	8/29/2013	2014
15.0	6/1/2014	5/31/2015	9/10/2014	2015

Parameters: Research Award Date between 8/1/2011 and 12/28/2015 | PI Name contains hilborn, ray

GLOBAL FISH DATABASE

Date	Account	Amount	Donor
6/14/11	65-8827	10,000	Pacific Seafood Processors
7/13/11	65-8827	1,000	Halibut Producer Pool
7/13/11	65-8827	2,000	Marine Safety Reserve
7/19/11	65-8827	1,500	Icicle Seafoods, Inc
7/22/11	65-8827	13,000	Freezer Longline Conse
7/28/11	65-8827	11,000	Bering Sea Fisheries Res. Found.
8/8/11	65-8827	6,000	Alaska Seafood Cooperative
8/31/11	65-8827	25,000	Arctic Storm
10/3/11	65-8827	20,717	At-Sea Processors
10/6/11	65-8827	15,000	United Catcher Boats
6/13/12	65-8827	15,000	Pacific Seafood Processors
6/14/12	65-8827	1,500	Eat on the Wild Side
6/14/12	65-8827	1,000	Fishing Vessel Owners
6/14/12	65-8827	1,500	Halibut Producer Pool
6/14/12	65-8827	1,500	Icicle Seafoods, Inc
6/14/12	65-8827	2,000	Marine Safety Reserve
7/6/12	65-8827	15,000	United Catcher Boats
7/13/12	65-8827	25,000	Arctic Storm
7/25/12	65-8827	11,000	Bering Sea Fisheries Res. Found.
8/7/12	65-8827	13,000	Freezer Longline Conse
10/22/12	65-8827	21,000	At-Sea Processors
12/21/12	65-8827	5,000	Alaska Seafood Cooperative
6/26/13	65-8827	15,000	Pacific Seafood Processors
11/25/13	65-8827	50,000	Arctic Storm
11/25/13	65-8827	21,000	At-Sea Processors
12/17/13	65-8827	1,500	Icicle Seafoods, Inc
12/18/13	65-8827	11,000	Bering Sea Fisheries Res. Found.
12/18/13	65-8827	15,000	United Catcher Boats
2/13/14	65-8827	10,000	Alaska Seafood Cooperative
4/23/14	65-8827	13,000	Freezer Longline Conse
6/25/14	65-8827	15,000	Pacific Seafood Processors
9/13/14	65-8827	25,000	Arctic Storm
9/13/14	65-8827	21,000	At-Sea Processors
9/13/14	65-8827	1500	Icicle Seafoods, Inc
11/12/14	65-8827	13,000	Freezer Longline Conse
12/5/14	65-8827	11,000	Bering Sea Fisheries Res. Found.
3/9/15	65-8827	5,000	Alaska Seafood Coopertive

8/24/15	65-8827	13,000	Freezer Longline Conse
8/31/15	65-8827	15,000	Pacific Sefood Processors' Assoc.
11/3/15	65-8827	21,000	At-Sea Processors
11/9/15	65-8827	15,000	United Catcher Boats
11/10/15	65-8827	25000	Arctic Storm
12/1/15	65-8827		Icicle Seafoods
11/10/15	65-8827	11000	Bering Sea Fisheries Res. Found

Total Funded 545,717

Note: United Catcher Boats deposit not posted yet

torm \$25K not deposited yet

COORDINATION/COOPERATION IN FISHING

Account	Amount	Donor
65-9118	75,000	Kingfisher Foundation
65-9118	75,000	Kingfisher Foundation
65-9118	25,000	McQuown Revokable Trust
65-9118	25,000	McQuown Revokable Trust
65-9118	25,000	McQuown Revokable Trust
65-9118	50,000	McQuown Revokable Trust
	65-9118 65-9118 65-9118 65-9118	65-911875,00065-911825,00065-911825,00065-911825,000

Total Funded 275,000

IMPACT OF FISHING

Date	Account	Amount	Donor	
12/9/11	65-8667	25,000	American Sportfishing	
10/12/12	65-8667	25,000	American Sportfishing	
8/7/12	65-8667	21,000	At-Sea Processors Assoc.	
7/18/12	65-8667	4,000	BofA wire trans. From ?	
9/28/10	65-8667	2,000	Fisheries Coucil of C.	
1/26/12	65-8667	2,000	Fisheries Coucil of C.	

11/9/10	65-8667	29,000	Inter Coal Fisheries
10/22/12	65-8667	-21,000	JVd to 65-8827
7/18/12	65-8667	-4,000	JVD TO 65-9062
10/30/12	65-8667	-25,000	JVD TO 65-9118
10/12/12	65-8667	25,000	McQuown Revokable Trust
9/15/15	65-8867	10,000	Int'l Seafood Sustainability

Total Funded 93,000

IMPACTS OF TRAWLING

Date	MYFD Month	Account	Amount	Donor
7/18/12	Aug 12	65-9062	4,000 JVd from 65-8667	
8/7/12	Aug 12	65-9062	4,000 Gorton's	
8/7/12	Aug 12	65-9062	2,000 Independent Fisheries	
8/7/12	Aug 12	65-9062	4,000 Sealord Group Limited	
8/8/12	Aug 12	65-9062	4,000 Glacier Fish Company	
8/8/12	Aug 12	65-9062	4,000 San Arawa S.A.	
8/13/12	Aug 12	65-9062	4,000 American Seafoods Group	
9/27/12	Sep 12	65-9062	4,000 Pescachile	
11/30/12	Nov 12	65-9062	10,000 SA Deep Sea Trawling	
12/21/12	Dec 12	65-9062	5,000 Alaska Seafood Cooperative	
12/31/12	Dec 12	65-9062	3,930 Pescachile	
1/9/13	Jan 13	65-9062	14,000 Nippon Suisan, Inc	
7/17/13	Jul 13	65-9062	10,000 Gorton's	
11/25/13	Nov 13	65-9062	4,000 Blumar S.A.	
11/25/13	Nov 13	65-9062	3,980 Espersen A/S	
11/25/13	Nov 14	65-9062	15,000 Sanford Ltd.	
10/10/14	Dec 14	65-9602	10,000 San Arawa S.A.	
11/12/14	Dec 14	65-9062	10,000 American Seafoods	
11/17/14	Feb 15	65-9062	14,000 Trident Seafoods	
9/19/15	Sep 15	65-9062	2,000 Independent Fisheries	
10/27/15	Oct 15	65-9062	10,000	
11/21/14	Feb 15	65-9062	13,985 Clearwater	
10/27/15	Oct 15	65-9062	10,000 SA Deep Sea Trawling	
11/9/15	Nov 15	65-9062	9,980 Espersen, A.S.	

Total Funded 175,875

Date	Account	Amount	Donor	
5/5/15	64-1306	10,533	Ocean Beauty Seafoods	
10/30/15	64-1306	250	AK Salmon Camps	

jinning Balance 15/1/14

198,232

Total Funded

209,015

FISH FORAGE

Gift Trans.

	Gift frails.				
Date	Account	Amount	Form	Donor	
	680030	2,500		X Alliance of Comms. For Sustai	nable Fish
	680030	2,000		X American Albacore Fishing As	soc
7/13/15	680030	2,000		X American Fisherman's Res. Fu	ınd
	680030	12,500	X Calif. Wetfish Producers Assoc		С
7/8/15	680030	2,000	X Coalition of Coastal Fisheries		
7/10/15	680030	7,500	Daybrook Fisheries Inc		
7/8/15	680030	2,000		X Del Mar Seafodds, Inc.	
	680030	1,750		x Irish Venture	
7/8/15	680030	395	X Irish Venture, Inc.		
7/8/15	680030	500	X Jessie's Ilwaco Fish Co.		
8/15/15	680030	2,145	X Lund's Fisheries, Inc. rned		rned cl
	680030	2,000		X Monterrey Fish Co.	

	680030	2,145	X Northern Pelagic Group, LLC
7/8/15	680030	2,145	X O'Hara Corporation
	680030	1,000	X Ocean Gold Seafoods
7/8/15	680030	2,145	x Ocean Spray Partnership
7/8/15	680030	12,500	X Omega Protein
7/16/15	680030	3,000	Pacific Seafood
	680030	2,500	X Seafreeze Ltd.
	680030	2,500	X Seafreeze Shoreside, Inc.
	680030	3,000	X Sportfish Associ. Of Calif.
	680030	2,000	X Tri-Marine Fish Co.
	680030	1,000	X West Coast Seafood Process.
	680030	500	X Western Fish Co.
	680030	1,750	x Western Sea Fishing Co.
7/8/15	680030	395	X Western Sea Fishing Co.
	680030	500	X Westport Seafood
1/5/16	680030	99,975	IFFO Marine Ingredients Org.
Total		174,345	

Total Funded

174,345

CFOOD

Date	Account	Amount	Donor
6/8/15	680019	30,000	Arctic Storm
10/27/15	680019	10,000	Int'l Coalition of Fisheries Assoc
10/20/15	680019	30,000	Glacier Fish Co.
1/12/16	680019	210,000	National Fisheries Institute
Total		280,000	
Total Funded		280,000	



ADVANCEMENT SERVICES Information Management

Allocation Summary Report

School: College of the Environment (ENV)

Division: AFS
Department: ALL
Allocation:

Harold A. Brindle, Class of 1956 Endowment for Fisheries (CL56FI)

Date Range: 08/01/2011 - 12/28/2015

Type	pref_name_sort	amount	date_of_record
Gift	BRINDLE,HAROLD,ALEXANDER	146357.68	2012/10/01



ADVANCEMENT SERVICES Information Management

Allocation Summary Report

School: College of the Environment (ENV)

Division: AFS
Department: ALL
Allocation:

Director's Fund for Excellence in Aquatic and Fishery Sciences (FISDIS)

Date Range: 08/01/2011 - 12/28/2015

Type	pref_name_sort	amount	date_of_record
Gift	AIFRB	2500	2011/08/04
Gift	LARIVIERE,MARK,GERARD	100	2011/08/23
Gift	ALIDINA,ABDUL,S.	50	2011/09/06
Gift	MAJOR,RICHARD,LAWRENCE	50	2011/09/08
Gift	CROONQUIST,DAVID,A.	40	2011/09/08
Gift	LISTON, JOHN	250	2011/09/12
Gift	HARRY,GEORGE,YOST	50	2011/09/14
Gift	EDSON,QUENTIN,A.	100	2011/09/19
Pledge Payment	POAGE,VICTORIA,LEAH	150	2011/10/12
Gift	CARVEY,FORREST,ELWOOD	100	2011/10/25
Gift	FISCUS,GRANT,I.	25	2011/10/28
Gift	PEARSON,INGRID,K.	25	2011/11/15
Gift	ZIMMERMANN,MARK	500	2011/11/16
Gift	PESS,GEORGE,ROBERT	25	2011/11/30
Pledge	WEAVER, DUANE, A.	10	2011/12/05
Pledge	DIRKS,NANCY,E. MCHENRY	25	2011/12/05
Gift	MARTIN,DOUGLAS,J.	50	2011/12/14
Gift	TIPPING, JOHN, JACK M.	50	2011/12/22
Gift	DORE,PAMELA-MARIE,SANDBLOOM	50	2011/12/27
Gift	VAN HYNING-GALLART,LOIS,E.	100	2011/12/28
Gift	SAKAGAWA,GARY,T.	300	2011/12/29

Gift	BAYLIFF,WILLIAM,HENRY	100	2011/12/29
Gift	LINTH, JOHN, B.	200	2011/12/29
Pledge Payment	WEAVER, DUANE, A.	10	2011/12/30
Gift	SEEB,JAMES,EDWARD	500	2012/01/03
Gift	PECK,MARY,MCQUAID	100	2012/01/04
Pledge Payment	DIRKS,NANCY,E. MCHENRY	25	2012/01/10
Pledge	GOETZ,FRED,A.	25	2012/01/15
Pledge Payment	GOETZ,DEBRA,S.	25	2012/02/03
Gift	WILLISON, JUDITH, LOUISE	10	2012/02/08
Pledge	FIRCH,EDWARD,A.	25	2012/02/09
Pledge	CARVEY, SANDRA, JANE	100	2012/02/09
Pledge	KUSUMI,FUSAKO,O.	150	2012/02/09
Pledge	PROCTOR,HANNAH	125	2012/02/09
Pledge	JACOBSON,MICHAEL,A.	150	2012/02/09
Pledge	O'CONNOR,RICHARD,JOSEPH	50	2012/02/09
Pledge Payment	O'CONNOR,RICHARD,JOSEPH	50	2012/02/13
Pledge Payment	PROCTOR,HANNAH	125	2012/02/13
Pledge	HEIDEBRINK,KIM,A.	200	2012/02/12
Pledge	BAKER,JON,DOUGLAS	30	2012/02/12
Pledge	ERICKSON,GERALD,MICHAEL	30	2012/02/12
Gift	HICKLIN,RICHARD,WENDELL	150	2012/02/14
Pledge	STROMBOM,DAN,BRYAN	65	2012/02/14
Pledge	O'BRIEN,LORETTA	50	2012/02/14
Pledge Payment	STROMBOM,DAN,BRYAN	65	2012/02/16
Pledge Payment	POELKER,RICHARD,J.	25	2012/02/16
Pledge Payment	FIRCH,EDWARD,A.	25	2012/02/17
Gift	BISORDI,SANDRA,L.	50	2012/02/22
Gift	HANOWELL,RAY,ALAN	60	2012/02/28
Pledge Payment	BAKER, JON, DOUGLAS	50	2012/03/07
Pledge	MCDERMOTT, JOHN, E.	25	2012/03/08
Pledge	WEIGAND, DAVID, CHARLES	10	2012/03/08
Pledge Payment	JACOBSON,MICHAEL,A.	50	2012/03/15
Pledge Payment	MCDERMOTT, JOHN, E.	25	2012/03/12
Gift	KYNARD,JANICE,R	50	2012/03/13
Gift	MEADOWINDS INC.	1000	2012/03/19
Gift	SAITO,RUI	10	2012/03/20

Pledge Payment	HEIDEBRINK,KIM,A.	200	2012/03/28
Gift	TRIDENT SEAFOODS CORPORATION	10212.67	2012/03/30
Gift	NORTHPACIFICSEAFOODSINC	24525	2012/03/30
Gift	OCEAN BEAUTY SEAFOODS INC	9919	2012/04/03
Gift	LEADER CREEK FISHERIES INC	9278	2012/04/03
Gift	TRIDENT SEAFOODS CORPORATION	20425.33	2012/04/06
Pledge Payment	JACOBSON,MICHAEL,A.	50	2012/04/10
Pledge Payment	WEIGAND, DAVID, CHARLES	10	2012/04/27
Pledge	TYNER,LEE,R.	50	2012/05/03
Pledge Payment	JACOBSON,MICHAEL,A.	50	2012/05/10
Gift	SIGLER,MICHAEL,FREDERICK	100	2012/05/10
Gift	HARRY,GEORGE,YOST	50	2012/05/11
Gift	SMITH,CORY,JAMES	200	2012/05/18
Pledge	SHAW,FRANKLIN,ROSS	25	2012/05/15
Pledge Payment	SHAW,FRANKLIN,ROSS	25	2012/05/18
Gift	ANDERSON,ROBERT,DENNIS	100	2012/05/22
Pledge Payment	TYNER,LEE,R.	50	2012/05/22
Pledge	GILL, JESSICA, ASHLEY	25	2012/06/06
Pledge Payment	GILL,JESSICA,ASHLEY	25	2012/06/08
Pledge Payment	O'BRIEN,LORETTA	50	2012/06/18
Pledge Payment	HELTON,DOUGLAS,ROBERT	100	2012/06/28
Gift	BREIWICK,JEFFREY,M.	25	2012/06/28
Pledge Payment	DELL,MICHAEL,B.	50	2012/06/29
Pledge Payment	ERICKSON,LINDA,JEAN	30	2012/07/02
Gift	ALIDINA,ABDUL,S.	25	2012/09/04
Gift	EDSON,QUENTIN,A.	100	2012/09/07
Gift	PROCTOR,HANNAH	125	2012/09/11
Gift	HICKLIN,RICHARD,WENDELL	150	2012/09/14
Gift	HARRY,GEORGE,YOST	50	2012/09/20
Gift	ZIMMERMANN,MARK	500	2012/09/25
Gift	LISTON, JOHN	300	2012/10/11
Gift	CARVEY,FORREST,ELWOOD	100	2012/10/12
Gift	SEEB,LISA,WISHARD	500	2012/11/19
Pledge	WEAVER,DUANE,A.	10	2012/11/19
Pledge	SULLIVAN,COLLEEN,MARY KARIN	25	2012/11/19
Pledge Payment	SULLIVAN,COLLEEN,MARY KARIN	25	2012/11/27

