

Kai M. A. Chan

UBC Curriculum Vitae for Faculty Members

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1-4. Basic Information

Surname	Chan	First Name	Kai Ming
Middle Name(s)	Adam		
Department/School	Institute for Resources, Environment, and Sustainability		
Faculty	College for Interdisciplinary Studies		
Present Rank	Associate Professor	Since	2010

5. Education

a) Degrees

Institution	Degree	Major	Dates	
			Start	End

Institution	Degree	Major	Dates	
			Start	End
Princeton University	Ph.D.	Ecology and Evolutionary Biology	May, 1999	Aug, 2003
Princeton University	M.A.	Ecology and Evolutionary Biology	Sep, 1997	May, 1999
University of Toronto	B.Sc.	Ecology	Sep, 1993	May, 1997

b) Related Studies

Institution	Description	Dates	
		Start	End
Stanford University	Postdoctoral fellowship	Aug, 2003	Aug, 2005

c) Language Competencies

Spanish (Read Write Speak)

English (Read Write Speak Understand)

Title of Dissertation and Name of Supervisor:

"The Effects of Slightly Leaky Prezygotic Isolating Barriers and the Use of Phylogenetic Tree Shape to Study Diversification", Simon Levin

Special Professional Qualifications—N/A

6. Employment Record

a) Work prior to coming to UBC

Employer	Department	Position	Dates	
			Start	End
Stanford University	Center for Conservation Biology	Postdoctoral fellow	Aug, 2003	Aug, 2005

b) At UBC

Employer	Department	Position	Dates	
			Start	End
University of British Columbia	Institute for Resources, Environment, and Sustainability	Assistant Professor	Jul, 2005	Jul, 2010

c) Date of granting of tenure at UBC: July 1 2010.

7. Leaves of Absence

I took a 12-week parental leave from January 4 2009 to March 28 2009 to be primary caregiver to my daughter (born September 27 2008). I took a second 12-week parental leave from January 9 to April 2 2011 for my second daughter (born August 25 2010).

8. Teaching & Supervision

b) Courses Taught at UBC

Session	Course	Enrollment	Hours Taught/week			
			Lecture	Tutorial	Lab	Other
2010/2011W	ENVR 300 (Environmental Sciences II. An introduction to environmental research) [<i>co-taught** with Tara Ivanochko</i>]	40	3			Many*
2009/2010W	ENVR 300 (Environmental Sciences II. An introduction to environmental research) [<i>co-taught** with Tara Ivanochko</i>]	44	3			Many*
2009/2010W	RMES 500Z (Ecosystem Services from a City and University Perspective)	12	3			Many*
2009/2010W	RMES 500F (Human Dimensions of Conservation: Social and Biological Justice in the Design and Management of Protected Areas) [<i>co-taught** with Terre Satterfield</i>]	7	3			Many*
2008/2009W	RMES 500K (Ecosystem Services: Quantifying Nature's Bounty towards Better Environmental Decisions)	15	3			Many*
2007/2008W	ENVR 300 (Environmental Sciences II. An introduction to environmental research) [<i>co-taught** with Douw Steyn</i>]	34	3			1+ office
2007/2008W	RMES 500K (Ecosystem Services: Integrating Ecology, Economics, and Ethics for Better Environmental Decisions)	12	3			Many*
2006/2007W	RMES 500F (Human Dimensions of Conservation: Social and Biological Justice in the Design and Management of Protected Areas) [<i>co-taught** with Terre Satterfield</i>]	10	3			Many*
2006/2007W	RMES 500K (Ecosystem Services: Combining Ecology, Economics, and Ethics for Better Environmental Policies and Institutions)	12	3			Many*
2005/2006W	RMES 500F (Human Dimensions of Biological Conservation) [<i>co-taught** with Terre Satterfield</i>]	7	3			Many*

* I believe that students deserve copious feedback, so I provide this, and work closely with students to ensure that their projects are specifically suited for their research program and also useful to decision-makers (for whom students tailor their projects after extensive contact, and to whom they submit these projects after receiving feedback from me).

** In both RMES and ENVR, instructors receive full credit for co-taught courses due to their integrative interdisciplinary nature: both instructors are present and active in all classes (special circumstances excepting).

I have also taught several directed studies courses for undergraduates (see (ii) Supervised Undergraduate Students (directed studies, theses; see also (g) Employees Supervised)*) and one for a graduate student (Lara Hoshizaki).

c) Students Supervised and/or Co-supervised

(i) Supervised Graduate Students—all in Resource Management and Environmental Studies (RMES), UBC

Student	Degree	Status	Dates		Co-supervisor
			Start	End	
Gerald Singh	Ph.D.	Pre-candidacy	Jan, 2011		
Jordan Tam	Ph.D.	Pre-candidacy	Sep, 2010		Terre Satterfield
Sarah Klain	Ph.D.	Pre-candidacy	Sep, 2010		
Bertine Stelzer (visiting from Universität Oldenburg, Germany)	M.A.	In progress	Aug, 2010	Apr, 2011	Rashid Sumaila
Jordan Levine	Ph.D.	Post-candidacy	Sep, 2008		Terre Satterfield
Gerald Singh	M.Sc.	Complete	Sep, 2008	Dec, 2010	Chris Harley
Sarah Klain	M.Sc.	Complete	Sep, 2008	Oct, 2010	
Edward Gregr	Ph.D.	Pre-candidacy (passed comprehensive exams)	Sep, 2008		
Maria Espinosa	M.Sc.	Complete	May, 2008	Aug, 2010	
Megan Mach	Ph.D.	Post-candidacy	Sep, 2007		Colin Levings
Lara Hoshizaki	M.Sc.	Complete	Sep, 2006	Aug, 2009	Brian Klinkenberg
Veronica Lo	M.Sc.	Complete	Sep, 2006	Oct, 2009	Colin Levings

(ii) Supervised Undergraduate Students (directed studies, theses; see also (g) Employees Supervised)*

Student	Degree	Project Type	Major	Status	Institution	Dates		Co-supervisor
						Start	End	
Caitlin Millar	B.Sc.	Directed Study (6 credit)	Integrated Sciences	Completed	UBC	Sep, 2010	Dec, 2010	
Allison Thompson	B.Sc.	Undergraduate Thesis	Environmental Sciences	Completed	UBC	May, 2009	May, 2010	Rebecca Martone
Cody Solomon	B.Sc.	Undergraduate Thesis	Environmental Sciences	Completed	UBC	May, 2009	May, 2010	Rebecca Martone
Sarah Nyrose	B.Sc.	Directed Study	Environmental Sciences	Completed	UBC	Sep, 2009	Dec, 2009	Rebecca Martone
Genevieve Layton-Cartier	B.Sc.	Undergraduate Thesis	Forestry	Completed	UBC	Jan, 2008	May, 2008	Sarah Gergel
Kevin Ma	B.Sc.	Directed Study	Zoology	Completed	UBC	Sep, 2007	May, 2008	
Bessie Schwarz	B.A.	Summer Internship	Environmental Studies	Completed	Carleton College	May, 2007	Aug, 2007	Heather Tallis (Natural Capital Project)

* Directed studies and summer internship supervision are listed here because in these cases the supervision towards the research project was as or more intensive than for the supervision of undergraduate theses.