Gift	PESS,GEORGE,ROBERT	50	2012/12/13
Gift	FIELD,LAWRENCE,JAY	300	2012/12/17
Gift	HINES,SANDRA,L.	100	2012/12/17
Gift	THORNE,RICHARD,E.	100	2012/12/20
Gift	STOUT,KATHRYN,ANN	200	2012/12/27
Gift	MARTIN ENVIRONMENTAL	50	2012/12/28
Gift	DUFFY,ELISABETH,J.	36	2012/12/31
Gift	LOCALIO, JAN, MARIA	25	2013/01/04
Gift	LUCK,ROBERT,W.	25	2013/01/08
Pledge Payment	WEAVER, DUANE, A.	10	2013/01/09
Gift	ROBERT & EVELYN PEDERSEN FAMILY FOUNDATION	500	2013/01/17
Pledge	MCDERMOTT, JOHN, E.	25	2013/02/13
Pledge	ERICKSON, GERALD, MICHAEL	25	2013/02/13
Pledge	O'CONNOR,RICHARD,JOSEPH	50	2013/02/13
Pledge	O'BRIEN,LORETTA	50	2013/02/13
Pledge	JOHNSON,HOWARD,E.	20	2013/02/13
Pledge Payment	O'CONNOR,RICHARD,JOSEPH	50	2013/02/15
Pledge	POELKER,RICHARD, J.	25	2013/02/14
Pledge	HARRIS,RICHARD,P.	50	2013/02/14
Pledge	TYNER,LEE,R.	50	2013/02/24
Pledge Payment	TYNER,LEE,R.	50	2013/02/26
Gift	WILLISON, JUDITH, LOUISE	25	2013/02/27
Pledge Payment	POELKER,RICHARD, J.	25	2013/02/28
Gift	SUGIURA,SHOZO,H.	100	2013/03/07
Pledge	GEIST,RICHARD,W.	25	2013/03/10
Gift	MYERS,KATHERINE,W.	100	2013/03/14
Pledge Payment	HARRIS,RICHARD,P.	50	2013/03/18
Gift	ATRAN,STEVEN,MICHAEL	150	2013/03/26
Pledge Payment	GEIST,RICHARD,W.	25	2013/03/26
Gift	KYNARD,BOYD,E.	50	2013/04/02
Pledge Payment	JOHNSON,HOWARD,E.	20	2013/04/04
Pledge Payment	O'BRIEN,LORETTA	50	2013/04/19
Gift	WILLIAMS, JOHN, GORDON	1000	2013/05/06
Pledge Payment	ERICKSON,LINDA,JEAN	25	2013/05/08
Gift	WINGERT, JANET	500	2013/05/20
Pledge Payment	MCDERMOTT, JOHN, E.	25	2013/05/29

Pledge	GILL,JESSICA,ASHLEY	15	2013/06/03
Pledge Payment	GILL,JESSICA,ASHLEY	15	2013/06/06
Gift	SEATTLE FOUNDATION, THE	41.67	2013/06/12
Gift	BEMIS, WILLIAM, C.	50	2013/06/27
Gift	ALIDINA,ABDUL,S.	50	2013/09/06
Gift	HARRY,GEORGE,YOST	50	2013/09/13
Gift	MYERS,KATHERINE,W.	100	2013/10/03
Gift	SMITH,CORY,JAMES	200	2013/10/24
Gift	PROCTOR,HANNAH	125	2013/10/24
Gift	HINES,SANDRA,L.	100	2013/10/25
Gift	ROBERT & EVELYN PEDERSEN FAMILY FOUNDATION	500	2013/10/28
Pledge	KARP,WILLIAM,ARNOLD	720	2013/11/06
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2013/11/06
Matching Claim	LOWELL,FRED,M.	100	2013/11/08
Gift	LOWELL,FRED,M.	100	2013/11/08
Gift	ZIMMERMANN,MARK	1000	2013/11/15
Gift	KAMIN,MARCIA,LOUISE	75	2013/12/03
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2013/12/04
Gift	SUGIURA,SHOZO,H.	100	2013/12/12
Pledge	GOETZ,DEBRA,S.	25	2013/12/08
Gift	JOHNSON,ORLAY,WILLIAM	2506.13	2013/12/13
Gift	FIELD,LAWRENCE,JAY	300	2013/12/16
Pledge Payment	LARIVIERE,MARK,GERARD	100	2013/12/30
Gift	LUNDQUIST,NANCY,LEE	50	2013/12/31
Pledge Payment	KARP, WILLIAM, ARNOLD	30	2014/01/06
Gift	BAYLIFF,WILLIAM,HENRY	5000	2014/01/06
Gift	FIDELITY INVESTMENTS CHARITABLE GIFT FUND	500	2014/01/09
Gift	TAUB,FRIEDA,B.	4000	2014/01/14
Gift	VAN HYNING-GALLART,LOIS,E.	100	2014/01/22
Pledge Payment	KARP, WILLIAM, ARNOLD	30	2014/02/04
Pledge	WEIGAND, DAVID, CHARLES	20	2014/02/03
Pledge	MCDERMOTT, JOHN, E.	50	2014/02/03
Pledge	O'BRIEN,LORETTA	50	2014/02/03
Pledge	POELKER,RICHARD,J.	26	2014/02/09
Pledge Payment	MCDERMOTT, JOHN, E.	50	2014/02/21
Pledge	DELL,MICHAEL,B.	50	2014/02/18

Pledge Payment	POELKER,RICHARD,J.	26	2014/02/25
Gift	SIGLER,MICHAEL,FREDERICK	150	2014/03/04
Pledge Payment	KARP, WILLIAM, ARNOLD	30	2014/03/04
Pledge Payment	GOETZ,DEBRA,S.	50	2014/03/06
Pledge Payment	DELL,MICHAEL,B.	50	2014/04/01
Pledge	O'CONNOR,RICHARD,JOSEPH	25	2014/03/26
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/04/04
Gift	ATRAN,STEVEN,MICHAEL	150	2014/04/14
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/05/05
Gift	TAUB,FRIEDA,B.	4000	2014/05/08
Pledge Payment	O'CONNOR,RICHARD,JOSEPH	25	2014/05/09
Pledge Payment	BREIWICK, JEFFREY, M.	20	2014/05/27
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/06/04
Pledge Payment	O'BRIEN,LORETTA	50	2014/06/04
Pledge Payment	WEIGAND, DAVID, CHARLES	20	2014/06/13
Gift	MARINE STEWARDSHIP COUNCIL	100	2014/06/26
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/07/07
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/08/04
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/09/04
Gift	TAUB,FRIEDA,B.	4000	2014/09/12
Gift	ALIDINA,ABDUL,S.	25	2014/09/17
Gift	EDSON,QUENTIN,A.	100	2014/09/17
Gift	PROCTOR,HANNAH	100	2014/09/22
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/10/07
Gift	INGRAHAM,ROBERT,GALE	50	2014/10/14
Gift	ADAMS,DEAN,JEFFREY	500	2014/10/21
Gift	KYNARD,BOYD,E.	50	2014/10/31
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/11/04
Gift	SINGER,HAZEL,LYNN	100	2014/11/14
Gift	GREGORY,RICHARD,W.	100	2014/11/14
Gift	TOMLINSON,PATRICK,KEITH	5000	2014/11/19
Gift	ZIMMERMANN,MARK	1000	2014/12/02
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2014/12/04
Gift	HINES,SANDRA,L.	100	2014/12/05
Gift	TIPPING, JOHN, JACK M.	50	2014/12/08
Gift	FIELD,LAWRENCE,JAY	250	2014/12/10

Gift	DORE,FREDERICK,HUDSON	50	2014/12/15
Gift	BAYLIFF,WILLIAM,HENRY	500	2014/12/23
Gift	ROBERT & EVELYN PEDERSEN FAMILY FOUNDATION	500	2014/12/23
Gift	FIDELITY INVESTMENTS CHARITABLE GIFT FUND	500	2014/12/24
Gift	FIDELITY INVESTMENTS CHARITABLE GIFT FUND	500	2014/12/24
Gift	JOHNSON,SHIRLEY,R.	1687.67	2014/12/24
Gift	PESS,GEORGE,ROBERT	50	2014/12/26
Gift	BREIWICK, JEFFREY, M.	25	2014/12/29
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/01/05
Gift	TAUB,FRIEDA,B.	3000	2015/01/09
Pledge	GOETZ,DEBRA,S.	25	2015/01/11
Pledge Payment	GOETZ,DEBRA,S.	25	2015/01/22
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/02/04
Pledge	MEAGHER,MICHAEL,L.	100	2015/02/11
Matching Gift	BOEING COMPANY, THE	50	2015/02/23
Pledge Payment	MEAGHER,MICHAEL,L.	100	2015/03/02
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/03/04
Gift	TAUB,FRIEDA,B.	3000	2015/03/09
Pledge	DELL,MICHAEL,B.	50	2015/03/03
Gift	O'CONNOR,RICHARD,JOSEPH	50	2015/03/16
Pledge Payment	DELL,MICHAEL,B.	50	2015/03/25
Pledge Payment	KARP, WILLIAM, ARNOLD	30	2015/04/06
Gift	CONRAD,ROBERT,HARVEY	250	2015/04/15
Gift	ATRAN,STEVEN,MICHAEL	150	2015/04/17
Pledge Payment	KARP, WILLIAM, ARNOLD	30	2015/05/06
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/06/05
Gift	CALIFORNIA ENVIRONMENTAL ASSOCIATES	150	2015/06/16
Gift	STOUT,KATHRYN,ANN	225	2015/06/18
Gift	SIMENSTAD, CHARLES, A.	150	2015/06/18
Gift	TAUB,FRIEDA,B.	45	2015/06/18
Gift	TAUB,FRIEDA,B.	4000	2015/06/18
Gift	HILBORN,RAY	350	2015/06/18
Gift	PUNT,ANDRE,E.	620	2015/06/18
Gift	HOLTGRIEVE, GORDON, WILLIAM	200	2015/06/18
Gift	HORNE,JOHN,K.	150	2015/06/18
Gift	POAGE,VICTORIA,LEAH	150	2015/06/29

Gift	HAUSER,LORENZ	100	2015/07/02
Gift	HERMANN,ALBERT,JOSEPH	200	2015/07/02
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/07/03
Gift	MICHAEL,JOHN,H.	15	2015/07/13
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/08/04
Gift	MICHAEL, JOHN, H.	15	2015/08/12
Gift	SAKAGAWA,GARY,T.	500	2015/08/12
Gift	TOMLINSON,PATRICK,KEITH	7000	2015/09/04
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/09/04
Gift	MICHAEL, JOHN, H.	15	2015/09/14
Gift	DELL,MICHAEL,B.	50	2015/09/14
Gift	PROCTOR,HANNAH	100	2015/09/17
Gift	ALIDINA,ABDUL,S.	50	2015/09/17
Gift	EDSON,QUENTIN,A.	100	2015/09/18
Gift	MILLER,BRUCE,STUART	100	2015/09/23
Gift	VAN HYNING-GALLART,LOIS,E.	100	2015/09/25
Gift	BOURET,CHARLOTTE	200	2015/09/30
Pledge Payment	KARP,WILLIAM,ARNOLD	30	2015/10/05
Gift	FIDELITY INVESTMENTS CHARITABLE GIFT FUND	500	2015/10/09
Gift	MICHAEL, JOHN, H.	15	2015/10/11
Gift	ROBERT & EVELYN PEDERSEN FAMILY FOUNDATION	500	2015/10/26
Gift	TAUB,FRIEDA,B.	5000	2015/10/29
Gift	PUNT,ANDRE,E.	100	2015/10/29
Gift	MICHAEL, JOHN, H.	15	2015/11/11
Gift	PESS,GEORGE,ROBERT	50	2015/11/17
Pledge	ADAMS,DEAN,JEFFREY	2500	2015/11/24
Pledge Payment	ADAMS,DEAN,JEFFREY	500	2015/11/24
Gift	ZIMMERMANN,MARK	1000	2015/11/30
Gift	DUFFY,ELISABETH,J.	54	2015/12/02
Gift	GREGORY,RICHARD,W.	100	2015/12/11
Gift	MICHAEL,JOHN,H.	15	2015/12/12
Gift	PEARSON,INGRID,K.	35	2015/12/15
Gift	HINES,SANDRA,L.	100	2015/12/21
Gift	WEITKAMP, DONALD, E.	1500	2015/12/22
Gift	INGRAHAM,ROBERT,GALE	50	2015/12/22
Gift	FIELD,LAWRENCE,JAY	250	2015/12/24



ADVANCEMENT SERVICES Information Management

Allocation Summary Report

School: College of the Environment (ENV)

Division: AFS
Department: ALL
Allocation:

SAFS Excellence Fund (SAFSDI)
Date Range: 08/01/2011 - 12/28/2015

Туре	pref_name_sort	amount	date_of_record
Gift	SINGER,HAZEL,LYNN	100	2012/12/04
Gift	SAKAGAWA,GARY,T.	300	2012/12/27
Gift	BAXTER,RICHARD,A.	50	2012/12/28
Matching Gift	BOEING COMPANY, THE	100	2013/02/26
Pledge	BRIEUC,MARINE,S.	50	2013/06/07
Pledge Payment	BRIEUC,MARINE,S.	50	2013/08/07
Gift	SINGER,HAZEL,LYNN	100	2013/12/03
Gift	ARON,WILLIAM,I.	250	2014/02/18
Matching Gift	BOEING COMPANY, THE	100	2014/02/21
Gift	WINGERT, JANET	500	2014/05/12
Gift	SEATTLE FOUNDATION, THE	39.75	2014/06/17
Gift	SAKAGAWA,GARY,T.	500	2014/08/11
Gift	ARON,WILLIAM,I.	250	2015/02/05

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(1) Last Name		(2) First Name		(3) Middle Initial
Hilborn	HERMAN AND AND AND AND AND AND AND AND AND A	Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) Are you here	on a visa?	
866-007-575	355020	No_xYes	Visa Type:	
(7) Job Title	(8) Department/Program	ı (if applicable) (9) Co	ollege/School/Campus	
Professor	Aquatic and Fishery	Sciences, College of	of Environment Main C	ampus
(10) FTE (if part time, indicate perce	ntage)		ice Period	
X Full Time or Part Time	%	X 9 mor	nths or 12 months	
(12) Name of Organization for whe	om work will be performed			
Deepwater Group LTD				
(13) Type of Organization (select or	1e)			
	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
(14) Category of Activity (check all	that apply)			
Professional/Private Practice	Performing Arts (Consultant Speak	er Board Member	Editor Expert Witness
Professional/Continuing Educat	ion x Scientific/Technical/Exp	ert Advisor Revie	re-resistance	
(15) Period of Work (date range mo			(16) Number of D	ays Requested for Activity
	1/2014 To (mm/de	d/yyyy): 06/30/2014	6	
(17) Provide a brief abstract of the				
Frovide advice on ma	anagement of orange rou	ighy in New Zealar	nd	
(18-27) Answer "Yes" or "No" for	each question. If you answer	ad "Yas" to any		
(18a) Yes X No Do you, yo	our spouse or significant other	corres to any question. Or your children have	on, you must provide addition and addition in the commercial and the commercial areas and the commercial areas and the commercial areas and the commercial areas are also and the commercial areas are also areas are also areas are also areas are also areas are	onal documentation below
IOI WINCH E	THE WORK IS to be performed?			
(19a) Yes X No Do you, yo	ur spouse or significant other	, or your children hold	a management position wit	th the organization for which the
(20a) Yes X No Do you, yo	ue periormeni			
OI EMITERIO	11:			
(21a) Yes X No Do you, yo	ur spouse or significant other	, or your children have	a continuing advisory role	with the organization?
(22a) Yes X No Will this ac	tivity result in the transfer or	use of technology info	rmation or other intellectu	al proports developed as the
Other Sity (of vvasnington that is not bub	diciy ayadable/		
(23a) Yes X No Will this ac	tivity result in the transfer or	use of discoveries, soft	ware, databases, inventions	or other intellectual property
(24a) Yes X No Will this ac	closed to the University of Wi	ashington!		
(75a) Yas Y No Mill van m		ase of intersectual prop	ercy obligated of licensed t	o another entity!
(25a)Yes _X No Will you re			g from the organization?	
(26a) Yes X No Will this act	tivity require that you conduc	t original research?		
(27a)Yes _X No Will Univer	sity of Washington employee	s or students be involve	ed?	
(18b) Do you, your spouse or signif	icant other, or your children	have an ownership or o	leeper involvement with the	e organization for which the
work is to be performed? If YES, ple	and describe the relationship,	, including the percenta	ge of the organization owner	ed and its approximate value.
,,,				
(19b) Do you, your spouse or signific	cant other, or your children h	old a management posi	tion with the organization f	or which the work is to be
The state of the control of the cont	he position.			
NO				
				Additionates
$0.004 \pm 0.004 \pm 0.00$				
20b) Do you, your spouse or signific lescribe this participation	ant other, or your children p	articipate in the ongoin	g day-to-day operations of	the organization? If YES places
F			~ ,, .p	Summuoon a ruo, picase
NO		The state of the s		The stall is not the first the state of the
				* *
21b) Do you, your spouse or signific	ant other, or your children h	ive a continuing advisor	ny mala urith the	3 ILVEC
ole.	, s. , san chiral cit ite	a continuing advisor	7 - Ole with the organization	и и тъз, piease describe this
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	blicly available? If YES, please explain.		
NO	Mariana Paraganakan di Kabupatèn Bandaran Paraganakan		
23b) Will this activity res	ult in the transfer or use of discoveries, software, da	tabases, inventions or other intellectual property no	t yet disclose
he University of Washing	ton? If YES, please explain.		
NO			
(74h) Will this activity res	ult in the transfer or use of intellectual property obl	igated or licensed to another entity? If YES, please e	xplain.
NO			
		La agranization) If YES please explain	
	do you anticipate receiving, research funding from	the organization: If 123, please explain.	
NO			
(26b) Will this activity red	uire that you conduct original research? If YES, ple	ase explain.	
NO			
	1 L L D KV	CC places explain	
	Vashington employees or students be involved? If Y	ro, hiease exhiair.	
NO			
(29h) Additional informa	tion or details regarding items 17-27 above.		
		quest for outside work, I acknowledge that I am bou ive Order 36) ("Policy"), as it may be amended from t	
to comply with the University has	ersity Patent, Invention, and Copyright Policy (Execut cy, I will disclose all inventions and discoveries I creat a any outside work. I agree to assign and I hereby as a right of assignment under the Policy, provided I c	ate to the UW Center for Commercialization, includes ssign to the University all my rights in any intellectual reated such intellectual property in the course of my	ing any that I
to comply with the University accordance with this Policereate in connection with which the University has activities or responsibiliti	ersity Patent, Invention, and Copyright Policy (Execut cy, I will disclose all inventions and discoveries I creat an any outside work. I agree to assign and I hereby as a right of assignment under the Policy, provided I c es or with more than incidental use of University re	ate to the UW Center for Commercialization, includes ssign to the University all my rights in any intellectual reated such intellectual property in the course of my	ing any that I
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(I) Last Name	AFFEICANT:	(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) Are you here on a v	visa?	
866-007-575	355020	No _x_ Yes	Visa Type:	
(7) Job Title		am (if applicable) (9) College	* 1	
Professor		y Sciences, College of En		ampus
(10) FTE (if part time, indicate perce		(11) Service Pe		
X Full Time or Part Time	%	X 9 months	or 12 months	
(12) Name of Organization for who	om work will be performed			
Deepwater Group LTD				
(13) Type of Organization (select or	ne)			
XPrivate: For-Profit	Private: Not-For-Profit	Public: Federal	Public: State	_ Public: Local
(14) Category of Activity (check all	that apply)			
Professional/Private Practice	_ Performing Arts _	Consultant Speaker	Board Member	EditorExpert Witness
Professional/Continuing Educat				
(15) Period of Work (date range m		ear, 7/1-6/30)	(16) Number of Da	ays Requested for Activity
		/dd/yyyy): 06/30/2014	6	
(17) Provide a brief abstract of the				
Provide advice on m	anagement of orange r	oughy in New Zealand		
(18-27) Answer "Yes" or "No" for	anch quarties. If you area			
(18a) Yes X No Do you, yo	our spouse or significant of	her eo Tes To any question, yo her, or your children have an o	ou must provide addition ownership or deeper in	onal documentation below
for which	the work is to be performe	d?		
(19a) Yes X No Do you, yo	our spouse or significant oth	her, or your children hold a ma	anagement position wit	th the organization for which the
(20a) Yes X No Do you, yo	be performed?	ner or vour children participat	e in the opening day to	anday apparations of the
organizatio		ser, or your crimerest par despace	c in the origonia day-to	3-day operations of the
(21a) Yes _X No Do you, yo	our spouse or significant oth	ner, or your children have a co	ntinuing advisory role	with the organization?
(22a) Yes _X No Will this ad	ctivity result in the transfer	or use of technology, informat	tion or other intellectu	al property developed at the
University	of Washington that is not p	oublicly available?		
(23a) Yes X No Will this ac	ctivity result in the transfer closed to the University of	or use of discoveries, software	e, databases, inventions	or other intellectual property
(24a) Yes X No Will this ac	ctivity result in the transfer	or use of intellectual property	obligated or licensed t	o another entity?
(25a) Yes _X No Will you re				,
			om the Organization:	
(26a) Yes X No Will this ac		_		
(27a) Yes _X No Will Unive	rsity of Washington employ	rees or students be involved?		
(18b) Do you, your spouse or signi	ificant other, or your childre	en have an ownership or deep	er involvement with th	e organization for which the
work is to be performed? If YES, pl	lease describe the relationsl	hip, including the percentage o	f the organization own	ed and its approximate value.
NO		THE STATE OF THE S		
(19h) Do you your spouse or signif	ione ather an acceptable			
(19b) Do you, your spouse or signif performed? If YES, please describe	the position.	n noid a management position	with the organization	for which the work is to be
NO			NEXT CONTRACTOR OF CONTRACTOR CON	
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	THAT KEET MANAGE BOOK AND			
(20h) De veu usus se sienis	S 1 241			
(20b) Do you, your spouse or signifi describe this participation.	icant other, or your children	n participate in the ongoing da	y-to-day operations of	the organization? If YES, please
NO NO	CHARLES AND AREA STORY OF THE S			
(211)				
(21b) Do you, your spouse or signifi role.	cant other, or your children	n have a continuing advisory ro	ole with the organization	on? If YES, please describe this
NO NO	The second secon		Ship to the state of the state	
1 454				

Washington that is no	e publicity available. If 1 co, prease explain.		
NO			
	result in the transfer or use of discoveries, software, of hington? If YES, please explain.	databases, inventions or other intellectual property not y	et disclosed t
NO			
24b) Will this activity	result in the transfer or use of intellectual property of	oligated or licensed to another entity? If YES, please expl	ain.
NO			
25b) Will you receive	, or do you anticipate receiving, research funding from	the organization? If YES, please explain.	
NO	, , , , , , , , , , , , , , , , , , , ,		
26b) Will this activity	require that you conduct original research? If YES, ple	ease explain.	
1 4/3			
NO			
27b) Will University of	of Washington employees or students be involved? If	ES, please explain.	
NO			
(28b) Additional infor	mation on details regarding items 17.37 shous		
(200) Additional linor	mation or details regarding items 17-27 above.		
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT: (3) Middle Initial (2) First Name (1) Last Name Ray Hilborn (5) Campus Box # (6) Are you here on a visa? (4) Employee ID (not SSN) Visa Type: 866-007-575 355020 No x Yes (8) Department/Program (if applicable) (9) College/School/Campus (7) Job Title Aquatic and Fishery Sciences, College of Environment Main Campus Professor (11) Service Period (10) FTE (if part time, indicate percentage) X 9 months or ___ 12 months X Full Time or Part Time (12) Name of Organization for whom work will be performed San Luis Delta Mendota Water District (13) Type of Organization (select one) Private: Not-For-Profit Public: State X Public: Local Private: For-Profit Public: Federal (14) Category of Activity (check all that apply) Professional/Private Practice _ Performing Arts _x Consultant _ Speaker __ Board Member Editor __ Expert Witness Professional/Continuing Education ___ Scientific/Technical/Expert Advisor ___ Reviewer Other: (16) Number of Days Requested for Activity (15) Period of Work (date range must fall within one academic year, 7/1-6/30) 06/30/201\$4 To (mm/dd/yyyy): 09/01/2013 From (mm/dd/yyyy): (17) Provide a brief abstract of the activities to be performed Evaluate status of delta smelt and chinook salmon in California as impacted by water withdrawals (18-27) Answer "Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additional documentation below (18a) Yes X No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? (19a) 👱 Yes - X.: No Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? (20a) Yes X No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? (21a) Yes X No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? (22a) Yes X No Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? (23a) Yes X No Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? (24a) Yes X No Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (25a) Yes X No Will you receive, or do you anticipate receiving, research funding from the organization? (26a) Yes X No Will this activity require that you conduct original research? (27a) ___ Yes _X No Will University of Washington employees or students be involved? (18b) Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? If YES, please describe the relationship, including the percentage of the organization owned and its approximate value. NO (19b) Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? If YES, please describe the position. NO (20b) Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? If YES, please describe this participation. NO (21b) Do you, your spouse or significant other, or your children have a continuing advisory role with the org和民心的比例ES, please describe this

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role.

NO

(22b) Will this activity re Washington that is not p	publicly available	e? If YES, please explain.					
(23b) Will this activity re the University of Washin	esult in the trans ngton? If YES, p	sfer or use of discoveries, sof lease explain.	tware, databases, inventions o	r other intelle	ectual proper	ty not yet di	sclosed 1
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(27b) Will University of	Washington em	ployees or students be involve	ed? If YES, please explain.		()		
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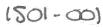
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Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) Are you here on a	visa?	
866-007-575	355020	No _x_ Yes	Visa Type:	
(7) Job Title		am (if applicable) (9) College		
Professor		y Sciences, College of Er		ımpus
(10) FTE (if part time, indicate percent		(11) Service P		
X Full Time or Part Time	%		or12 months	
(12) Name of Organization for who	Solit Print A Print of the college o			
Stoel Rives Law Firm				
(13) Type of Organization (select one	3			
	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
(14) Category of Activity (check all the		Whomas I was a second of the s		
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Professional/Continuing Education				1
(15) Period of Work (date range mus				ys Requested for Activity
From (mm/dd/yyyy): 09/01/	(2013 To (mm	/dd/yyyy): 06/30/2014	4	
(17) Provide a brief abstract of the a				
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	S diaz / GG Congact or ginal rescarcion.	Lo, picase explain.	
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(27b) Will University of Was	hington employees or students be involved	d? If YES, please explain.	
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(28b) Additional information	or details regarding items 17-27 above.		
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I September 20124	Ray Hilborn	V C W) (
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Recommended	Department Chair/Program Director	RAM DIRECTOR:	
	Department Chair/Program Director Not Recommended	Excluded from Policy (Se	c. 5), Approval Not Required
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TO BE COMPLETED BY THE APPLICANT: (1) Last Name (2) First Name (3) Middle Initial Hilborn Ray (4) Employee ID (not SSN) (5) Campus Box # (6) Are you here on a visa? 866-007-575 355020 No x Yes Visa Type: (7) Job Title (8) Department/Program (if applicable) (9) College/School/Campus Aquatic and Fishery Sciences, College of Environment Main Campus Professor (10) FTE (if part time, indicate percentage) (11) Service Period X Full Time or Part Time X 9 months or 12 months (12) Name of Organization for whom work will be performed Confluence Environmental Systems (13) Type of Organization (select one) XPrivate: For-Profit Private: Not-For-Profit __ Public: Federal Public: State Public: Local (14) Category of Activity (check all that apply) Professional/Private Practice Performing Arts Consultant _ Speaker Board Member Editor **Expert Witness** Professional/Continuing Education x Scientific/Technical/Expert Advisor Reviewer Other: (15) Period of Work (date range must fall within one academic year, 711-6130) (16) Number of Days Requested for Activity From (mm/dd/wwv): 09/01/2013 To (mm/dd/yyyy): 06/30/2014 (17) Provide a brief abstract of the activities to be performed Provide advice on impacts of habitat change on salmon populations (18-27) Answer "Yes" or "No" for each question. If you answered "Yes" to any question, you must provide additional documentation below (18a) ____Yes X No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? (19a) ___ Yes X No Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? (20a) __ Yes _X No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? (21a) ___Yes _X No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? (22a) ___Yes _X No Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? (23a) Yes X No Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? (24a) __ Yes _X No Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (25a) ___ Yes _X No Will you receive, or do you anticipate receiving, research funding from the organization? (26a) Yes X No Will this activity require that you conduct original research? (27a) Yes X No Will University of Washington employees or students be involved? (18b) Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? If YES, please describe the relationship, including the percentage of the organization owned and its approximate value. NO (19b) Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? If YES, please describe the position. NO (20b) Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? If YES, please describe this participation. NO (21b) Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? If YES, please describe this role. RECEIVED NO

(22b) Will this activity res Washington that is not pu			nation or other intellectual	property develope	d at the Oniversity of
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(23b) Will this activity res the University of Washing			are, databases, inventions o	or other intellectua	l property not yet disclosed to
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	do you anticipate rece	eiving, research funding f	from the organization? If Y	ES, please explain.	
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(26b) Will this activity req	uire that you conduct	original research? If YES	S, please explain.		
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(27b) Will University of V	Vashington employees	or students be involved	? If YES, please explain.		
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(28b) Additional informat	ion or details regarding	g items 17-27 above			
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create in connection with which the University has a activities or responsibilitie (29) Date	right of assignment u	inder the Policy, provide	by assign to the University d I created such intellectua ty resources. Signature	all my rights in any	ourse of my University
September 20124	Ray Hil	born	W/6	$-\mathbf{W}/(I)$	7
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TO BE COMPLETED (30) Evaluation of Request			RAM DIRECTOR:		
Recommended		Recommended	Excluded from P	olicy (Sec. 5), Appr	oval Not Required
(31) Date	Department Chair	/Program Director (print) Signature		
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TO BE COMPLETED	BY THE DEAN/CH		ROVOST:		
(32) Evaluation of Request			C 1 1 1 C D	/C /C /	1 N - D
Recommended	Not F Dean/Chancellor/V	Recommended	Excluded from P Signature/	olicy (Sec. 5), Appr	oval Not Kequired
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1.0/13			1 XXX		

Office of the Provost (Rev. October 2011); supersedes all previous versions





Request for Approval of Outside Professional Work for Compensation (Form 1460)