(iii) Advised Undergraduate Students (Program Guidance*)

Student	Degree	Program	Status	Institution	Dates		Co-supervisor
					Start	End	

Student	Degree	Program	Status	Institution	Dates		Co-supervisor
					Start	End	
Jonathan Lopez	B.Sc.	Integrated Sciences	In Progress	UBC	Mar, 2010		
Alexis Carter	B.Sc.	Integrated Sciences	In Progress	UBC	Jul, 2009		Rik Blok
Carmen Ho	B.Sc.	Integrated Sciences	In Progress	UBC	Aug, 2008		Rik Blok

* The Integrated Sciences program spans all departments in the Faculty of Science to provide students with individualized integrative educations. I serve as an advisor in this program, helping students design their program, select courses, and navigate their undergraduate education towards their purposes.

(iv) Graduate Students, Committee Membership

Student	Degree	Major	Status	Dates		Supervisor(s)
				Start	End	
Virginia Noble	M.Sc.	Zoology	In Progress	Sep, 2010		Diane Srivastava
Cathryn Clarke-Murray	Ph.D.	Earth & Ocean Sciences	Post-candidacy	Sep, 2006		Evgeny Pakhomov
Melissa Cuke	M.Sc.	Zoology	On hold	Sep, 2006		Diane Srivastava
Brett van Poorten	Ph.D.	Zoology	Post-candidacy	Sep, 2005		Carl Walters
Penny White	M.Sc.	RMES	In Progress	Sep, 2006		Chris Harley; switched to Charles Menzies in 2009
Jennifer Karmona	M.Sc.	RMES	Completed	Sep, 2004	Apr, 2007	George Hoberg

d) Continuing Education Activities and Courses Taught Outside UBC—N/A

e) Visiting Lecturer

Course	Number of lectures	Dates	Instructors
PLAN 545, Planning Studies Abroad:	1	2010	Tim McDaniels
RMES 530, Science, Policy and Values	1	2010	Terre Satterfield
University of Victoria, Restoration Institute (forum presenter, dialogue session leader)	1	2009	Val Schaefer & Eric Higgs
BIOL 442, Ethical Issues in Science	1	2009	Cathy Schuppli
ENVR 200, Environmental Science I	1	2007	Douw Steyn & Sara Harris
BIOL 416, Principles of Conservation Biology	10	2006, 2007, 2008, 2009, 2010 (2 in Mar & 2 in Oct)	Mark Vellend
CONS 101, Introduction to Conservation	4	2006, 2007, 2008, 2009	Peter Arcese x3; Sabrina Taylor
ZOOL 502, Ecology Seminar	4	2005, 2006, 2008, 2009	Jon Shurin; Diane Srivastava & Blake Matthews; Dilara Ally & Wendy Tymchuk; Jessica Purcell

f) Course Development

Title	Date First Taught	Dates		Co-developers
		Start	End	
RMES 500Z, Ecosystem Services from a City Perspective: Making Vancouver the World's Greenest City	Sep, 2009	Apr, 2009	Aug, 2009	
ENVR 300, Environmental Science II. An introduction to environmental research	Jan, 2008	Sep, 2007	Dec, 2007	Douw Steyn
RMES 500F, Human Dimensions of Conservation: Social and Biological Justice in the Design and Management of Protected Areas	Jan, 2006	Jan, 2006	Apr, 2006	Terre Satterfield
RMES 500K, Ecosystem Services: Combining Ecology, Economics, and Ethics for Better Environmental Policies and Institutions	Sep, 2006	Sep, 2006	Dec, 2006	

g) Employees Supervised

Employee	Type	Institution	Role	Dates		Co-supervisors
				Start	End	
Caitlin Millar	Lab Assistant	UBC	Primary Supervisor	Jan, 2011		Edward Gregr (while KC on parental leave)
Allison Thompson	Lab Assistant	UBC	Primary Supervisor	Sep, 2010	Dec, 2010	
Brent Chamberlain	Research Assistant	UBC	Primary Supervisor	Aug, 2010	Sep, 2010	
Emily Anderson Brent Chamberlain Carys Evans Natasha Sihota	Research Assistant	UBC	Primary Supervisor	Jan, 2010		
Christina Mak	Research Assistant (USRA*)	UBC (NSERC)	Primary Supervisor	May, 2010	Aug, 2010	Terre Satterfield
Allison Thompson	Research Assistant (USRA)	UBC (NSERC)	Primary Supervisor	May, 2010	Aug, 2010	
Giulia Bernardi	International Intern	UBC	Co-supervisor	Nov, 2009	Aug, 2010	Rebecca Martone
Jordan Tam	Research Assistant	UBC	Primary Supervisor	Sep, 2009	Apr, 2010	
Jonathan Anticamara	Postdoctoral Research Associate	UBC	Primary Supervisor	Jul, 2009	Apr, 2010	
Russell Markel	Research Assistant	UBC	Primary Supervisor	May, 2009		Jonathan Shurin
Christina Mak	Research Assistant (USRA)	UBC (NSERC)	Primary Supervisor	May, 2009	Aug, 2009	Jordan Levine
Sarah Nyrose	Research Assistant (USRA)	UBC (NSERC)	Primary Supervisor	May, 2009	Aug, 2009	Rebecca Martone
Rebecca Martone	Postdoctoral Research Associate	UBC	Primary Supervisor	Apr, 2009		

Employee	Type	Institution	Role	Dates		Co-supervisors
				Start	End	
Nathan Vadeboncoeur	Research Assistant	UBC	Primary Supervisor	May, 2008	Aug, 2009	
Kevin Ma	Research Assistant (USRA)	UBC (NSERC)	Primary Supervisor	May, 2008	Aug, 2008	
Natalie Ban Penny White	Research Assistant	UBC	Primary Supervisor	Mar, 2008	Feb, 2009	
Tania Weller	International Intern	UBC	Primary Supervisor	Jan, 2008	Apr, 2008	
Susanne Menzel	Visiting fellow	UBC	Co-supervisor	Feb, 2007	Aug, 2008	U. Rashid Sumaila
Bessie Schwarz	Research Assistant	The Natural Capital Project	Co-supervisor	Jun, 2007	Aug, 2007	Heather Tallis
Kevin Ma	Research Assistant	UBC	Primary Supervisor	May, 2007	Aug, 2007	

* "USRA" stands for "undergraduate student research award", an NSERC award that enables students to work with professors on their own research projects.

9. Scholarly and Professional Activities

b) Research or equivalent grants (*obtained competitively (C) or non-competitively (NC)*)

Granting Agency	Project Title	COMP	Amount (\$CDN)	Years		Investigators
				Start	End	
Peter Wall Institute for Advanced Studies	Cultural ecosystem services from marine and coastal systems (<i>Exploratory Workshop</i>) pending	C	20,000	2011	2012	Kai M. A. Chan (PI), Terre Satterfield
University of British Columbia Humanities and Social Sciences	What Helps and Hinders Environmental Scientists from Engaging in Policy? pending	C	7,000	2010	2011	Kai M. A. Chan
Social Sciences and Humanities Research Council of Canada (SSHRC)	Marine ecosystem-based management implementation workshop (<i>Workshops and Conferences</i>)	C	25,000	2011	2011	Kai M. A. Chan, 5 others on organizing committee
UK Natural Environment Research Council (NERC) Ecosystem Services & Poverty Alleviation (ESPA)	Just ecosystem management: Linking ecosystem services with poverty alleviation	C	393,000	2010	2012	Thomas Sikor (PI), 9 others incl. Kai Chan (co-PI)
Natural Sciences and Engineering Research Council of Canada (NSERC)	Cross-System Linkages and Ecosystem Services on the British Columbia Coast (<i>Undergraduate Student Research Award, USRA, for AT</i>)	C	4,500	2010	2010	Kai M. A. Chan
Hampton Research Endowment Fund	Ecosystem services, intangibility, and the importance of cultural considerations	C	14,000	2010	2012	Terre Satterfield (PI), Kai M. A. Chan
Department of Foreign Affairs and International	Developing approaches to include social considerations in	C	12,780	2010	2011	Natalie Ban, Kai M. A. Chan (co-PIs)