TO BE COMPLETED BY THE APPLICANT:					
Last Name First Name	Middle initial				
Hilborn	W				
Employee ID (found here) Campus Box # Are you here on a visa? 866-007-575 355020 No ✓ Yes Visa Type:					
Email address: Job Title					
rayh@uw.edu Professor					
Department/Program College/School Ca	mpus				
School of Aquatic and Fishery Sciences Environment	Seattle				
FTE (if part time, indicate percentage): Full Time or Part Time% Service period: 9 months or12 months or12	other				
Name of Organization for whom work will be performed					
California Environmental Associates					
Type of Organization: ✓ Private: For-Profit Private: Not-For-Profit Public: Federal Public: State	Public: Local				
Category of Activity (Check all that apply): Professional/Private Practice (1) Performing Arts (2) Consultant (3) Speaker (4) Editor (6) Expert Witness (7) Professional/Cont. Education (8) Other (41)	Board Member (5) Expert Advisor (9)				
Reviewer of Research Proposals or Manuscripts for Publication (10) Other (11)					
Period of Work (period of work per request must fall within the range of an academic year, which begins 7/1 and separate request must be made for a period of work that crosses into another academic year. ie: an event spanning Sept 1 will need two requests, one from 5/1-6/30 and a second from 7/1 – 9/1).	d ends 6/30. A ng from May 1 –				
From (mm/dd/yyyy):	ring This Period:				
12/01/2014 07/30/2015 4 Describe the activities to be performed. Include the nature and scope of the activities & their relationship (or lack UW responsibilities:	thereof) to your				
Help prepare a report on the sustainability of different fisheries management systems					
Answer "yes" or "no" for each question below. For each "yes" response, please provide additional pertinent information and a proposed conflict management plan. Additional pages may be submitted as attachments as necessary.					
1) Yes Vo No Do you, or any member of your immediate family, hold a management position with for which the work is to be performed? If yes, provide the title and responsibilities.	the organization				
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2) Yes 🗸 No	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
3) Yes ✓ No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4) Yes V No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy (Sec. 6) and indicate who has the involvement.
5) Yes 🗸 No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
6) Yes 🗸 No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
7) Yes 🗸 No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the intellectual property is not publically available.
8) Yes 🗸 No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
9) Yes 🗸 No	Will University of Washington receive, or do you anticipate UW receiving, research funding from the organization? If yes, describe the project(s) to be funded. Provide eGC1 numbers, if applicable.
10) Yes 🗸 No	Will University of Washington employees or students other than yourself be involved? If yes, name the individuals (or TBD, if presently unknown) and explain their roles in the activity.

by and I agree to comply we amended from time to tine Commercialization, include University all my rights in created such intellectual processions.	with the University Patent, Invention, and ne. In accordance with this Policy, I will dis ling any that I create in connection with an any intellectual property to which the Uni	th this request for outside work, I acknowledge that I am bound Copyright Policy (<u>Executive Order 36</u>) ("Policy"), as it may be sclose all invention and discoveries I create to the UW Center for my outside work. I agree to assign and I hereby assign to the versity has a right of assignment under the Policy, provided I tivities or responsibilities or with more than incidental use of
Date	Applicant (<i>print</i>)	Signature
TO BE COMPLETED BY	THE DEPARTMENT CHAIR/PROGRAM	DIRECTOR
	ny Department Chair/Program Directo mmended Not Recommende	
17/8/14	André Part	coeps,
Date	Department Chair/Program Dir	ector (<i>print</i>) Signature
TO BE COMPLETED BY	THE DEAN/CHANCELLOR/VICE PROV	DST
	y Dean/Chancellor/Vice Provost: mmended Not Recommende	d Excluded from policy (<u>Section 5</u>).
23 DEC 2014	Stephenic Harrington	Styl huf
Date	Dean/Chancellor/Vice Provost	(print) Signature
TO BE COMPLETED BY	THE OFFICE OF THE PROVOST	
Acknowledgement of re	eceipt of form, further review by Provi	ost needed: Yes No
Date	Office of the Provost (print)	Signature
	by the Provost <i>or</i> Designee (<i>If needed</i> mmended Not Recommende	
Requirements upon wh	ich Approval is Conditional (<i>if any</i>):	
Date	Provost <i>or</i> Designee (<i>print</i>)	Signature



Request for Approval of Outside Professional Work for Compensation (Form 1460) 1508 - 135

TO BE COMPLETED BY THE APPLICANT:

Last Name	First Name	Middle initial
Hilborn	Ray	W
Employee ID (found here) Campus Box 866-007-575 355020	# Are you here on a visa? No Yes Visa Type:	
Email address:	Job Title	
rayh@uw.edu	Profes	sor
Department/Program	College/School	Campus
School of Aquatic and Fishery Science	es Environment	Seattle
FTE (if part time, indicate percentage): Full Time or Part Time% Name of Organization for whom work will be percentage.		other
Attorney General for Canada	nomeu	
Type of Organization: Private: For-Profit Private: Not-For-Pro	ofit Public: Federal Public: State	Public: Local
Editor (6) Expert Witness (7) Profession Reviewer of Research Proposals or Manuscripts f	or Publication (10) Other (11)	Board Member (5)
separate request must be made for a period of work to Sept 1 will need two requests, one from 5/1-6/30 and From (mm/dd/yyyy): O9/01/2014 To (mm/dd/yyyy): O9/01/2015	Total Number of Days Requested For Activi	oanning from May 1 –
Describe the activities to be performed. Include the n UW responsibilities:	ature and scope of the activities & their relationship (o	or lack thereof) to your
I will write an overview on how fisheries s	hould be managed and give expert testim	ony on this subject.
and a proposed conflict management plan. Addit	or each "yes" response, please provide additional cional pages may be submitted as attachments as	necessary.
for which the work is to b	of your immediate family, hold a management position be performed? If yes, provide the title and responsibili	n with the organization ties.

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2)	Y	es 🗸	✓ No	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
			•	
3)	Y	es 🗸	✓ No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4)	Ye	es 🗸	No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy ($\underline{\text{Sec. 6}}$) and indicate who has the involvement.
5)	Ye	:s 🗸	No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
6)	Ye	s 🗸	No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
7)	Ye	s 🗸	No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the intellectual property is not publically available.
8)	Ye	s 🗸	No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
			~]	
9)	Ye	s V	No	Will University of Washington receive, or do you anticipate UW receiving, research funding from the organization? If yes, describe the project(s) to be funded. Provide eGC1 numbers, if applicable.
10)	Ye	5 🗸	No	Will University of Washington employees or students other than yourself be involved? If yes, name the individuals (or TBD, if presently unknown) and explain their roles in the activity.

by and I agree to comply with amended from time to time. Commercialization, including University all my rights in any created such intellectual prof University resources.	n the University Patent, Invention, and O In accordance with this Policy, I will disc any that I create in connection with any intellectual property to which the University action	th this request for outside work, I acknowledge that I am bound copyright Policy (Executive Order 36) ("Policy"), as it may be lose all invention and discoveries I create to the UW Center for youtside work. I agree to assign and I hereby assign to the ersity has a right of assignment under the Policy, provided I vities or responsibilities or with more than incidental use of
3 August 2014	Ray Hilborn	1Ca January
Date	Applicant (<i>print</i>)	() Signature
TO BE COMPLETED BY THE	E DEPARTMENT CHAIR/PROGRAM E	DIRECTOR
Evaluation of Request by D	Department Chair/Program Director:	
Recomm	nended Not Recommended	Excluded from policy (<u>Section 5</u>).
		wet
Date	Department Chair/Program Dire	ctor (<i>print</i>) Signature
	E DEAN/CHANCELLOR/VICE PROVO	ST
Evaluation of Request by D	Dean/Chancellor/Vice Provost: nended Not Recommended	Excluded from policy (<u>Section 5</u>).
8/8/14	Lisa Graunlich	Winder
Date	Dean/Chancellor/Vice Provost (p	orint) Signature
TO BE COMPLETED BY THE	OFFICE OF THE PROVOST	
Acknowledgement of received $8/22/14$	ipt of form, further review by Provos	st needed: Yes X No
Date	Office of the Provost (<i>print</i>)	Signature
Evaluation of Request by t	the Provost <i>or</i> Designee (<i>If needed,</i> sended Not Recommended	,
Requirements upon which	Approval is Conditional (if any):	
Nate	Provost or Designee (print)	Signature



Request for Approval of Outside Professional Work for Compensation (Form 1460)

TO BE COMPLETED BY THE APPLICANT:

Last Name First Name	Middle initial
Hilborn Ray	W
Employee ID (found here) Campus Box # Are you here on a visa? 866-007-575 355020 No ✓ Yes Visa Type:	
Email address: Job Title	
rayh@uw.edu Professor	
Department/Program College/School C	Campus
School of Aquatic and Fishery Sciences Environment	Seattle
FTE (if part time, indicate percentage): Full Time or Part Time 9	other
Commission for the Conservation of Southern Bluefin Tuna	
Type of Organization: Private: For-Profit Public: Federal Public: State	Public: Local
Category of Activity (Check all that apply): Professional/Private Practice (1) Performing Arts (2) Consultant (3) Speaker (4) Editor (6) Expert Witness (7) Professional/Cont. Education (8) Scientific/Technical, Reviewer of Research Proposals or Manuscripts for Publication (10) Other (11)	Board Member (5) /Expert Advisor (9)
Period of Work (period of work per request must fall within the range of an academic year, which begins 7/1 an separate request must be made for a period of work that crosses into another academic year. ie: an event spanni. Sept 1 will need two requests, one from 5/1-6/30 and a second from 7/1 – 9/1). From (mm/dd/yyyy): To (mm/dd/yyyy): Total Number of Days Requested For Activity Du 09/01/2014	ng from May 1 –
09/01/2014 09/10/2014 5 Describe the activities to be performed. Include the nature and scope of the activities & their relationship (or lack UW responsibilities:	k thereof) to your
Attend scientific committee of the commission.	
Answer "yes" or "no" for each question below. For each "yes" response, please provide additional pert and a proposed conflict management plan. Additional pages may be submitted as attachments as nece	inent information essary.
1) Yes Ves No Do you, or any member of your immediate family, hold a management position with for which the work is to be performed? If yes, provide the title and responsibilities.	the organization

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	Do you, or any member of your immediate family, participate in the ongoing day-to-day operations of the organization? If yes, describe the operations involved.
3) Yes V No	Do you, or any member of your immediate family, have a continuing advisory role with the organization? If yes, provide the dates (past, present, future), indicate whether or not a consulting agreement exists, and describe the nature and scope of the consulting activity.
4) Yes V No	Do you, or any member of your immediate family, have an ownership or deeper involvement with the organization for which the work is to be performed? If yes, describe the ownership or deeper involvement as it relates to the Policy (Sec. 6) and indicate who has the involvement.
5) Yes 🗸 No	Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? If yes, describe the intellectual property and its state of development.
6) Yes 🗸 No	Will this activity result in the transfer or use of UW intellectual property which is currently obligated or licensed to another entity? If yes, name the entity and list the intellectual property.
7) Yes 🗸 No	Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? If yes, explain why the
	intellectual property is not publically available.
	intellectual property is not publically available.
8) Yes 🗸 No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement.
8) Yes 🗸 No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-
8) Yes No 9) Yes No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-
9) Yes V No	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement. Will University of Washington receive, or do you anticipate UW receiving, research funding from the
	Will this activity require that you conduct original research as part of the activity? If yes, describe the nature and scope of the research, and explain why it is not being conducted through a UW-sponsored research agreement. Will University of Washington receive, or do you anticipate UW receiving, research funding from the

by and I agree to comply wi amended from time to time Commercialization, includin University all my rights in ar	ith the University Patent, Inventioned. In accordance with this Policy, Ingulary that I create in connection with the model of the mode	on, and Copyrigh will disclose all with any outside the University ha	equest for outside work, I acknowledge that I am bound nt Policy (Executive Order 36) ("Policy"), as it may be invention and discoveries I create to the UW Center for e work. I agree to assign and I hereby assign to the as a right of assignment under the Policy, provided I responsibilities or with more than incidental use of
3 August 2014	Ray Hilborn	1/ ay	Kel X
Date	Applicant (<i>print</i>)		Signature
TO BE COMPLETED BY TH	HE DEPARTMENT CHAIR/PROG	RAM DIRECTO	OR
1 17	Department Chair/Program Di mended Not Recomm		Excluded from policy (<u>Section 5</u>).
Date	Department Chair/Progra	ım Director (<i>pr</i>	rint) Signature
Evaluation of Request by	Dean/Chancellor/Vice Provost:		
Recomm 8/13/14 Date	mended Not Recomm 194 PANNUL Dean/Chancellor/Vice Pro-	+	Excluded from policy (Section 5). Signature
TO BE COMPLETED BY TH	IE OFFICE OF THE PROVOST		
8/22/14 Date	eipt of form, further review by I		Yes No Signature
Evaluation of Request by	the Provost or Designee (If need need Not Recomme		d above):
Requirements upon which	Approval is Conditional (<i>if any</i>	'):	
Date	Provost <i>or</i> Designee (<i>print</i>))	Signature



(I) Last Name		(2) First Name	(3) Middle Initial
Hilborn		Ray	RECEIVED
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail	
866-007-575	355020	rayh@u	NOV 2 5 2008
(7) Job Class Code (optional)	(8) Job Title (Faculty Rai	nk)	
	Professor		Academic HR
(9) Department/Program (if application	ıble)	(10) College/School/Cam	pus Madernie III.
Aquatic and Fishery Sciences		Ocean and Fishery So	
(11) FTE Appointment (if part time	, indicate percentage)	(12) Service Pe	
✓ Full Time or Part Time	%	✓ 9 months	or 12 months
(13) Organization Name			
Stratus Consulting			
(14) Type of Organization (select of			
	Private: Not-For-Profit	Public: Federal	Public: State Public: Local
(15) Category of Activity (check all		, v	
			Board Member Editor Expert Witness
Professional/Continuing Education			
(16) Period of Work (date range sh			(17) Number of Days Requested for Activity
From (mm/dd/yyyy): 12/01/2008		y): 06/30/2009	03
(18) Provide a brief abstract of the			
Will serve on a committee to	review the Marine Fisher	ries Conservation Initiative	of the Gordon and Betty Moore Foundation.
(19-28) Answer Yes or No for each	augstion If you answered	Yos to any question, you must	provide additional documentation on the next page.
(19a) Yes ✓ No Do you, yo	our spouse or significant other	er, or your children have an ow	provide additional documentation on the next page. nership or deeper involvement with the organizatio
for which t	the work is to be performed	?	· · · · · · · ·
(20a) _ Yes ✓ No Do you, yo	our spouse or significant othe	er, or your children hold a man	agement position with the organization for which th
work is to	be performed?		
organizatio	our spouse or significant othe	er, or your children participate	in the ongoing day-to-day operations of the
(22a) _ Yes ✓ No Do you, yo	our spouse or significant other	er, or your children have a cont	inuing advisory role with the organization?
(23a) Yes ✓ No Will this ac	tivity result in the transfer o	r use of technology, informatio	n or other intellectual property developed at the
University	of Washington that is not pu	iblicly available?	tarte or to our to our at the second
(24a) Tes <u>v</u> No vviii this ac	clivity result in the transfer of V	r use of discoveries, software,	databases, inventions or other intellectual property
(25a) Yes ✓ No Will this ac	tivity result in the transfer o	r use of intellectual property o	oligated or licensed to another entity?
(26a) _Yes √ No Will you re	ceive or do you anticipate re	eceiving research funding from	the organization?
(27a) Yes 🗸 No Will this ac	tivity require that you condu	ict original research?	
			rees, students or other resources be used?
	ant (print)	Signatu	ire
1 NOV 2008	CAN HILISAR	No.	
(30) Evaluation of Request by Depar		R/PROGRAM DIRECTOR	
Recommended	Not Recommended		
	tment Chair/Program Direct		n Policy (Sec. 5), Approval Not Required
11/18/08	David Armsto		
TO BE COMPLETED BY THE			
(32) Evaluation of Request by Dean/		\.	
Recommended	Not Recommended	Excluded from	n Policy (Sec. 5), Approval Not Required
	Chancellor (print)	Signatu	
11-24-08 ARTI	1 .	Anthu	
	DEMIC HUMAN RESO		
34) Evaluation of Request by Acade			
Review Required by the Provost		Required by the Provost	
35) Evaluation of Request by the Pr			
X Recommended	Not Recommended		Policy (Sec. 5), Approval Not Required
	nic Human Resources/Provo		
. / /	mela R. Zieal	er San	Fieles
ev. 3 June 2005; supercedes UW Form 1460		- Sun	- what