Granting Agency	Project Title	COMP	Amount (\$CDN)	Years		Investigators
				Start	End	
Trade (DFAIT)	environmental conservation: Ecosystem services and conservation planning					
Social Sciences and Humanities Research Council of Canada (SSHRC)	Ecosystem Services Provision as Decision Processes: Building on a Costa Rica Project (<i>International Opportunities</i>)	C	69,440	2010	2011	Tim McDaniels (PI), Kai M. A. Chan
University of British Columbia Humanities and Social Sciences	Transcontinental Collaboration for Cultural Ecosystem Services	C	7,000	2009	2010	Kai M. A. Chan
Natural Sciences and Engineering Research Council of Canada (NSERC)	Effects of otter-mediated trophic cascades on disease in fisheries (<i>Undergraduate Student Research Award, USRA, for SN</i>)	C	4,500	2009	2009	Kai M. A. Chan
Natural Sciences and Engineering Research Council of Canada (NSERC)	Effects of otter-mediated trophic cascades on local stakeholders (<i>Undergraduate Student Research Award, USRA, for CM</i>)	C	4,500	2009	2009	Kai M. A. Chan
Natural Sciences and Engineering Research Council of Canada (NSERC)	Biodiversity Research: Integrative Training & Education (<i>Collaborative Research and Training Experience Program</i>)	C	1,650,000	2009	2015	Sarah Otto (PI), Kai M. A. Chan, Sean Graham, Wayne Maddison, Loren Rieseberg, Dolph Schluter, Diane Srivastava, Curtis Suttle, Mark Vellend, Michael Whitlock
Natural Sciences and Engineering Research Council of Canada (NSERC)	Coastal Ecosystem Services amongst Trophic Cascades (<i>Strategic Projects Grant</i>)	C	630,255	2009	2012	Kai M. A. Chan (PI), Chris Harley, Evgeny Pakhomov, Jonathan Shurin
National Center for Ecological Analysis and Synthesis (NCEAS), USA	Cultural ecosystem services from marine and coastal systems: Counting the intangibles (<i>working group</i>)	C	(US\$) 73,650	2009	2011	Anne Guerry, Kai M. A. Chan (co-PIs)
David and Lucile Packard Foundation	Cross-system linkages and ecosystem services on the British Columbia coast	C	121,156	2009	2012	Kai M. A. Chan (PI), Rebecca Martone
Social Sciences and Humanities Research Council of Canada (SSHRC)	Quantifying Nature's Bounty: The Contribution of Marine Ecosystems to Local Communities (<i>Research Development Initiative</i>)	C	39,540	2009	2010	Kai M. A. Chan
The Nature Conservancy	BC Coastal Ecosystem Services (BCCES): Integrating Understanding for Better Management	NC	100,000	2008	2012	Kai Ming Chan
World Wildlife Fund Canada	BC Coastal Ecosystem Services (BCCES): Integrating Understanding for Better Management	NC	10,000	2008	2009	Kai M. A. Chan
Natural Sciences and Engineering Research	Coastal Ecosystem Services amongst Trophic Cascades	C	4,500	2008	2008	Kai M. A. Chan

Granting Agency	Project Title	COMP	Amount (\$CDN)	Years		Investigators
				Start	End	
Council of Canada (NSERC)	<i>(Undergraduate Student Research Award, USRA, for KM)</i>					
Canadian Bureau for International Education	Geography of Ecosystem Services on the West Coast of Vancouver Island	C	10,000	2008	2008	Kai M. A. Chan
Human Resources and Skills Development Canada	Surveying authors for abundance data of invasive organisms	C	4,320	2007	2007	Kai M. A. Chan
Natural Sciences and Engineering Research Council of Canada (NSERC)	What Makes Outbreaks Break Out? The Ecology and Evolution of Native and Non-Native Superabundance (<i>Discovery Grant</i>)	C	96,250	2007	2012	Kai M. A. Chan
Mathematics of Info Tech & Complex Systems	Conservation practices and the infection risk of tick-borne zoonotic diseases in the Southern Okanagan	C	15,000	2007	2008	Kai M. A. Chan (PI), Jack Teng
Canadian Foundation for Innovation	SuperAbundanceBase.org: Serving and Interpreting Biological Abundance Information (<i>Leaders Opportunity Fund, CRC</i>)	C	192,622	2006	2011	Kai M. A. Chan
Social Sciences and Humanities Research Council of Canada (SSHRC)	The Geography of Ecosystem Services in British Columbia (<i>Research Development Initiative</i>)	C	40,000	2006	2009	Kai M. A. Chan
Hampton Fund	Conservation Planning for Ecosystem Services (<i>Humanities and Social Sciences</i>)	C	35,620	2006	2009	Kai M. A. Chan
Teresa and H. John Heinz III Foundation	Crossing Disciplines To Inform Policy: The Origin and Maintenance Of Biodiversity	C	20,000	1999	2003	Kai M. A. Chan

c) Research or equivalent contracts (*obtained competitively (C) or non-competitively (NC)*)

Granting Agency	Project Title	COMP	Amount (\$CDN)	Years		Investigators
				Start	End	
UBC Sustainability Office	UBC Ecosystem Services Project	NC	20,000	2009	2010	Gunilla Öberg (PI), Kai M. A. Chan
Sage Foundation	Innovative Revenue Generation Project	NC	70,000	2008	2008	Kai M. A. Chan (PI), James Tansey
Nature Conservancy of Canada	Ecosystem Services in B.C.'s Central Interior Ecoregion	NC	20,000	2007	2008	Kai M. A. Chan

d) Presentations

(i) Invited

* = Most Significant; ** = Keynote

Note: In this section are several talks that I was invited to give but could not; these talks were delivered by others (as noted) based on a presentation that we prepared together.

Title	Conference or Event	Location	Organization	Date	Role
Ecosystem services—a dangerous but useful concept for conservation	Ecosystem Services and Ethics Workshop	Vilm, Germany	German Federal Agency for Nature Conservation, International Academy for Nature Conservation	Apr, 2011	Presenter
Tradeoffs and uncertainties in ecosystem management	Just Ecosystem Management consortium, inception meeting	East Anglia, England	Just Ecosystem Management consortium	Jan, 2011	Presenter
Ecosystem services: methods for inventories	Just Ecosystem Management consortium, inception meeting	East Anglia, England	Just Ecosystem Management consortium	Jan, 2011	Presenter
Make your scholarship application a knock-out	RMES Professional Development series	Vancouver, BC, Canada	Resource Management and Environmental Studies, UBC	Sep, 2010	Presenter
Research to facilitate sustainable futures, in support of decision-making	IRES Seminar Series	Vancouver, BC, Canada	Institute for Resources, Environment and Sustainability, UBC	Sep, 2010	Panel presenter
* Marine planning for ecosystem services and cultural values: a proposed framework	International Congress for Conservation Biology, symposium	Edmonton, AB, Canada	Society for Conservation Biology	Jul, 2010	Presenter
The Values of Salmon & Ideas for Enhanced Reflection in Policy	Speaking for the Salmon: Summit on Fraser River Sockeye Salmon, Understanding Stock Declines and Prospects for the Future	Vancouver, BC, Canada	Simon Fraser University	Mar, 2010	Presenter
An Interdisciplinary Living Lab Course: An Ecosystem Services Approach to Sustainability for UBC and Vancouver	IRES Seminar Series	Vancouver, BC, Canada	UBC	Mar, 2010	Main presenter
* Can environmental science save the world?	Killam Conversation	Vancouver, BC, Canada	UBC	Mar, 2010	Panel presenter
Interdisciplinary Transacademic Education for Sustainability: Ecosystem Services as a Case Study	NOW! Climate Action Conference	Vancouver, BC, Canada	UBC	Mar, 2010	Panel presenter
Ecosystem services & impacts: local, remote, and global	Planning for Resilience Symposium	Vancouver, BC, Canada	School for Community and Regional Planning, UBC	Mar, 2010	Panel presenter
* Cultural Values & Ecosystem Services: Navigating Intangibility and Incommensurability	Environmental Norms, Institutions and Policies workshop series	Stanford, CA, USA	Humanities Center, Stanford University	Feb, 2010	Presenter

Title	Conference or Event	Location	Organization	Date	Role
Sea Otters, Kelp Forests, and Coastal Communities: Disentangling Values and Ecosystem Interactions	Fisheries Seminar	Vancouver, BC, Canada	Fisheries Centre, UBC	Jan, 2010	Presenter with Rebecca Martone (coauthor Russ Markel)
What is Resilience?	Resilient Ecosystems Workshop	Victoria, BC, Canada	Pacific Institute for Climate Solutions	Dec, 2009	Presenter
Ecosystem Services: An Approach to Sustainability	Campus Operational Sustainability Plan Workshop	Vancouver, BC, Canada	UBC	Dec, 2009	Presenter with four students
What are cultural ecosystem services and how can they better be integrated into the concept of ecosystem services?	Kerner von Marilaun Workshop: Landscape-based Cultural Ecosystem Services	Lunz, Austria	US National Science Foundation and Austrian Academy of Sciences	Nov, 2009	Presenter
* Sea Otters, Kelp Forests, and Coastal Communities: Disentangling Values and Ecosystem Interactions	Green College, Principal's Series	Vancouver, BC, Canada	Green College, UBC	Oct, 2009	Presenter with Rebecca Martone (coauthor Russ Markel)
Protecting ecosystem services and biodiversity in the world's watersheds	NCEAS Eco-lunch Seminar Series	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Aug, 2009	Presenter
Ecosystem Services: A Concept for Advancing Ecological Restoration	Restoration Institute, Forum	Victoria	University of Victoria	Jun, 2009	Presenter
* Coastal Ecosystem Services amongst Trophic Cascades	International Marine Conservation Congress, symposium	Washington, D.C., USA	Society for Conservation Biology	May, 2009	Lead (presented by Sarah Klain in my place)
How to Get past Doom & Gloom in the Environmental Movement: Advancing the Green Agenda	St. John's College Environmental Lecture	Vancouver	St. John's College, UBC	Apr, 2009	Presenter
Doors Left Open: Navigating a Career Path	RMES Professional Development seminar series	Vancouver	Resource Management and Environmental Studies, UBC	Apr, 2009	Panel presenter
Assessment of Practicality Part 2: Status of existing models and information on ecosystem services	Integrated Valuation of Ecosystem Services and Tradeoffs (InVEST) Planning Meeting	Sidney, BC	Natural Capital Project, Marine Initiative	Mar, 2009	Presented by Ed Gregr
Eco-Harmony: A Vision for a Sustainable, Achievable World" (Response to Nash's "Island Civilization")	Symposium "International Perspectives on Nature and Culture"	Vancouver	Institute for the Humanities at Simon Fraser University and the Western Humanities Alliance	Oct, 2008	Respondent

	Title	Conference or Event	Location	Organization	Date	Role
	Make Your Scholarship Application a Knock-Out	RMES Professional Development seminar series	Vancouver	RMES, UBC	Sep, 2008	Presenter
	Conservation Planning: Toward an Ecosystem-Based Approach	Board Meeting	Port Alberni	West Coast of Vancouver Island (WCVI) Aquatic Management Board (AMB)	May, 2008	Presenter
	Applied Environmental Ethics (Critical and Missing in Action): A Blueprint	UBC IRES Distinguished Seminar Series	Vancouver	Institute for Resources, Environment and Sustainability, UBC	Mar, 2008	Presenter
*	Missing stakeholders, culture, and recovery of sea otters	American Association for the Advancement of Science Annual Meeting	Boston, MA, USA	American Association for the Advancement of Science	Feb, 2008	Presenter
	Pacific Spirit Park and the Musqueam First Nation	Forestry Graduate Student Association panel	Vancouver	Faculty of Forestry, UBC	Dec, 2007	Panel presenter
	Science and citizenship	RMES Professional Development Series	Vancouver	RMES, UBC	Nov, 2007	Presenter
	Ecosystem services: Interdisciplinary research for wealth and well-being	UBC EOS Colloquium	Vancouver	Earth and Ocean Sciences, UBC	Nov, 2007	Presenter
	Supporting interdisciplinarity: challenges & opportunities for students and new faculty	UBC CFIS symposium, "Advancing Interdisciplinarity"	Vancouver	College for Interdisciplinary Studies, UBC	Nov, 2007	Panel presenter
	People & ecosystem services in coastal British Columbia	Natural Capital and People workshop	Stanford, CA, USA	The Natural Capital Project	Oct, 2007	Presenter, with Richard Jeo
	Research to Support Better Ocean Zoning: Potential Collaboration with the BC Coastal Ecosystem Services Project	Board Meeting	Port Alberni	West Coast of Vancouver Island (WCVI) Aquatic Management Board (AMB)	May, 2007	Presenter
**	Ecosystem Services and Agriculture in BC: Risks, Opportunities, and Social/Environmental Impacts	Investment Agriculture Foundation of BC Annual General Meeting	Vancouver	Investment Agriculture Foundation of BC	Apr, 2007	Presenter
	Ecosystem Services: BC's Future of Genuine Wealth	UBC Student Environment Centre Conference (Seeds for Change), also for Campbell River Environment Committee (Mar 23 2007), Quadra Island Sierra Club (Mar 24 2007), and West Coast of	Vancouver, Campbell River, Quadra Island, Port Alberni	Public	Jan, 2007	Presenter

Title	Conference or Event	Location	Organization	Date	Role
	Vancouver Island Aquatic Management board meeting (May 9 2007)				
Conservation Planning for Ecosystem Services	NCEAS working group "Ecosystem Services and Biodiversity, Quantitative Methods"	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Feb, 2006	Presenter
Conservation Planning for Ecosystem Services	NCEAS Eco-lunch Seminar Series	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Feb, 2006	Presenter
Conservation Planning for Ecosystem Services	Ecology, Evolution, and Biodiversity Seminar Series	Vancouver	UBC	Jan, 2006	Presenter
Leading across borders: a dialogue on conservation science leadership (Recommendations for change)	Society for Conservation Biology Annual Meeting	San Jose, CA, USA	Society for Conservation Biology	Jun, 2006	Presenter
Conservation planning and ecosystem services	NCEAS working group "Ecosystem Services and Biodiversity, China"	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Sep, 2005	Presenter, with Robin Naidoo
Conservation planning for ecosystem services	Conservation Incentives that Work for People on the Land	Stanford, CA, USA	The Nature Conservancy, World Wildlife Foundation, Stanford University, others	May, 2005	Presenter, with Rebecca Shaw
Detecting diversification rate variation in supertrees	SSE/SSB/ASN Annual Meeting	Chico, CA, USA	Society for the Study of Evolution / Society for Systematic Biology / American Society of Naturalists	Jun, 2003	Presenter, with Brian R. Moore
Integrating the ethics of ecological restoration into the science of ecological restoration, Response to Andrew Light	Princeton Ecology and Ethics Seminar Series	Princeton, NJ, USA	Princeton University	Apr, 2002	Commentator

(ii) Other

Note: This section includes talks I presented, talks that others gave on my behalf, and a selection of many talks others gave with me as a coauthor.