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(I) Last Name	AII LICANII	(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u		
(7) Job Class Code (optional)	(8) Job Title (Faculty Rai	nk)		
	Professor		•	
(9) Department/Program (if applicab	le)	(10) College/School/Cam	ous RECI	EIVED
Aquatic and Fishery Sciences		Ocean and Fishery Sc	iences	
(11) FTE Appointment (if part time, i	ndicate percentage)	(12) Service Per	ioq CLD-1	0 2008
✓ Full Time or Part Time	%	✓ 9 months o	r 12 months	<i>\(\(\lambda \)</i>
(13) Organization Name			Acaden	Nic HD
California Fisheries Coalition	· · · · · · · · · · · · · · · · · · ·		nvauvi	IIIC IIIX
(14) Type of Organization (select one				
	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
(15) Category of Activity (check all ti				
Professional/Private Practice	-			Expert Witness
Professional/Continuing Education			Other: (17) Number of Days Requ	resed for Assistan
(16) Period of Work (date range shown (mm/dd/yyy): 09/25/2008		y): 06/30/2009	03	desired for Activity
(18) Provide a brief abstract of the a		(4); 00/30/2007	· ·	.001 (A) 12 (A ²⁰ A) 12 (A)
I will help teach a training cours		ternative MPA siting propos	als.	
with help teach a training count	o in non to craidate an	or many or many or many		
(19-28) Answer Yes or No for each				
(19a) Yes V No Do you, you	ır spouse or significant oth	er, or your children have an ow	nership or deeper involveme	ent with the organization
for which the (20a) Yes ✓ No Do you, you	ne work is to be performed		gement position with the o	rganization for which the
	pe performed?	or, or your amaren nois a main	Sement position with the	Garmacion to Willen and
(21a)Yes ✓ No Do you, you	ar spouse or significant oth	er, or your children participate i	n the ongoing day-to-day of	perations of the
organization (22a) Yes ✓ No Do you, you		er or vour children have a cont	inuing advisory role with the	organization?
(23a) Yes V No Will this act	ivity result in the transfer of	or use of technology, informatio	n or other intellectual prope	erty developed at the
University o	of Washington that is not pu	ıblicly available?	•	
(24a) _Yes ✓ No Will this act	ivity result in the transfer o losed to the University of V		databases, inventions or othe	er intellectual property
(25a) Yes ✓ No Will this act	ivity result in the transfer o	or use of intellectual property of	oligated or licensed to anoth	er entity?
(26a) Yes 🗸 No Will you red	ceive or do you anticipate r	eceiving research funding from t	the organization?	•
(27a) Yes ✓ No Will this act	ivity require that you cond	uct original research?		
(28a)Yes ✓ No Will Univers (29a) Date Applica	sity of vvasnington facilities int (print)	equipment, computers, emplo; Signatu		urces be used:
18 Ave 08 RA	1 HILREN :	/ 10	1 1 + // C~	
TO BE COMPLETED BY THE		R/PROGRAM DIRECTOR		
(30) Evaluation of Request by Depart	ment Chair/Program Direc	tor (select one, see instructions fo	r more information)	
Recommended	Not Recommended	Excluded from	n Policy (Sec. 5), Approval N	Not Required
, , , , , , , , , , , , , , , , , , , ,	ment Chair/Program Direc	tor (print) Signatu	re	
09/02/08 Dav		3 0	andr	
TO BE COMPLETED BY THE		Ri		<i>_</i>
(32) Evaluation of Request by Dean/C		F 1 1 1 C	D !: (C E) A	1
✓ Recommended (33) Date Dean/C	Not Recommended	Excluded from Signatu	n Policy (Sec. 5), Approval N	Not Required
	Chancellor (print) Lur R.M.Nowo		16	
9/8/08 AV+W			Car-	
(34) Evaluation of Request by Academ			r -	
Review Required by the Provost		t Required by the Provost		
(35) Evaluation of Request by the Pro				
✓ Recommended	Not Recommended		n Policy (Sec. 5), Approval N	lot Required
	nic Human Resources/Prove			
9/10/08 Pan	nela R. Ziegl	ور کے	am Frealon	
Rev. 3 June 2005; supercedes UW Form 1460			7.	



TO BE COMPLETED BY TH (1) Last Name	E APPLICANT:	(2) First Name		(3) Middle Initial
Hilborn		Ray	TO TO ATTUCK A PROPERTY	Ŵ
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail	KECEIVED)	
866-007-575	355020	rayh@u		,
(7) Job Class Code (optional)	(8) Job Title (Faculty Ran	k)	AUG 0 1 2008	
	Professor			
(9) Department/Program (if applica	ble)	(10) College/School/	Campus Academic HR	
Aquatic and Fishery Sciences		Ocean and Fisher	y Sciences	
(11) FTE Appointment (if part time,	indicate percentage)	(12) Servic	e Period	
✓ Full Time or Part Time	%	✓ 9 mont	ns or 12 months	
(13) Organization Name				
R2 USA				
(14) Type of Organization (select on	e)			
✓ Private: For-Profit	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
(15) Category of Activity (check all				
				Expert Witness
Professional/Continuing Educat				
(16) Period of Work (date range sho			(17) Number of Days Request	ed for Activity
From (mm/dd/yyyy): 08/01/2008	The second secon	y): 06/30/2009	10	
(18) Provide a brief abstract of the		·		
I will primarily attend meeting	s to comment on and eva	luate the work of the o	other parties in this multi-party	project.
(19a) Yes ✓ No Do you, yo for which to (20a) Yes ✓ No Do you, yo	ur spouse or significant othe he work is to be performed? ur spouse or significant othe	r, or your children have a	nust provide additional documentation ownership or deeper involvement management position with the organ	with the organization
		r, or your children partici	oate in the ongoing day-to-day opera	tions of the
(22a) Yes ✓ No Do you, yo (23a) Yes ✓ No Will this ac University (24a) Yes ✓ No Will this ac	ur spouse or significant othe tivity result in the transfer o of Washington that is not pu	r use of technology, inforn blicly available? r use of discoveries, softw	continuing advisory role with the or, nation or other intellectual property are, databases, inventions or other in	developed at the
	tivity result in the transfer o	r use of intellectual proper	ty obligated or licensed to another econ the organization?	entity?
(27a) _ Yes ✓ No Will this ac	tivity require that you condu	ct original research?		
	sity of Washington facilities, ant (<i>print</i>)		nployees, students or other resource	es be used!
24	11. 11	() ~	gnature 1 / /	
TO BE COMPLETED BY THE	DEPARTMENT CHAIL	R/PROGRAM DIRECT	rop:	
(30) Evaluation of Request by Depar				
Recommended	Not Recommended		I from Policy (Sec. 5), Approval Not	Required
(31) Date Depar	tment Chair/Program Direct		gnature	
07/29/08 D	acid Armstro	n9	70.2	
TO BE COMPLETED BY THE	tend 14 1 1			7
(32) Evaluation of Request by Dean/	Chancellor (select one)			· · · · · · · · · · · · · · · · · · ·
₹ Recommended	Not Recommended	Excluded	from Policy (Sec. 5), Approval Not	Required
(33) Date Dean/0	Chancellor (print)	Sig	gnature	
. 0 - 0 -	ur R.M. Nowell	Anr	Juli	
TO BE COMPLETED BY ACA				
(34) Evaluation of Request by Acade				
Review Required by the Provost		Required by the Provost		
(35) Evaluation of Request by the Pr	ovost (if necessary, select one)			
X Recommended	Not Recommended		from Policy (Sec. 5), Approval Not	Required
· · · · · · · · · · · · · · · · · · ·	nic Human Resources/Provo	st (print) Sig	nature	
	elak.Ziegle	<u>(</u>	anda K. fugl	<u>. </u>
Rev. 3 June 2005; supercedes UW Form 1460	7		- 1	



(I) Last Name	THE APPLICANT:	(2) First Name	(3) Middle Initi	tial
Hilborn		Ray	W	
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u		
(7) Job Class Code (optional)	(8) Job Title (Faculty Ran	k)		
· ·	Professor		ACCEIVED_	
(9) Department/Program (if at	plicable)	(10) College/School/Campus		
Aquatic and Fishery Scien		Ocean and Fishery Scien		
(11) FTE Appointment (if part		(12) Service Period		
✓ Full Time or Part Tir	ne %	✓ 9 months or	_ 12 months Academic 110	
(13) Organization Name				,
Tavel Certification				
(14) Type of Organization (sele			B.H. G	
✓ Private: For-Profit	Private: Not-For-Profit	Public: Federal	Public: State Public: Local	
(15) Category of Activity (chec		Canadana Canadan Da	and Marshan Editor Evans Witne	
	ducation ✓ Scientific/Technical/E	Consultant Speaker Bo		ess
	ge should fall within one academic ye		Other: Other:	
From (mm/dd/yyyy): 08/01/20			0	
	the activities to be performed	7).		
· · · · · · · · · · · · · · · · · · ·		spect to MSC certification sta	ndards	
			vide additional documentation on the next pa	
			ship or deeper involvement with the organiza	ation
(20a) Yes <u>√</u> No Do yo			ment position with the organization for which	h the
	is to be performed? u. your spouse or significant othe	r, or your children participate in t	he ongoing day-to-day operations of the	
organi	zation?			
(22a)Yes ₹No Do yo (23a)Yes ₹No Will th	u, your spouse or significant othe his activity result in the transfer o	r, or your children have a continu r use of technology, information o	ing advisory role with the organization? r other intellectual property developed at the	e:
	sity of Washington that is not pu		abases, inventions or other intellectual proper	rtv
	t disclosed to the University of W			,
			ated or licensed to another entity?	
	ou receive or do you anticipate re iis activity require that you condu	eceiving research funding from the	organization?	
(28a) Yes ✓ No Will U	niversity of Washington facilities.	equipment, computers, employee	s, students or other resources be used?	
	pplicant (print)	Signature		
247h 01 P	H. Boile	12,		
TO BE COMPLETED BY	THE DEPARTMENT CHAI		The state of the s	
		or (select one, see instructions for m		
Recommended	Not Recommended	The second secon	Policy (Sec. 5), Approval Not Required	
dial -	epartment Chair/Program Direct	or (print) Signature		
	Pavid Armshong		ich	
32) Evaluation of Request by D	THE DEAN/CHANCELLOR			
Recommended	Not Recommended	Evoluded from P	olicy (Sec. 5), Approval Not Required	
	ean/Chancellor (print)	Signature	oney (sec. 3), Approval Not Required	
	thur R.M. Nowell	And	011	
	ACADEMIC HUMAN RESO	URCES:		
	cademic Human Resources (selec			
Review Required by the Pro	ovost Keview Not	Required by the Provost		
35) Evaluation of Request by th	e Provost (if necessary, select one)			
X Recommended	Not Recommended		olicy (Sec. 5), Approval Not Required	
36) Date A	cademic Human Resources/Provo	st (print) Signature		
	mela R. Ziegli	er Same	ela R. Fugler]
ev. 3 June 2005; supercedes UW Form	1460			





TO BE COMPLETED BY THE APPLICANT: (I) Last Name (2) First Name (3) Middle Initial Hilborn Ray (6) UW E-Mail (4) Employee ID (not SSN) (5) Campus Box # 866-007-575 355020 rayh@u (7) Job Class Code (optional) (8) Job Title (Faculty Rank) Professor (9) Department/Program (if applicable) (10) College/School/Campus **Aquatic and Fishery Sciences** Ocean and Fishery Sciences (11) FTE Appointment (if part time, indicate percentage) (12) Service Period √ 9 months or ✓ Full Time or Part Time 12 months (13) Organization Name Commission for the Conservation of Southern Bluefin Tuna (14) Type of Organization (select one) Private: For-Profit Private: Not-For-Profit ✓ Public: Federal Public: State Public: Local (15) Category of Activity (check all that apply) Professional/Private Practice Performing Arts Consultant Speaker Board Member **Expert Witness** Editor Professional/Continuing Education 🗹 Scientific/Technical/Expert Advisor Reviewer Other: (16) Period of Work (date range should fall within one academic year, 7/1-6/30) (17) Number of Days Requested for Activity To (mm/dd/yyyy): 06/30/2009 From (mm/dd/yyyy): 09/01/2008 [18] Provide a brief abstract of the activities to be performed Attend meetings and review scientific advice (19-28) Answer Yes or No for each question. If you answered Yes to any question, you must provide additional documentation on the next page. (19a) ___ Yes 🗹 No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? (20a) Yes V No Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? (21a) Yes V No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? Yes 🗹 No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? Yes 🗸 No Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? Yes \sqrt{No} Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? __Yes __Yes Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (26a) __Yes ✓ No Will you receive or do you anticipate receiving research funding from the organization? (27a) Yes VNo Will this activity require that you conduct original research? Yes 🖌 No Will University of Washington facilities, equipment, computers, employees, students or other resources be used? (28a) Applicant (print) (29a) Date Signature TO BE COMPLETED BY THE DEPARTMENT CHAIR/PROGRAM DIRECTOR: (30) Evaluation of Request by Department Chair/Program Director (select one, see instructions for more information) Recommended Not Recommended Excluded from Policy (Sec. 5), Approval Not Required (31) Date Department Chair/Program Director (print) Signature David Armstrona 07/29/08 TO BE COMPLETED BY THE DEAN/CHANCELLOR: (32) Evaluation of Request by Dean/Chancellor (select one) ✓ _ Recommended Not Recommended Excluded from Policy (Sec. 5), Approval Not Required (33) Date Dean/Chancellor (print) Signature Arthur R.M. Nowell 7/30/08 TO BE COMPLETED BY ACADEMIC HUMAN RESOURCES: (34) Evaluation of Request by Academic Human Resources (select one) Review Required by the Provost X Review Not Required by the Provost (35) Evaluation of Request by the Provost (if necessary, select one) X Recommended Not Recommended Excluded from Policy (Sec. 5), Approval Not Required (36) Date Academic Human Resources/Provost (print) Signature