Title	Conference or Event	Location	Organization	Date	Role
The case for Homo Effectivus: integrating findings on human cognition into the study of social-ecological systems	Sustaining the Commons: Sustaining Our Future	Hyderabad, India	International Association for the Study of the Commons	Jan, 2011	Presented by Jordan Levine
Trading green backs for green crabs: potential impact of European green crab invasion on shellfish harvest in Puget Sound * Won best student poster award	Western Society of Naturalists Annual Meeting	San Diego, CA, USA	Western Society of Naturalists	Nov, 2010	Presented by Megan Mach

Title	Conference or Event	Location	Organization	Date	Role
A new ethical foundation for conservation	Intnt'l Congress for Conservation Biology	Edmonton, AB, Canada	Society for Conservation Biology	Jul, 2010	Presenter
Coastal ecosystem services amongst trophic cascades	Intnt'l Congress for Conservation Biology	Edmonton, AB, Canada	Society for Conservation Biology	Jul, 2010	Presented by Gerald Singh
Using ecosystem models for marine management	Intnt'l Congress for Conservation Biology	Edmonton, AB, Canada	Society for Conservation Biology	Jul, 2010	Presented by Maria Espinosa
A social-ecological history of the West Coast of Vancouver Island	Ecosystem Services and Indicators of Sustainability	Ouro Preto, Brazil	UNESCO Seminar on Biosphere Reserves	Apr, 2010	Presented by Jordan Levine
Using ecosystem models to predict effects of sea otters' reintroduction to the west coast of Vancouver Island	Fisheries and Marine Ecosystems	Vancouver, BC	Fisheries and Marine Ecosystems	Apr, 2010	Presented by Maria Espinosa
A social-ecological history of the West Coast of Vancouver Island	Barkley Sound Knowledge Symposium	Bamfield, BC	West Coast Aquatic	Feb, 2010	Poster presented by Gerald Singh
Using ecosystem models for marine management	Barkley Sound Knowledge Symposium	Bamfield, BC	West Coast Aquatic	Feb, 2010	Presented by Maria Espinosa
Decision-making for ecosystem services: values, process and structure	Barkley Sound Knowledge Symposium	Bamfield, BC	West Coast Aquatic	Feb, 2010	Poster presented by Jordan Tam
Opportunities for studying cultural ecosystem services in coastal British Columbia	NCEAS working group "Cultural ecosystem services from marine and coastal systems"	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Aug, 2009	Presented by Jordan Levine and Sarah Klain
What do we mean by cultural ecosystem services?	NCEAS working group "Cultural ecosystem services from marine and coastal systems"	Santa Barbara, CA, USA	National Center for Ecological Analysis and Synthesis	Aug, 2009	Presenter
Quantifying potential and effective propagule pressure of aquatic invasive species for Canadian shipping ports	Sixth International Conference on Marine Bioinvasions	Portland, OR, USA	Various	Aug, 2009	Presented by Veronica Lo
Protecting ecosystem services and biodiversity in the world's watersheds	ESA Annual Meeting	Albuquerque, NM, USA	Ecological Society of America	Aug, 2009	Presenter
Ballast Water and Aquatic Invasive Species in Canadian Ports	CAISN Annual General Meeting	Halifax	Canadian Aquatic Invasive Species Network	Apr, 2009	Presented by Veronica Lo
Ecosystem modeling to support marine management on the West Coast of Vancouver Island	Fisheries and Marine Ecosystems	Vancouver	Fisheries and Marine Ecosystems	Apr, 2009	Presented by Maria Espinosa
Trading green backs for green crabs; The potential impact of European green crab on shellfish harvest in Puget Sound	Puget Sound Georgia Basin Ecosystem Conference	Seattle, WA, USA	Various	Feb, 2009	Poster presented by Megan Mach

Title	Conference or Event	Location	Organization	Date	Role
Applied Environmental Ethics (Critical and Missing in Action)	SCB Annual Meeting	Chatanooga, TN, USA	Society for Conservation Biology	Jul, 2008	Presenter
Ecosystem services in the central interior of BC: A spatially explicit study of their value in conservation planning	SCB Annual Meeting	Chatanooga, TN, USA	Society for Conservation Biology	Jul, 2008	Presented by Lara Hoshizaki
Ethical Extensionism under Uncertainty of Sentience: Duties to Non-Human Organisms without Drawing a Line	Congress of the Humanities and Social Sciences	Vancouver	Canadian Society for the Study of Practical Ethics	Jun, 2008	Presenter
Value and advocacy in ecology and evolution: pitfalls, prospects, and CSEE policy	CSEE Annual Meeting	Vancouver	Canadian Society for Ecology and Evolution	Jun, 2008	Presenter
Marine ecosystem services as justification for conservation action in British Columbia	CZC Annual Meeting	Vancouver	Coastal Zone Canada	May, 2008	Presented by Natalie Ban
Marine Ecosystem Services in Clayoquot Sound, British Columbia	CZC Annual Meeting	Vancouver	Coastal Zone Canada	May, 2008	Presented by Genevieve Layton-Cartier
Elicitation of Abundance Data on Aquatic Invasive Species (AIS)	CZC Annual Meeting	Vancouver	Coastal Zone Canada	May, 2008	Presented by Kevin Ma
Modeling effective propagule pressure of aquatic invasive species to Canadian ports	CZC Annual Meeting	Vancouver	Coastal Zone Canada	May, 2008	Presented by Veronica Lo
Determining propagule pressure from aquatic invasive species in Canada using a GIS-based spatial analysis of ballast water discharges	Georgia Basin Puget Sound Research Conference	Vancouver		Mar, 2007	Presented by Veronica Lo
Conservation Planning for Ecosystem Services	Society for Conservation Biology Annual Meeting	San Jose	Society for Conservation Biology	Jun, 2006	Presenter
Predicting the effects of landscape management on tropical countryside biodiversity	Society for Conservation Biology Annual Meeting	New York	Society for Conservation Biology	Jul, 2004	Presenter
In search of a transitive population policy: debunking the mere addition paradox	PEI Advisory Council Meeting	Princeton	Princeton University	May, 2002	Presenter
Ecospecies & mitochondrial DNA integrity: The cichlid story you don't hear	SSE/SSB/ASN Annual Meeting	Knoxville	Society for the Study of Evolution / Society for Systematic Biology / American Society of Naturalists	Jun, 2001	Presenter
The differential effects of pre- and postzygotic RIMs on the introgression of mt vs. nuclear DNA	SSE/SSB/ASN Annual Meeting	Knoxville	SSE/SSB/ASN	Jun, 2001	Presenter

Title	Conference or Event	Location	Organization	Date	Role
Using more of the tree to detect differential diversification rates	SSE/SSB/ASN Annual Meeting	Knoxville	SSE/SSB/ASN	Jun, 2001	Presenter, with Brian R. Moore
Costly desires: Why markets and the gross satisfaction of desires is bad for us and worse for developing nations	PEI Advisory Council Meeting	Princeton	Princeton University	May, 2001	Presenter
Possible people as plaintiffs: A non-repugnant solution to the future individuals paradox	Australasian Association of Philosophy Annual Meeting	Brisbane	Australasian Association of Philosophy	Jul, 2000	Presenter
Models of cohesion mechanisms: The relative and absolute strength of reproductive isolation, assortative mating, and ecological differentiation	SSE/SSB/ASN Annual Meeting	Bloomington	SSE/SSB/ASN	Jun, 2000	Presenter
Null models of phylogenetic asymmetry and the estimation of cladogram probabilities	SSE/SSB/ASN Annual Meeting	Madison	SSE/SSB/ASN	Jun, 1999	Presenter, with Brian R. Moore
A proposed method for increasing the power and rigor of replicated tests of key innovation hypotheses: part I	SSE/SSB/ASN Annual Meeting	Madison	SSE/SSB/ASN	Jun, 1999	Presenter, with Brian R. Moore
Accounting for mode of speciation increases power and realism of tests of phylogenetic asymmetry	SSE/SSB/ASN Annual Meeting	Vancouver	SSE/SSB/ASN	Jun, 1998	Presenter, with Brian R. Moore

g) Conferences and Other Events

(i) Administration/Organization

	Conference or Other Event	Role	Date
	Ecosystem Services Research for Ecosystem-Based Management, with Megan Mach	Co-organizer	May 16, 2011
*	Marine Ecosystem-Based Management Implementation, with Heather Coleman	Co-organizer	May 9-10, 2011
*	Cultural ecosystem services from marine and coastal systems: Counting the intangibles (NCEAS working group) Meeting 3, with Anne Guerry	Co-organizer/lead	Feb 8-10 ^{**} , 2011
	Social considerations in conservation planning, with Natalie Ban	Co-organizer	Jul 9-10, 2010
*	Cultural ecosystem services from marine and coastal systems: Counting the intangibles (NCEAS working group) Meeting 2	Organizer/lead	Feb 23-5, 2010
*	Cultural ecosystem services from marine and coastal systems: Counting the intangibles (NCEAS working group) Meeting 1, with Anne Guerry	Co-organizer/lead	Aug 24-6, 2009

^{**} Because this previously scheduled meeting occurred during my parental leave, I attended as a volunteer.

(ii) Participation (those that I presented at are listed there and **not** again here)

Conference or Other Event	Location	Date
Marine Natural Capital (NCEAS working group) meeting 3	Seattle, WA, USA	Mar, 2010
Pacific Marine Analysis and Research Association (PacMARA) Ecosystem-Based Management (EBM) Challenge Dialogue Workshop	Sidney, BC	Mar, 2010

	Conference or Other Event	Location	Date
*	Towards a Science of Sustainability Conference (NSF workshop organized by Bill Clark and Simon Levin)	Washington, DC, USA	Dec, 2009
	Marine Natural Capital (NCEAS working group) meeting 2	Santa Barbara, CA, USA	Sep, 2009
	NMCA (National Marine Conservation Area) Science Network meeting	Vancouver	Apr, 2009
	Wilburforce Science Communications Workshop	Juneau, AK, USA	Apr, 2009
	Symposium "International Perspectives on Nature and Culture", Sponsored by the Institute for the Humanities at Simon Fraser University and the Western Humanities Alliance	Vancouver	Oct, 2008
	PWIAS Exploratory Workshop: "Interdisciplinary Approaches to Managing Human-Wildlife Interactions"	Vancouver	Nov, 2007
	PWIAS Exploratory Workshop: "Developing Sustainable Human-Natural Systems: The Greater Serengeti Ecosystem as a Case Study"	Vancouver	Oct, 2007
	Natural Capital and People workshop	Stanford, CA, USA	Oct, 2007
	Ecosystem Based Management Tools Network Meeting	Vancouver	Oct, 2007
	National Center for Ecological Analysis and Synthesis (NCEAS) working group on A Synthetic Approach to the Science of Ecosystem-Based Management of Coastal Marine Ecosystems	Santa Barbara, CA, USA	Jun, 2007
	Kathryn Fuller Science for Nature Symposium	Washington, DC, USA	Oct, 2006
	National Center for Ecological Analysis and Synthesis (NCEAS) working group on biodiversity and ecosystem services #3, "InVEST", the Integrated Valuation of Ecosystem Services Tool	Santa Barbara, CA, USA	Apr, 2007
	National Center for Ecological Analysis and Synthesis (NCEAS) working group on biodiversity and ecosystem services #2, tool development	Santa Barbara, CA, USA	Feb, 2006
	National Center for Ecological Analysis and Synthesis (NCEAS) working group on biodiversity and ecosystem services #1, China	Santa Barbara, CA, USA	Sep, 2005
	NAESI (National Agri-Environmental Standards Initiative) for Environment Canada	Vancouver	Feb, 2007
	NMCA (National Marine Conservation Area) Science Network meeting	Vancouver	May, 2007
	Faculty of Science Environmental Science Program	UBC, Vancouver	Sep, 2006
	Teaching and Academic Growth Instructional Skills Workshop	UBC, Vancouver	May, 2006

10. Service to the University

a) Memberships on committees

	Type	Committee Name	Role	Dates	
				Start	End
*	Department	IRES Graduate Awards Committee	Chair	Jun, 2009	Jun, 2010
*	University	South Campus Academic Planning	Member	May, 2009	Feb, 2011
	University	Communications Working Group, of the President's Advisory Council — Sustainability	Member	Sep, 2008	
	Department	EOS tenure track instructor for Environmental Science Program, Search Committee	Member	Mar, 2008	Dec, 2008
	Department	Internship Program Steering Committee	Member	Jun, 2008	Oct, 2008
	Department	Tenure Track Instructor Environmental Sciences Program Search Committee	Member	May, 2008	
	Department	Assistant Professorship Steering Committee	Member	Mar, 2008	Jul, 2008

Type	Committee Name	Role	Dates	
			Start	End
Department	IRES Graduate Awards Committee	Member	Oct, 2007	Jun, 2009
Department	Water & Sustainability Assistant Professorship Search Committee	Member	Sep, 2007	Mar, 2008
* University	Faculty of Graduate Studies Dean Search Committee	Member	Oct, 2006	May, 2007
University	Biodiversity Public Lecture Series Steering Committee	Member	Sep, 2006	Jun, 2009
Department	RMES Curriculum Committee	Member	Oct, 2005	Jun, 2008
Department	IRES Graduate Awards Committee	Member	Oct, 2005	Nov, 2005
Department	IRES Management Committee	Member	Aug, 2005	

b) Offices Held

* = Most Significant

	Organization	Office Name	Dates	
			Start	End
*	IRES	RMES Graduate Advisor	Jun, 2010	Jan, 2011
*	Biodiversity Research Centre	Internship Coordinator	Jan, 2009	