8/1108

Rev. 3 June 2005; supercedes UW Form 1460

Pamela R. Ziegl



REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT: (3) Middle Initial (2) First Name (I) Last Name Hilborn Ray (6) UW E-Mail (4) Employee ID (not SSN) (5) Campus Box # 355020 rayh@u 866-007-575 (8) Job Title (Faculty Rank) (7) Job Class Code (optional) Professor (9) Department/Program (if applicable) (10) College/School/Campus **Ocean and Fishery Sciences Aquatic and Fishery Sciences** (12) Service Period (11) FTE Appointment (if part time, indicate percentage) √ 9 months or 12 months ✓ Full Time or Part Time (13) Organization Name San Luis and Mendota Water Authority (14) Type of Organization (select one) ✓ Public: Local Public: Federal Public: State Private: For-Profit Private: Not-For-Profit (15) Category of Activity (check all that apply) **Board Member** Editor **Expert Witness** Professional/Private Practice Performing Arts Consultant Professional/Continuing Education ✓ Scientific/Technical/Expert Advisor Other: Reviewer (16) Period of Work (date range should fall within one academic year, 7/1-6/30) (17) Number of Days Requested for Activity From (mm/dd/yyyy): 09/01/2008 To (mm/dd/yyyy): 06/30/2009 05 (18) Provide a brief abstract of the activities to be performed Evaluate models of population dynamics of delta smelt (19-28) Answer Yes or No for each question. If you answered Yes to any question, you must provide additional documentation on the next page. (19a) Yes 🗸 No Do you, your spouse or significant other, or your children have an ownership or deeper involvement with the organization for which the work is to be performed? __ Yes 🗸 No Do you, your spouse or significant other, or your children hold a management position with the organization for which the work is to be performed? (21a) Yes 🗸 No Do you, your spouse or significant other, or your children participate in the ongoing day-to-day operations of the organization? __Yes ✓ No Do you, your spouse or significant other, or your children have a continuing advisory role with the organization? Yes VNo Will this activity result in the transfer or use of technology, information or other intellectual property developed at the University of Washington that is not publicly available? (24a) Yes 🗸 No Will this activity result in the transfer or use of discoveries, software, databases, inventions or other intellectual property not yet disclosed to the University of Washington? Yes ✓ No Will this activity result in the transfer or use of intellectual property obligated or licensed to another entity? (26a) Yes ✓ No Will you receive or do you anticipate receiving research funding from the organization? (27a) Yes V No Will this activity require that you conduct original research? (28a) Yes No Will University of Washington facilities, equipment, computers, employees, students or other resources be used? (29a) Date Applicant (print) 24 311 08 TO BE COMPLETED BY THE DEPARTMENT CHAIR/PROGRAM DIRECT (30) Evaluation of Request by Department Chair/Program Director (select one, see instructions for more information) Excluded from Policy (Sec. 5), Approval Not Required Recommended Not Recommended Department Chair/Program Director (print) (31) Date Signature 07/29/08 David Armstrono TO BE COMPLETED BY THE DEAN/CHANCELLOR: (32) Evaluation of Request by Dean/Chancellor (select one) Excluded from Policy (Sec. 5), Approval Not Required > Recommended Not Recommended Dean/Chancellor (print) Signature (33) Date 7/30/08 Arthur R.M. Nowell TO BE COMPLETED BY ACADEMIC HUMAN RESOURCES: (34) Evaluation of Request by Academic Human Resources (select one)

Keview Not Required by the Provost

Not Recommended

Academic Human Resources/Provost (print)

Review Required by the Provost

Rev. 3 June 2005; supercedes UW Form 1460

X Recommended

8/1/08

(36) Date

(35) Evaluation of Request by the Provost (if necessary, select one)

anela 12 (legle

Excluded from Policy (Sec. 5), Approval Not Required

Signature



(I) Last Name		(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u	¢	
(7) Job Class Code (optional)	(8) Job Title (Faculty Ran	k)		
	Professor		75.7	A Second Amend Asset
(9) Department/Program (if applicable)	· Prince Control of the Control of t	(10) College/School/Campu	s	CEIVED
Aquatic and Fishery Sciences		Ocean and Fishery Scie		
(11) FTE Appointment (if part time, indi	cate percentage)	(12) Service Perio	d AU	<u>G 0 1 2008</u>
✓ Full Time or Part Time	%	✓ 9 months or	12 months	*
(13) Organization Name			Acac	emic HR
FishAmerican Foundation				
(14) Type of Organization (select one)				
	/ate: Not-For-Profit	Public: Federal	Public: State	Public: Local
(15) Category of Activity (check all that				
Professional/Private Practice			oard Member Edito	or Expert Witness
Professional/Continuing Education			Other:	· · · · · · · · · · · · · · · · · · ·
(16) Period of Work (date range should			17) Number of Days Red 05	quested for Activity
From (mm/dd/yyyy): 09/01/2008		y): 06/30/2009	U3	
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(19-28) Answer Yes or No for each qu	estion. If you answered	Yes to any question, you must pr	ovide additional documer	ntation on the next page.
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(21a)Yes ✓ No Do you, your	spouse or significant othe	er, or your children participate in	the ongoing day-to-day o	perations of the
organization?			. P. J. J. S. J. S	
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		eceiving research funding from the		ner endry
(27a) Yes VNo Will this activity	ty require that you condu	ict original research?		
(28a) Yes ✓ No Will University				ources be used?
(29a) Date Applicant	(print)	Signature	")	
TO BE COMPLETED BY THE D	EPARTMENT CHAI	DANGER AM DIRECTOR	/	
(30) Evaluation of Request by Departme			more information)	
Recommended	Not Recommended		Policy (Sec. 5), Approval	Not Required
	ent Chair/Program Direct			
07/29/08 Da	. 1 ^	ona AC	T	
TO BE COMPLETED BY THE D				
(32) Evaluation of Request by Dean/Cha	incellor (select one)			
X Recommended	Not Recommended	Excluded from	Policy (Sec. 5), Approval	Not Required
(33) Date Dean/Cha	ncellor (þrint)	Signature		
7/30/08 Arthur	zR.M. Nowell	star!	y,	*
TO BE COMPLETED BY ACADE			7	
(34) Evaluation of Request by Academic				
Review Required by the Provost		Required by the Provost		
(35) Evaluation of Request by the Provo			D-1:/6:- 5\ 4	NI. A D 1 J
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(1) Last Name		(2) First Name		(3) Middle Initial
Hilborn		Ray		<u> </u>
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		RECEIVED
866-007-575	355020	rayh@u		MECET VED
(7) Job Class Code (optional)		nk)		IIIN 1 ~ 2010
	Professor	(10) 0 11 (5 1 1/0	. '	JUN 1 5 2010
(9) Department/Program (if		(10) College/School/Campus	A	
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(14) Type of Organization (s		✓ Bobber Fadeed	Dut the Court	Duk Kar Lia as I
Private: For-Profit (15) Category of Activity (ch	Private: Not-For-Profit	✓ Public: Federal	Public: State	Public: Local
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	inge should fall within one academic		Number of Days Reques	ted for Activity
From (mm/dd/yyyy): 07/01/				200 101 7 1001107
	of the activities to be performed	,,,,		
Give lectures in fisheries				
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		Yes to any question, you must provi		
		er, or your children have an ownersl	hip or deeper involvement	with the organization
	which the work is to be performed you, your spouse or significant oth	er, or your children hold a managem	ent position with the orga	nization for which the
wor	k is to be performed?		•	
		er, or your children participate in the	e ongoing day-to-day opera	ations of the
	inization? you, your spouse or significant oth	er, or your children have a continuin	g advisory role with the or	rganization?
(23a) Yes ✓ No Wil	this activity result in the transfer	or use of technology, information or	other intellectual property	developed at the
	versity of Washington that is not p			
	this activity result in the transfer of yet disclosed to the University of y	or use of discoveries, software, datab	ases, inventions or other i	ntellectual property
(25a) Yes ✓ No Will	this activity result in the transfer of	or use of intellectual property obligat	ed or licensed to another	entity?
(26a) Yes 🗸 No Will	you receive or do you anticipate i	eceiving research funding from the o	rganization?	· •
(27a) _ Yes ✓ No Will	this activity require that you cond	uct original research?		1
	Applicant (brint)	, equipment, computers, employees, Signature		es de usea?
4 Ru 2010	RAY Hib	V co	102	
	THE DEPARTMENT CHA	IR/PROGRAM DIRECTOR	<u> </u>	
		ctor (select one, see instructions for mo	re information)	
Recommended	Not Recommended	Excluded from Po	licy (Sec. 5), Approval Not	: Required
(31) Date	Department Chair/Program Direc	tor (print) Signature		
6/10/2010	David Armstrone	Dani	and	
	THE DEAN/CHANCELLO	R:		
	Dean/Chancellor (select one)			
<u>✓</u> Recommended	Not Recommended		licy (Sec. 5), Approval Not	Required
(33) Date	Dearl/Chancellor (print)	Stgrature	PITT	
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TO BE COMPLETED BY (34) Evaluation of Request by	ACADEMIC HUMAN RESO Academic Human Resources (sele		•	
		t Required by the Provost	-	
Review Required by the I	the Provost (if necessary, select one			
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	Academic Human Resources/Prov		icy (Sec. 3), Approvariable	rioquii od
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(I) Last Name	E APPLICAN I:	(2) First Name		(3) Middle Initial
Hilborn		Ray		Ŵ
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u	,	RECEIVED
(7) Job Class Code (optional)	(8) Job Title (Faculty Ro			
	Professor			111M 1 = 2040
(9) Department/Program (if applicat	ole)	(10) College/School/Cam	pus	JUN 1 5 2010
Aquatic and Fishery Sciences		Ocean and Fishery Sc	iences	A . 1
(11) FTE Appointment (if part time,	indicate percentage)	(12) Service Per	iod	Academic HR
✓ Full Time or Part Time	%	✓ 9 months	or 12 months	
(13) Organization Name				
Food and Agriculture Organiza	ition of the United Nat	ions		
(14) Type of Organization (select on	e)			
Private: For-Profit	Private: Not-For-Profit	✓ Public: Federal	Public: State	Public: Local
(15) Category of Activity (check all t	hat apply)			
Professional/Private Practice	Performing Arts	Consultant Speaker	Board Member Edi	itor Expert Witness
		Expert Advisor Reviewer		
(16) Period of Work (date range sho			(17) Number of Days R	equested for Activity
From (mm/dd/yyyy): 07/01/2010		ууу): 06/30/2011	05	
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Evalute stock status of Bay of B	engal fisheries and atte	end meeting		
(19-28) Answer Yes or No for each	avertion If you appropri	l Van ta anu guartian way must s	avanida addisianal daanna	
(19-26) Answer tes or No for each (19a)Yes ✓ No Do you, yo				
for which the	ne work is to be performe	d?		
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(21a)Yes 🗸 No Do you, yo	ur spouse or significant oth	ner, or your children participate i	in the ongoing day-to-day	operations of the
organization			:	
(22a)Yes ✔ No Do you, yo (23a) _Yes ✔ No Will this act	ur spouse or significant ou tivity result in the transfer	ner, or your children have a cont or use of technology, information	n or other intellectual pr	operty developed at the
University of	of Washington that is not p	oublicly available?		
(24a)Yes ✓ No Will this act			databases, inventions or c	other intellectual property
not yet disc (25a)Yes _ No Will this act	losed to the University of		oligated or licensed to an	other entity?
(26a) Yes VNo Will you re	celve or do you anticipate	receiving research funding from	the organization?	Julier Chury:
(27a) Yes 🔟 No Will this act	tivity require that you cond	duct original research?		
(28a) Yes 🔽 No Will Univer				esources be used?
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(30) Evaluation of Request by Depar				
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	ment Chair/Program Dire			
	and Armstrone			
TO BE COMPLETED BY THE	· · · · · · · · · · · · · · · · · · ·	PR:	we will	
(32) Evaluation of Request by Dean/0	Chancellor (select one)			
Recommended	Not Recommended	Excluded from	n Policy (Sec. 5), Approy	al Not Required
(33) Date Dean/C	Chancellor (print)	Signatu	re \(\rho \) \(\f\ \)	
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TO BE COMPLETED BY ACA			()	
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Review Required by the Provost		ot Required by the Provost		
(35) Evaluation of Request by the Pro				
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Rev. 3 June 2005; supercedes UW Form 1460	(2)	·)		

(I) Last Name Hilborn		(2) First Name Ray	:	(3) Middle Initial
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u	 	D F OF THE THE
(7) Job Class Code (optional)	(8) Job Title (Faculty Ra			RECEIVEL
(7) Job Class Code (opacital)	Professor	my .		
(9) Department/Program (if applic		(10) College/School/Campus		JUN 1 5 2010
Aquatic and Fishery Sciences	, , , , , , , , , , , , , , , , , , , ,	Ocean and Fishery Science	es	
(11) FTE Appointment (if part time		(12) Service Period		Academic HR
✓ Full Time or Part Time	%	✓ 9 months or	12 months	
(13) Organization Name			:	
San Luis Delta Mendota Wat	er District			
(14) Type of Organization (select	one)			
Private: For-Profit	Private: Not-For-Profit	Public: Federal	Public: State	✓ Public: Local
(15) Category of Activity (check a				
		Consultant Speaker Boa		litor
			Other:	
(16) Period of Work (date range s				Requested for Activity
From (mm/dd/yyyy): 07/01/2010		yy): 06/30/2011 10)	
(18) Provide a brief abstract of the Evaluate status of delta smelt		alifornia		
Evaluate status of delta smell	and chinook sannon in C	amorma		
(19-28) Answer Yes or No for ea	ch question. If you answered	Yes to any question, you must prov	ide additional docun	nentation on the next page.
(19a)Yes <u>√</u> No Do you, y	our spouse or significant oth	er, or your children have an owners		
for which	the work is to be performed	l? er, or your children hold a managen	ant position with th	o arranization for which the
	be performed?	er, or your crimaren hold a managen	ient position with th	ie organization for which the
(21a) Yes 🗹 No Do you,)	our spouse or significant oth	er, or your children participate in th	e ongoing day-to-da	y operations of the
organizat	on?	er, or your children have a continuir	والمارين مامارين والمساورة	. also augunimostani
(23a) Yes	activity result in the transfer	or use of technology, information or	other intellectual p	roperty developed at the
University	of Washington that is not p	ublicly available?		
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not yet di (25a) Yes ✓ No Will this :	sclosed to the University of \activity result in the transfer of	vasnington: or use of intellectual property obliga	ted or licensed to ar	nother entity?
(26a)Yes ∡ No Will you :	receive or do you anticipate i	eceiving research funding from the o	organization?	
(27a) Yes V No Will this	activity require that you cond	uct original research?		
	ersity of vyasnington facilities icant (<i>print</i>)	, equipment, computers, employees, Sign <u>a</u> ture		esources de usea!
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		IR/PROGRAM DIRECTOR:	1.000	adactations 131/3/1649 daily 107 at 1
(30) Evaluation of Request by Dep	artment Chair/Program Dire	ctor (select one, see instructions for mo	re information)	,
✓ Recommended	Not Recommended	Excluded from Po	olicy (Sec. 5), Approv	val Not Required
	rtment Chair/Program Direc	tor (print) Signature	<u> </u>	
	avid Armstrona	- Dain	Vinte	
TO BE COMPLETED BY TH		R:		
(32) Evaluation of Request by Dear		Fredrika di Grana Da	(:/C F) A	-1 N D t d
Recommended (33) Date Dear	Not Recommended	Signature	licy (Sec. 5), Approv	al Not Kequired
6/11/2010 Deal	Marie of printy	Signature	DENNIS	HARTMANN
TO BE COMPLETED BY AC	ADEMIC HUMAN PES	SURCES:	CONT. CO.	of the by the forto
(34) Evaluation of Request by Acad				
Review Required by the Provo	st Keview No	t Required by the Provost		
(35) Evaluation of Request by the F				
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	emic Human Resources/Prov	ost (print) Signature		
6 30 2010 B	ruta Davis	MULTIF	D	
Rev. 3 June 2005; supercedes UW Form 146	0	3		