11. Service to the Community

a) Memberships on scholarly societies and other organizations

* = Most Significant

	Organization	Dates	
		Start	End
	Ecological Society of America (ESA)	Apr, 2009	
	Canadian Society for the Study of Practical Ethics (CSSPE)	Mar, 2008	
	Canadian Society for Ecology and Evolution (CSEE)	Jan, 2007	
*	Faculty of 1000 Biology	Jul, 2005	
	Society for Conservation Biology (SCB)	Sep, 2003	
	SSE/SSB/ASN	Feb, 1998	Feb, 2004

b) Memberships on scholarly and other committees

* = Most Significant

	Organization	Committee Name	Role	Dates	
				Start	End
*	Natural Sciences and Engineering Research Council of Canada (NSERC)	Scholarships and Fellowships Selection Committee – Earth Science and Ecology	Member	Jul, 2007	Jun, 2008

c) Offices Held

* = Most Significant

	Organization	Office Name	Dates	
			Start	End
*	Advisory Board, Faculty of 1000 (Ecology)	Advisor	Mar, 2009	
*	Canadian Parks and Wilderness Society, BC Chapter	Director	Jun, 2006	

Organization	Office Name	Dates	
		Start	End
Science in Policy	Senior fellow	Dec, 2003	Aug, 2005

d) Editorships

Journal	Press	# Reviewed or Refereed	Dates	
			Start	End
Conservation Biology (assigning editor)		1	2008	2008

e) Reviewer/Referee

(i) Journal (and Report) Reviewing/Refereeing

Journal (Report)	# Reviewed or Refereed	Dates	
		Start	End
Agriculture Ecosystems & Environment	1	2007	
AMBIO	1	2010	
Biological Conservation	4	2004	
Bioscience	5	2005	
Bulletin of the American Meteorological Society	1	2010	
Conservation Biology	5	2004	
Conservation Letters	5	2008	
David Suzuki Foundation and Western Canada Wilderness Committee (report)	1	May 2007	Jun 2007
Ecological Economics	7	2007	
Ecology and Society	4	2008	
Environmental Management	1	2006	
Evolution	2	2002	
Faculty of 1000 Biology	1	2010	
Journal of Applied Ecology	1	2008	
Journal of Applied Philosophy	9	2003	
Journal of Biogeography	2	2006	
Journal of Environmental Management	4	2006	
Landscape and Urban Planning	1	2008	
Oikos	1	2008	
Pacific Marine Analysis & Research Association (PacMARA) and World Wildlife Fund Canada	1	Nov 2009	Nov 2009
Public Library of Science (PLoS) One	1	2008	
Proceedings of the National Academy of Sciences (PNAS)	2	2008	
Proceedings of the Royal Society B (PRS B)	2	2010	
Wildlife Research	1	2008	

(ii) Conference Reviewing/Refereeing—N/A

(iii) Grant/Fellowship Application Assessment

Grant/Fellowship	Dept./Unit	Organization	# Assessed	Dates
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Description				Start	End
Program of Center of Excellence in Research		Chile's CONICYT	1	Jul, 2010	
WWF Fuller Postdoctoral and PhD Fellowships		World Wildlife Fund US	40	Mar, 2009	Mar, 2009
Supraindividual Biology		Hungarian Scientific Research Fund (OTKA)	1	Oct, 2009	
Strategic Projects Grant		Natural Sciences and Engineering Research Council (NSERC)	1	Jul, 2009	
NSERC Post-graduate Scholarship and Postdoctoral Fellowships		Natural Sciences and Engineering Research Council	140	Jan, 2007	Jul, 2007
National Fish and Wildlife Foundation (US)		National Fish and Wildlife Foundation (US)	1	Jun, 2006	

(iv) Promotion/Tenure Assessment—N/A

(v) Organizational Review—N/A

(vi) Faculty of 1000 Evaluations

Faculty of 1000 Biology is "a revolutionary online research service that comprehensively and systematically highlights and reviews the most interesting papers published in the biological sciences, based on the recommendations of a faculty of well over 2300 selected leading researchers" (<http://f1000biology.com/>). I was invited to serve as a faculty member in 2005, and have done so by reviewing and evaluating hidden jewels and recent-breaking papers (37 in total).

f) External examiner

Student	Role	Institution	Dept./Div.	Date
Lenore Burke	MA Examiner	UBC	RMES	Mar, 2010
Amelia MacRae	MSc Examiner	UBC	Land and Food Systems	Dec, 2009
Nathan Vadeboncoeur	MA Examiner	UBC	RMES	Aug, 2009
Sarika Cullis-Suzuki	MSc Examiner	UBC	Zoology	Aug, 2009
Kathryn Kuker	MSc Examiner	UBC	Zoology	Jul, 2008
KiJoo Han	PhD Comprehensive Examiner	UBC	Forest Resources Management, Faculty of Forestry	Jun, 2008
Ralph Wells	PhD Comp. Examiner	UBC	CACR, Faculty of Forestry	Jun, 2007
Kathryn Kirby	PhD Comp. Examiner	UBC	CACR, Faculty of Forestry	Dec, 2006

g) Advisory

(i) Consulting/Advising

	Description of Activity	Dept./Unit	Organization	Dates	
				Start	End
*	Marine Protected Areas (MPAs) Guidelines Committee		Multiple; coordinated by CPAWS	Dec 2010	
	Accountability Report stakeholder review		Mountain Equipment Co-	Nov	

Description of Activity	Dept./Unit	Organization	Dates	
			Start	End
		op (MEC)	2010	
Ecosystem-Based Management Challenge Dialogue, champion		Pacific Marine Analysis and Research Association (PacMARA)	Jul, 2009	
Ecosystem Services framework		Environment Canada	Dec, 2009	Dec, 2009
Accountability Report stakeholder review		Mountain Equipment Co-op (MEC)	May, 2008	Jun, 2008
Advising on the selection of areas for no-take zones within National Marine Conservation Areas (NMCAs)	NMCA Science Network	Parks Canada	May, 2007	
Life Sciences Tri-Mentoring Program (of undergraduate students)		UBC	Oct, 2006	May, 2007

(ii) Expert Witness—N/A

h) Interviews

(i) Broadcast

Topic	Interviewer	Program	Network	First Broadcast
Sea Otters on Vancouver Island	Dagmar Roehrlich	Radio & podcast	Deutschlandfunk (German public radio)	Oct 22, 2010
Ecosystem Services	Rebeka Ryvola	Blog (video)	Ubysey	Jan 31, 2010
Earth Day	Jennifer Palma	Morning News	Global TV BC	Apr 22, 2008
Sea otters and coastal communities	Scott Walker	On the Island	CBC Radio Victoria	Mar 5, 2008
Ecosystem services	Ray Grigg	Shades of Green	Campbell River TV	Mar, 2007
The new "rage" in Canada, eco-rage	Carly Walde	For the Record	Evolution Radio, 107.9FM, http://www.radiocfml.com/	Nov 6, 2006
Scientist Advocacy	Chuan-Mei Lee		KZSU 90.1 FM, Stanford University radio station	Nov 29, 2004

(ii) Textual

Topic	Interviewer	Forum	Publication Date
Learning to Share for the Sake of Nature	Dagmar Roehrlich	Goeth.de Blog	Oct 25, 2010
Possierlich und unerwünscht See-Otter haben sich vor Vancouver Island wieder angesiedelt	Dagmar Röhlich (Roehrlich)	Deutschlandfunk (German public radio)	Oct 22, 2010
Plastics in the ocean	Cigdem Iltan	Globe & Mail	Jul 26, 2010
Ecosystem services	Paige	Alternatives	May 26, 2010