(I) Last Name	ne applicant:	(2) First Name		(3) Middle Initial
Hilborn		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) UW E-Mail		
866-007-575	355020	rayh@u		RECEIVE
(7) Job Class Code (optional)	(8) Job Title (Faculty Ran	ik) .		
	Professor			JUN 1 5 201
(9) Department/Program (if appli-	cable)	(10) College/School/Cam	ous	
Aquatic and Fishery Science	s	Ocean and Fishery Sc		Academic L
(11) FTE Appointment (if part time	e, indicate percentage)	(12) Service Per		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
✓ Full Time or Part Time	<u></u> %	✓ 9 months of	or 12 months	
(13) Organization Name				
Commission for the Conserv		Tuna		
(14) Type of Organization (select	one)			
Private: For-Profit	Private: Not-For-Profit	✓ Public: Federal	Public: State	Public: Local
(15) Category of Activity (check of				A
	Performing Arts C		Board Member Edit	or Expert Witness
	ation 🗹 Scientific/Technical/E		Other:	
(16) Period of Work (date range s			(17) Number of Days Re	equested for Activity
From (mm/dd/yyyy): 09/01/2010		y): 06/30/2011	09	
(18) Provide a brief abstract of th	e activities to be performed			
Attend meetings and review	scientific advice		•	
		· · · · · · · · · · · · · · · · · · ·		
(19-28) Answer Yes or No for ea				
(19a)Yes ✓ No Do you,	your spouse or significant out the work is to be performed		hership or deeper involve	ment with the organization
(20a) Yes ✓ No Do you,	your spouse or significant othe	er, or your children hold a man:	agement position with the	organization for which the
work is t	o be performed?		•	
(21a) _ Yes ✓ No Do you,		er, or your children participate	n the ongoing day-to-day	operations of the
organizat		an an irain abilduan barra a gant	incing advisance nata crish c	ulus siusamissatiam?
(22a) Yes	your spouse or significant othe activity result in the transfer o	er, or your children have a cont ir use of technology informatio	nuing advisory role with to n or other intellectual pro	ne organization:
	y of Washington that is not pu		To out of the one could pro	perty developed at the
(24a)Yes ✓ No Will this			databases, inventions or of	ther intellectual property
	isclosed to the University of V			
		r use of intellectual property of		ther entity?
(26a)Yes			he organization?	
(27a)Yes	activity require that you condi- versity of Washington facilities	equipment computers employ	vees students or other re	sources he used?
	licant (brint)	Signatu		sources be used:
4JUNC 2010	12 AY H. 1500	(1)	3 XV	
		R/PROGRAM DIRECTOR		
(30) Evaluation of Request by Dep				
Recommended	Not Recommended		n Policy (Sec. 5), Approva	l Not Required
	artment Chair/Program Direct			
6/10/2010 D	and Armshone	J. , J.		
TO BE COMPLETED BY TH		l:	- Charles	
(32) Evaluation of Request by Dea		>		_
Recommended	Not Recommended	Excluded from	n Policy (Sec. 5); Appr o val	Not Required
	n/Chancellor (print)	Signatu		· · · · · · · · · · · · · · · · · · ·
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TO BE COMPLETED BY AC	ADEMIC HUMAN RESO	URCES:	VI (Irongala)	
(34) Evaluation of Request by Acad	demic Human Resources (selec	t one)		
Review Required by the Provo	,	: Required by the Provost		
(35) Evaluation of Request by the				
Recommended	Not Recommended	Excluded from	n Policy (Sec. 5), Approval	Not Required
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10/30/2010	FULTA NAINS	() / / /		
Rev. 3 June 2005; supercedes UW Form 146	50	\sim \sim \sim \sim \sim	46	
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REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(1) Last Name Hilborn		(2) First Name		(3) Middle Initial
		Ray		W
(4) Employee ID (not SSN)	(5) Campus Box #	(6) Are you here on a	visa?	
866-007-575	355020	Nox_ Yes	Visa Type:	DECERT
(7) Job Title	(8) Department/Prog	gram (if applicable) (9) College	e/School/Campus	- RECEIVE
Professor	Aquatic and Fishe	ery Sciences, College of Er	vironment Main Campu	\$
(10) FTE (if part time, indicate perc	centage)	(11) Service P		- 9CT 1 ? 20
X Full Time or Part Time	%	× 9 months	or 12 months	
(12) Name of Organization for w	hom work will be performe	ed		Academic F
National Oceanic and Atmo	ospheric Administratio	n (NOAA)		ALLIV I
(13) Type of Organization (select of	one)			
Private: For-Profit	Private: Not-For-Profit	_X Public: Federal	Public: State	Dubling Land
(14) Category of Activity (check a			rabitc. State	Public: Local
Professional/Private Practice	e Performing Arts	Consultant Speaker	Board Member Edit	tor Evport \\(\lambda\)
Professional/Continuing Educa	ation _X_ Scientific/Techni	ical/Expert Advisor Review	ver Other	expert vvitnes
(15) Period of Work (date range n	nust fall within one academic	year, 7/1-6/30)	(16) Number of Days Req	Hostad for Assista
		n/dd/yyyy): 06/30/2013		dested for Activity
(17) Provide a brief abstract of the	/	00/30/2013	6	
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	and review paner on th	e impact of chillook saline	on tisneries on killer what	les
(18-27) Answer "Yes" or "No" for	r each guestion. If you ansy	vered "Yes" to any question, yo	u must provide additional de-	
(10a) 163 X 140 D0 you, y	our spouse or significant of	ther, or your children have an o	wnership or deeper involveme	umentation below ent with the organization
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(19a)Yes X No Do you, y work is to	our spouse or significant of be performed?	ther, or your children hold a ma	nagement position with the or	rganization for which the
(20a) Yes _X No Do you, ye	our spouse or significant ot	her, or your children participate	e in the ongoing day-to-day op	perations of the
OI gailizatio	OH:			
(21a) Yes X No Do you, yo	our spouse or significant of	her, or your children have a cor	ntinuing advisory role with the	organization?
(22a) Yes X No Will this a	ctivity result in the transfer	or use of technology, informati	on or other intellectual prope	rty developed at the
(23a) Yes X No Will this ac	of Washington that is not p	or use of discoveries software	ale to be a second of the seco	
not yet dis	closed to the University of	Washington?	databases, inventions or othe	r intellectual property
(24a) Yes _X No Will this ad	ctivity result in the transfer	or use of intellectual property	obligated or licensed to anothe	er entity)
(25a) Yes X No Will you re	eceive, or do you anticipate	receiving, research funding from	n the organization?	J. G.
(26a) Yes X No Will this ac			is the organization.	
(27a) Yes _X No Will Univer				
(18b) Do you, your spouse or signi	ficant other, or your childre	en have an ownership or deeper	involvement with the organiz	zation for which the
work is to be performed: if TES, pr	ease describe the relationsh	nip, including the percentage of	the organization owned and it	s approximate value.
NO				
				er colony and a second
(19h) Do you your			Maharatan III	merone alah p
(19b) Do you, your spouse or signifi performed? If YES, please describe t	cant other, or your children	n hold a management position w	rith the organization for which	the work is to be
NO	the positions.			
110				
(20b) Do you, your spouse or signific	cant other, or your childrer	participate in the ongoing day-	to-day operations of the organ	nization? If YES, please
reser for this participation.			, ,	
NO		The second secon		
				Po Annual
21b) Do you, your spouse or signific	ant other, or your children	have a continuing advisory role	with the organization? If VEC	nloses describe this
ole.	, , , = === ===========================		mon the Organization: II 153	, prease describe this
NO				

	result in the transfer or use of technology, inform publicly available? If YES, please explain.	nation or other intellectual property developed at the University of
NO		
the University of Wash	result in the transfer or use of discoveries, softwa ington? If YES, please explain.	ire, databases, inventions or other intellectual property not yet disclosed
NO		
(24b) Will this activity r	result in the transfer or use of intellectual propert	ty obligated or licensed to another entity? If YES, please explain.
NO		, songered with the state of process of proc
(25b) Will you receive.	or do you anticipate receiving, research funding fi	om the organization? If YES, please explain.
(26b) Will this activity r	equire that you conduct original research? If YES	, please explain.
NO		
	Washington employees or students be involved?	If YES, please explain.
NO		
(28b) Additional inform	ation or details regarding items 17-27 above.	
to comply with the Univaccordance with this Pol create in connection wit which the University has activities or responsibiliti	ersity Patent, Invention, and Copyright Policy (Exe icy, I will disclose all inventions and discoveries I on the any outside work. I agree to assign and I hereb a right of assignment under the Policy, provided ies or with more than incidental use of University	s request for outside work, I acknowledge that I am bound by and I agree ecutive Order 36) ("Policy"), as it may be amended from time to time. In create to the UW Center for Commercialization, including any that I y assign to the University all my rights in any intellectual property to I created such intellectual property in the course of my University resources.
(29) Date	Applicant (print)	Signature
I September 2012	Ray Hilborn	Kay IXIV
	BY THE DEPARTMENT CHAIR/PROGRA st by Department Chair/Program Director	M DIRECTOR:
★ Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature
10/09/12	André Punt	(10/2)
	BY THE DEAN/CHANCELLOR/VICE PRO	OVOST:
	t by Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
33) Date	Dean/Chancellor/Vice Provost (print)	Signature
10/15/12 TO BE COMPLETED	LISA Graumlich Mele BY THE OFFICE OF THE PROVOST:	in Feikema djelkima
34) Evaluation of Reques	t by the Office of the Provost	
Review Required by t		by the Provost
36) Evaluation of Reques	t by the Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
	Approval is Conditional if any:	
37) Date	Office of the Provost (print)	Signature
1 - 1 - 1 - 1 - 1	t a salar a sa	

TO BE COMPLETED BY TI (1) Last Name	HE APPLICANT:	(2) First Name		
Hilborn		Ray		(3) Middle Initial
(4) Employee ID (not SSN)	(5) Campus Box #			W
866-007-575	355020	(6) Are you here on a v	·	
(7) Job Title		No_x_ Yes	Visa Type:	
Professor	Aguatic and Fishery S	(if applicable) (9) College/	school/Campus	- DEOR-
(10) FTE (if part time, indicate per	rentage)	ciences, College of Env	ironment Main Campus	VECEIVE
X Full Time or Part Time	%	(11) Service Per		
(12) Name of Organization for w		X 9 months o	r 12 months	OCT 1 7 201
Shoreline Resource Consu	tante			
(13) Type of Organization (select				Academic H
x Private: For-Profit				
(14) Category of Activity (check of	Il that apply)	Public: Federal	Public: State	Public: Local
Professional/Private Practic	e Performing Arts Co	ancultant C		
Professional/Continuing Educ	ation X Scientific/Technical/Exper	t Advisor Povious	Board Member Edit	or Expert Witne
(15) Period of Work (date range r	nust fall within one academic year	7/1-6/30) Reviewer	Other:	
	01/2012 To (mm/dd/y		(16) Number of Days Requ	lested for Activity
(17) Provide a brief abstract of the		yyy). Vo/30/2013	5	
Review and advise r	process to develop manager	mone plane for Laboration		
i i i i i i i i i i i i i i i i i i i	develop manager	nent plans for lobster	n California	
(19a) Yes X No Do you, y	the work is to be performed? our spouse or significant other, on the performed of Washington that is not publicated to the University of Washington the transfer or used to the University of Washington the transfer or used to the University of Washington that the transfer or used to the University of Washington employees of the performance of the perfor	or your children hold a mana or your children participate in or your children participate in or your children have a conti e of technology, information ly available? e of discoveries, software, di ington? e of intellectual property ob ving, research funding from riginal research? r students be involved?	nership or deeper involvement position with the orangement position with the orangement position with the orangement advisory role with the orangement of the orangement of the ligated or licensed to another the organization?	ent with the organization ganization for which the erations of the organization? The developed at the rintellectual property rentity?
19b) Do you, your spouse or signifi erformed? If YES, please describe t NO	cant other, or your children hold he position.	a management position wit	h the organization for which	the work is to be
20b) Do you, your spouse or signific escribe this participation. NO				
1b) Do you, your spouse or signific le.	ant other, or your children have a	a continuing advisory role w	ith the organization? If YES,	please describe this
NO			and the second s	



(22b) Will this activity Washington that is no	result in the transfer or use of technology, in t publicly available? If YES, please explain.	nformation or other intellectual property developed at the University of
NO	re publicity available: 11 123, please explain.	
140		
(23b) Will this activity	result in the transfer or use of discoveries, so	oftware, databases, inventions or other intellectual property not yet disclosed
the University of Was	hington? If YES, please explain.	and the second of the second property not yet disclosed
NO		
	result in the transfer or use of intellectual pro-	operty obligated or licensed to another entity? If YES, please explain.
NO		
(25b) Will you receive.	or do you anticipate receiving research fund	fing from the organization? If YES, please explain.
NO	or do you arricipate receiving, research lund	ing from the organization: if i es, please explain.
110		
(26b) Will this activity	require that you conduct original research? I	f YES, please explain.
No		
No		
	f Washington employees or students be invol	ved? If YES, please explain.
NO		
(20h) Additional inform		
(200) Additional inform	nation or details regarding items 17-27 above.	
accordance with this Po create in connection wit which the University has	licy, I will disclose all inventions and discoveri th any outside work. I agree to assign and I h	(Executive Order 36) ("Policy"), as it may be amended from time to time. In ies I create to the UW Center for Commercialization, including any that I ereby assign to the University all my rights in any intellectual property to rided I created such intellectual property in the course of my University ersity resources.
		- Kay IMAX
O BE COMPLETED	BY THE DEPARTMENT CHAIR/PRO	
30) Evaluation of Reque	st by Department Chair/Program Director	
X Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
31) Date	Department Chair/Program Director (pr	
10/09/12	André Punt	ORI
	BY THE DEAN/CHANCELLOR/VICE	PROVOST:
32) Evaluation of Reques	st by Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
3) Date	Dean/Chancellor/Vice Provost (print)	Signature
10/15/12		barlene Feikema delejkima
	BY THE OFFICE OF THE PROVOST:	Der iene remence afellema
	t by the Office of the Provost	
_ Review Required by t	· · · · · · · · · · · · · · · · · · ·	ired by the Provost
6) Evaluation of Reques		The by the morose
Recommended	Not Recommended	Evaluded from Policy (See E) A INI- D
	Approval is Conditional if any:	Excluded from Policy (Sec. 5), Approval Not Required
Tanana apon millo	pp. ora is conditional if any.	
7) Date	Office of the Provost (print)	Signature
	Josefyn Maher	7
10/23/12	JOCKIUM PIUNCY	Leavyn Maine

(4)	Last Name			(2) First Name			(3) Middle Initial
,	born			Ray			W (3) r flodie Initial
94	Employee ID (not S	SN) (5) Can	ipus Box #	(6) Are you here	on a visa?	· · · · · · · · · · · · · · · · · · ·	Y V
00	6- 007 - 575	35502		No _x_ Y		sa Type:	
(7)	ob Title	(8) Dep	artment/Program	(if applicable) (9) C			
Pr	ofessor	Aquati	c and Fishery	Sciences, College	of Environm	ent Main Ca	mnuc
(10)	FTE (if part time, in	dicate percentage)			vice Period	Circ i latti Ca	
	ull Time or P		%		nths or I	2 months	RECEIVED
(12)	Name of Organiza	tion for whom work wil	be performed			2 monuis	
		dota Water District					
f	Type of Organizati						
Pr	ivate: For-Profit	Private: Not	-For-Profit	Public: Federa	<u> </u>	Public: State	- Academic HR
(14)	Category of Activit	cy (check all that apply)		raviic. redera		rabile. State	_A Public: Local
	Professional/Priva	te Practice Perfor	ming Arts x C	Consultant Spea	ker Boar	d Member	_ Editor Expert Witnes
	Professional/Contin	uing Education Scien	tific/Technical/Ex	pert Advisor Re	eviewer (Other:	_ cartor expert vvitnes
(15)	Period of Work (de	ate range must fall within o	one academic year,	, 7/1-6/30)	(16)	Number of Day	s Requested for Activity
	m (mm/dd/yyyy):	09/01/2012	To (mm/dd			10	o recorded for Accivity
(17)	Provide a brief abst	ract of the activities to b	e performed				
	Evaluate sta	tus of delta smelt ar	nd chinook salı	mon in California	as impacted	hy water wit	-hdrawale
							al documentation below
(19a) (20a) (21a) (22a) (23a) (24a) (25a) (26a) (27a) (18b)	Yes X No Yes _X No Yes	for which the work is to Do you, your spouse or work is to be performed Do you, your spouse or organization? Do you, your spouse or Will this activity result in University of Washingto Will this activity result in mot yet disclosed to the Will this activity result in Will you receive, or do y Will this activity require Will University of Washingto Will this activity require Will University of Washingto Organization of Washington or significant other, o	significant other, a significant other, all significant other, all significant other, a significant other, a the transfer or a significant other, a the transfer or a significant other, and the transfer or a significant of the transfer or a significant or anticipate receithat you conduct that you conduct angton employees	or your children have or your children have or your children have use of technology, infoicly available? use of discoveries, soft shington? use of intellectual propeiving, research fundir original research?	an ownership I a managemen icipate in the o a continuing a brimation or oth tware, database perty obligated ig from the org	or deeper involution with a position with a position with a position with a position of the po	obvement with the organization the organization for which the day operations of the the the organization? property developed at the rother intellectual property
19b) [erfori	Do you, your spous med? If YES, please NO	e or significant other, or describe the position.	your children ho	ld a management posi	tion with the o	rganization for	which the work is to be
	o you, your spouse e this participation.	or significant other, or	your children par	ticipate in the ongoing	g day-to-day op	perations of the	organization? If YES, please
20b) D escrib	NO						

	publicly available? If YES, please explain.	ation or other intellectual property developed at the University of
NO		
(22h) \A/ill ship position		
	esuit in the transfer or use of discoveries, softwai ngton? If YES, please explain.	re, databases, inventions or other intellectual property not yet disclosed
NO		
	esult in the transfer or use of intellectual propert	y obligated or licensed to another entity? If YES, please explain.
NO		
(25b) Will you receive.	or do you anticipate receiving, research funding fr	rom the organization? If YES, please explain.
NO	, , , , , , , , , , , , , , , , , , , ,	
(26b) Will this activity re	equire that you conduct original research? If YES,	please explain.
NO		
(27b) Will University of '	Washington employees or students be involved?	If YES, please explain.
NO	9	
(28b) Additional informa	ation or details regarding items 17-27 above.	
The Statements above ar	e truthful to the best of my knowledge. With this	s request for outside work, I acknowledge that I am bound by and I agree
		ecutive Order 36) ("Policy"), as it may be amended from time to time. In
		reate to the UW Center for Commercialization, including any that I y assign to the University all my rights in any intellectual property to
		I created such intellectual property in the course of my University
activities or responsibiliti	es or with more than incidental use of University	resources.
(29) Date	Applicant (print)	Signature
l September 2012	Ray Hilborn	1 Cas HULL
	DV TILE DED 1 DE 1 DE 1 DE 1 DE 1 DE 1 DE 1 D	, , , ,
	BY THE DEPARTMENT CHAIR/PROGRA t by Department Chair/Program Director	M DIRECTOR:
X Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature
`, `, , 	André Punt	DO NOV
	BY THE DEAN/CHANCELLOR/VICE PRO	OVOST:
	t by Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(33) Date	Dean/Chancellor/Vice Provost (print)	Signature
10/15/12	Lisa Graumlich ha	rlene Feikema delekema
	BY THE OFFICE OF THE PROVOST:	Tomor Control Control
(34) Evaluation of Reques	t by the Office of the Provost	
Review Required by t		by the Provost
36) Evaluation of Requesi	t by the Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
Requirements upon which	Approval is Conditional if any:	
	Off (4) D	Carry
37) Date	Office of the Provost (print)	Signature
10/23/12	Jocetun Manur	July Mar

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT.

(1) Last Name	THE APPLICANT:			
Hilborn		(2) First Name		(3) Middle Initial
(4) Employee ID (not SSN)	(5) Comp. 19. 44	Ray		W
866-007-575	(5) Campus Box #	(6) Are you here on a v	***************************************	
(7) Job Title	355020	No _x_ Yes _	_ Visa Type:	
Professor	(8) Department/Program	n (if applicable) (9) College	/School/Campus	RECEIVE
(10) FTE (if part time, indicate	Aquatic and Fishery	Sciences, College of En	vironment Main Campus	THE STATE OF THE S
	percentage)	(11) Service Pe	riod	OCT : 12 201
X Full Time or Part Ti	me %	X 9 months	or 12 months	- OCT 17 2012
McKinzie and Company	or whom work will be performed			Acci
(13) Type of Organization (se				Academic H
(14) Category of Activity (che	Private: Not-For-Profit	Public: Federal	Public: State	Public: Local
Professional/Private Pra	ctice Porfermin A			
Professional/Continuing F	ctice Performing Arts C ducation X Scientific/Technical/Expe	Lonsultant _ Speaker	Board Member Editor	r Expert Witnes
	ge must fall within one academic year,		Other:	
			(16) Number of Days Reque	ested for Activity
	09/01/2012 To (mm/dd/ f the activities to be performed	/yyyy): 06/30/2013	2	
Prepare summar	v of what is known above by	6		
, opai e samma	y of what is known about blue	efin tuna populations		
(19a) Yes X No Do yo work (20a) YesX No Do yo organi (21a) YesX No Do yo (22a) YesX No Will the Univer (23a) YesX No Will the not yet (24a) YesX No Will the (25a) YesX No Will yo (26a) YesX No Will yo (26a) YesX No Will Univer (18b) Do you, your spouse or see your seed of the solution of t	bu, your spouse or significant other, inch the work is to be performed? bu, your spouse or significant other, is to be performed? u, your spouse or significant other, is to be performed? u, your spouse or significant other, is activity result in the transfer or u sity of Washington that is not public is activity result in the transfer or us disclosed to the University of Washis activity result in the transfer or us u receive, or do you anticipate receive activity require that you conduct of the control of the work of Washington employees of the control of Washington employees of the control of Washington employees of the please describe the relationship, in	or your children hold a man or your children participate or your children have a cont use of technology, informationally available? use of discoveries, software, othington? use of intellectual property obeiving, research funding from original research?	agement position with the orga- in the ongoing day-to-day oper inuing advisory role with the o n or other intellectual property databases, inventions or other i oligated or licensed to another the organization?	anization for which the rations of the rations of the reganization? y developed at the intellectual property entity?
NO	inificant other, or your children hold be the position. nificant other, or your children parti			
1b) Do you, your spouse or sign le. NO	ificant other, or your children have	a continuing advisory role w	ith the organization? If YES, pl	lease describe this
			- Charles and the Control of the Con	1

(22b) Will this activity r Washington that is not		
NO		-
	esult in the transfer or use of discoveries, software ngton? If YES, please explain.	e, databases, inventions or other intellectual property not yet disclosed t
NO	ingeon. Il 120, preude explain.	
(24) \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	the state of the s	obligated or licensed to another entity? If YES, please explain.
NO	esult in the transfer or use of intellectual property	obligated of licensed to another entity: If 123, please explain.
	or do you anticipate receiving, research funding fro	om the organization? If TES, please explain.
NO		
(26b) Will this activity r	equire that you conduct original research? If YES, I	please explain.
NO		
	Washington employees or students be involved? I	f YES, please explain.
NO		
(28b) Additional inform	ation or details regarding items 17-27 above.	
The Statements above a	re truthful to the best of my knowledge. With this	request for outside work, I acknowledge that I am bound by and I agree cutive Order 36) ("Policy"), as it may be amended from time to time. In
accordance with this Pol	icy, I will disclose all inventions and discoveries I cr	reate to the UW Center for Commercialization, including any that I
create in connection wit	h any outside work. I agree to assign and I hereby	assign to the University all my rights in any intellectual property to created such intellectual property in the course of my University
activities or responsibilit	ies or with more than incidental use of University i	resources.
(29) Date	Applicant (print)	Signature / /
l September 2012	Ray Hilborn	Kay Holls
TO BE COMPLETED	BY THE DEPARTMENT CHAIR/PROGRAI	M DIRECTOR:
	st by Department Chair/Program Director	
	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date		
10/09/12	Department Chair/Program Director (print)	Signature
	ST André Punt	Signature
(SE) Etaladelell Striegas	ST André Punt BY THE DEAN/CHANCELLOR/VICE PRO	Signature
Recommended	ST André Punt BY THE DEAN/CHANCELLOR/VICE PRO st by Dean/Chancellor/Vice Provost	Signature QNY VOST:
Recommended (33) Date	ST André Punt BY THE DEAN/CHANCELLOR/VICE PRO	Signature
(33) Date	ST André Punt BY THE DEAN/CHANCELLOR/VICE PRO st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) ,	Signature WOST: Excluded from Policy (Sec. 5), Approval Not Required Signature
(33) Date 10/15/12 TO BE COMPLETED	BY THE DEAN/CHANCELLOR/VICE PROS st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Dar BY THE OFFICE OF THE PROVOST:	Signature WOST: Excluded from Policy (Sec. 5), Approval Not Required Signature
(33) Date /O/15/12 TO BE COMPLETED (34) Evaluation of Reque	BY THE DEAN/CHANCELLOR/VICE PROSE by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Grammlich Dar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost	Signature WOST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Aflikuma
(33) Date /O/15/12 TO BE COMPLETED (34) Evaluation of Reque Review Required by	BY THE DEAN/CHANCELLOR/VICE PROst by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Sar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost The Provost Review Not Required by	Signature WOST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Aflikuma
(33) Date /O/15//2_ TO BE COMPLETED (34) Evaluation of Reque Review Required by (36) Evaluation of Reque	BY THE DEAN/CHANCELLOR/VICE PROSE st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Sar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost the Provost Review Not Required to the provost to by the Provost	Signature OVST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Afeldema by the Provost
(33) Date /O/15//2_ TO BE COMPLETED (34) Evaluation of Reque Review Required by (36) Evaluation of Reque Recommended	BY THE DEAN/CHANCELLOR/VICE PROSE st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Sar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost the Provost Review Not Required by the Provost Not Recommended	Signature WOST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Aflikuma
(33) Date /O/15//2_ TO BE COMPLETED (34) Evaluation of Reque Review Required by (36) Evaluation of Reque Recommended	BY THE DEAN/CHANCELLOR/VICE PROSE st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Sar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost the Provost Review Not Required to the provost to by the Provost	Signature OVST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Afeldema by the Provost
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(33) Date /O/15//2_ TO BE COMPLETED (34) Evaluation of Reque Review Required by (36) Evaluation of Reque Recommended	BY THE DEAN/CHANCELLOR/VICE PROSE st by Dean/Chancellor/Vice Provost Not Recommended Dean/Chancellor/Vice Provost (print) LISA Gramlich Sar BY THE OFFICE OF THE PROVOST: st by the Office of the Provost the Provost Review Not Required by the Provost Not Recommended	Signature OVST: Excluded from Policy (Sec. 5), Approval Not Required Signature Tene Ferkena Afeldema by the Provost

REQUEST for APPROVAL of OUTSIDE PROFESSIONAL WORK for COMPENSATION TO BE COMPLETED BY THE APPLICANT:

(I) Last Name	HE APPLICANT:			
Hilborn		(2) First Name		(3) Middle Initial
(4) Employee ID (not SSN)	(5) Campus Box #	Ray		W
866-007-575	355020	(6) Are you here on a		
(7) Job Title		No _x_ Yes	Visa Type:	RECEIVED
Professor	A quation and Find	m (if applicable) (9) College	e/School/Campus	
(10) FTE (if part time, indicate per	centage)	y Sciences, College of Er (11) Service F	nvironment Main Campus	APR 1 0 201:
X Full Time or Part Time	%			
(12) Name of Organization for w	hom work will be performed	/ / morars	or 12 months	Academic HR
Western Pacific Fisheries N	1anagement Council	*		
(13) Type of Organization (select	one)			
Private: For-Profit	Private: Not-For-Profit	_X Public: Federal	P. H.F. C.	
(14) Category of Activity (check of	ıll that abbly)			_ Public: Local
Professional/Private Practic	e Performing Arts	Consultant Speaker	Board Member Editor	
	ason	I/EXDERT ADVISOR Review	wer Other:	Expert Witness
(13) Teriod of VVork (date range r	nust fall within one academic yed	ar, 7/1-6/30)	(16) Number of Days Reques	tod for Activity
From (mm/dd/yyyy): 04/0	01/2013 To (mm/c		6	ted for Activity
(17) Provide a brief abstract of the	e activities to be performed			
Construct model of false ki	ller whale population dy	namics		
(19a) Yes X No Do you, y work is to (20a) Yes _X No Do you, y organization (21a) Yes _X No Do you, y (22a) Yes _X No Will this a University (23a) Yes _X No Will this a	our spouse or significant other on? our spouse or significant other our spouse or significant other other or of Washington that is not publicativity result in the transfer or iclosed to the University of Washington that is not publicativity result in the transfer or eceive, or do you anticipate restrivity require that you conduct risity of Washington employees	r, or your children hold a man, or your children participated r, or your children have a core use of technology, informational plicity available? The use of discoveries, software, fashington? The use of intellectual property of the ceiving, research funding from the coriginal research?	e in the ongoing day-to-day operantinuing advisory role with the original or other intellectual property databases, inventions or other inabligated or licensed to another enthe organization?	ations of the ganization? developed at the atellectual property entity?
(19b) Do you, your spouse or signifi performed? If YES, please describe t NO	- o position.			
20b) Do you, your spouse or signific escribe this participation.	ant other, or your children pa	articipate in the ongoing day-t	o-day operations of the organizations	rion) If YES places
escribe this participation. NO				n rea, piease
,				
11b) Do you, your spouse or signific ole.	ant other, or your children ha	ve a continuing advisory role	with the organization? If YES, ple	ease describe this
NO		and the second s		
			The state of the s	THE STOCKE SHAPE

(22b) Will this activity res	ult in the transfer or use of technology, information blicly available? If YES, please explain.	on or other intellectual property developed at the University of
NO NO	bilely available: if 125, picase explain.	*
INO		
(23b) Will this activity res the University of Washing	ult in the transfer or use of discoveries, software, ton? If YES, please explain.	, databases, inventions or other intellectual property not yet disclosed to
NO		
•	,	
(2.0)	this the transfer or use of intellectual property	obligated or licensed to another entity? If YES, please explain.
	uit in the transfer or use of interlectual property	Soligated of Heelised to another 1997
NO		
(25b) Will you receive, or	do you anticipate receiving, research funding from	m the organization? If YES, please explain.
NO		
(26h) Will this activity red	uire that you conduct original research? If YES, p	please explain.
NO	une triat you conduct original resources.	
110		
(27b) Will University of V	/ashington employees or students be involved? If	YES, please explain.
NO	and the second of the second o	All Commences of the Co
(28h) Additional informat	ion or details regarding items 17-27 above.	
(200) / Iddicional stroy		
, . •		
accordance with this Polic create in connection with which the University has a activities or responsibilitie	y, I will disclose all inventions and discoveries I cr any outside work. I agree to assign and I hereby	rutive Order 36) ("Policy"), as it may be amended from time to time. In reate to the UW Center for Commercialization, including any that I assign to the University all my rights in any intellectual property to created such intellectual property in the course of my University resources.
(29) Date 1 April 2013	Ray Hilborn	1/2 ////
1 April 2013	Nay I IIIDOI II	* Car Mell
TO BE COMPLETED I	BY THE DEPARTMENT CHAIR/PROGRAI by Department Chair/Program Director	M DIRECTOR:
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
(31) Date	Department Chair/Program Director (print)	Signature
4/3/13	André Punt	cops
TO BE COMPLETED I	BY THE DEAN/CHANCELLOR/VICE PRO	
(32) Evaluation of Request	by Dean/Chancellor/Vice Provost	
Recommended	Not Recommended	Excluded from Policy (Sec. 5). Approval Not Required
(33) Pate,	Dean/Chancellor/Vice Provost (print)	Signature
4/9/2013	LICA GPANNICH	Wer and
TO BE COMPLETED	BY THE OFFICE OF THE PROVOST:	
	by the Office of the Provost	
Review Required by the		by the Provost
(36) Evaluation of Request		Firehold from Policy (Soc 5), Approval Not Required
Recommended	Not Recommended	Excluded from Policy (Sec. 5), Approval Not Required
Requirements upon which	Approval is Conditional if any:	
(37) Date	Office of the Provost (print)	Signature
		Jacque mer
4/12/13	Josefyn Maher	/ July / / w