Topic	Interviewer	Forum	Publication Date
	Olmsted		
Ecological Servitude	Rebeka Ryvola	Ubysey	Jan 31, 2010
Pricing Nature to Save It: Just some of what Canada's Boreal Forest does is said to be worth \$77 billion	Colleen Kimmett	The Tyeen	Jun 18, 2009
Return of the Native (sea otter)	Kristina Bandic	Frontier Magazine	Spring /Summer 2009
Factoring Biodiversity into Farming	Basil Waugh	UBC Reports, Trek Magazine	Feb 5, 2009, Spring 2009
Less recycling happens in multi-family dwellings	Nicole Tomlinson	Vancouver Sun	Oct 25, 2008
Multiple shades of green go digital and boom on the Web: Eco-awareness on the rise as more and more people go green in virtual forums	Melanie Kuxdorf	Vancouver Sun	Feb 23, 2008
Lecture focuses on value of nature		Campbell River Mirror	Mar 21, 2007
Scientists to gauge worth of nature	Deborah Jones	Globe & Mail	Nov 28, 2006
Ecosystem Services	Deborah Jones	Agence France Presse, United Press International; picked up by Discovery Channel, Science Daily, Scientific American, Seed magazine.com, Florida Political Gateway, Physorg.com, etc.)	Nov 1, 2006
Public Interest in 'Eagle-Cam'	Kim Westad	Times Colonist (Victoria)	Apr, 2006
TV promotes glitzy hunting	Pieta Woolley	The Georgia Straight	May 9, 2006
Eco-rage	Nicholas Read	Vancouver Sun	Nov 3, 2006
Clayoquot Sound Logging	Pieta Woolley	The Georgia Straight	Aug 17, 2006

i) Other

Role	Organization	Duties	Dates	
			Start	End
Invited environmental expert	InterAction Council High-Level Expert Group Meeting	Advised on the preparation and writing of the Chairman's Report	Mar, 2005	Apr, 2005

12. Awards and Distinctions

a) Awards for Teaching—N/A

b) Awards for Scholarship

Name	Type	Presenter	Amount (\$CDN)	Dates	
				Start	End
Howard Alper Postdoctoral Prize	Academic Prize	Natural Sciences and	20,000	2005	2005

Name	Type	Presenter	Amount (\$CDN)	Dates	
				Start	End
(declined)		Engineering Research Council of Canada (NSERC)			
Julie Payette-NSERC Research Scholarship	Scholarship	NSERC	50,000	2000	2002
NSERC Post Graduate Scholarship (PGS A)	Scholarship	NSERC	37,000	1998	2000
Tuition Scholarship	Scholarship	Princeton University	200,000	1997	2003
First Year Merit Fellowship	Scholarship	Princeton University	30,000	1997	1998
Provost's Scholar	Academic Prize	Trinity College	1,300	1997	1997
Canada Scholarship	Scholarship	Government of Canada	10,000	1993	1997

c) Awards for Service—N/A

d) Other Awards

* = Most Significant

	Name	Type	Presenter	Amount (\$CDN)	Dates	
					Start	End
	Office of the VP Research Proposal Development Award	Award	University of British Columbia	2,500	2008	2008
*	Canada Research Chair, Tier 2	Endowment	Natural Sciences and Engineering Research Council of Canada (NSERC)	500,000	2006	
*	Early Career Scholars (Junior)	Fellowship	Peter Wall Institute for Advanced Studies (PWIAS)	6,500	2006	2007
	NSERC Postdoctoral Fellowship (declined)	Postdoctoral Fellowship	NSERC	80,000	2005	2005
	Recruitment for Policy Leaders Program Recruit (Top)	Distinction	Canadian Public Service Commission		2005	2005
	Environmental Leadership Program (ELP) Fellowship	Fellowship	Environmental Leadership Program (ELP)	9,000	2004	2005
	Stanford Postdoctoral Fellowship	Postdoctoral Fellowship	Stanford University	113,000	2003	2005
	APGA Summer Travel Award	Award	Association of Princeton Graduate Alumni	750	2001	2001
	Science, Technology and Environmental Policy Fellowship	Fellowship	Princeton Environmental Institute	63,000	1999	2002
	U of T Alumni Association (UTAA) Scholar	Award	U of T Alumni Association (UTAA)	500	1997	1997
	NSERC Undergraduate Student Research Award	Award	NSERC	5,200	1995	1995
	8 undergraduate awards and scholarships	Award	Trinity College, U of T	2,000	1993	1997

Publications & Other Scholarly Output

Throughout: my name in **bold**; students or mentees in ***bold and italics***; international collaborators underlined (for articles published during appointment at UBC). In the fields of my research, author order is generally representative

of the relative contribution to the work, with first author having contributed most. For publications with several or numerous authors, after the first one or few, the remaining authors are generally listed in alphabetical order.

Refereed Publications

I have published 38 articles and book chapters in the academic press, mostly fully peer-reviewed, but some editorially reviewed (reviewed mainly by the editors). I have also published 1 conference paper and 6 editorially reviewed reports.

Journal Articles (32)

* = Most Significant

(i) Fully Peer-Reviewed [see also below for editorially-reviewed articles in peer-reviewed journals] (23)

23. **Espinosa-Romero, M.J., E. Gregr,** V. Christensen, C. Walters, and **K.M.A. Chan**. "Representing mediating effects and species reintroductions in Ecopath with Ecosim". *Ecological Modelling* (2011), 222: 1569-1579.
22. **Espinosa-Romero, M.J., K. M. A. Chan,** T. McDaniels, and D. Mullen-Dalmer. "Structuring decision-making for ecosystem-based management". *Marine Policy* (2011), 35: 575-583.
21. **Chan, K. M. A.** "Ethical Extensionism under Uncertainty of Sentience: Duties to Non-Human Organisms without Drawing a Line". *Environmental Values* (in press 2011).
20. **Chan, K. M. A.,** and M. Ruckelshaus, "Characterizing changes in marine ecosystem services". *F1000 Biology Reports* (2010), 2(54) doi: 10.3410/B2-54.
19. **Hagerman, S.,** H. Dowlatabadi, **K. M. A. Chan,** and T. Satterfield, "Propositions for adapting conservation policy to an era of change: an integrative synthesis of ecological and social insights". *Global Environmental Change* (2010) 20(2): 351-362 doi: 10.1016/j.gloenvcha.2009.11.002.
- * 18. Luck, Gary W., K. M. A. Chan, John P. Fay. "Protecting ecosystem services and biodiversity in the world's watersheds". *Conservation Letters* 2: 179-88 (2009) doi: 10.1111/j.1755-263X.2009.00064.x. [Recommended on Faculty 1000 Biology: <http://www.f1000biology.com/article/id/1163640/evaluation>]
17. **Hagerman, Shannon,** and **K. M. A. Chan**. "Climate change and reserve management: Impacts, implications and future research directions". *F1000 Biology Reports* 2009, 2:x. (2009) <http://www.F1000.com/Reports/Biology/content/2/x>. (invited review)
16. Manolis, Jim C., K. M. A. Chan, Scott Stephens, Myra E. Finkelstein, Cara R. Nelson, Jacqueline B. Grant and Michael P. Dombeck. "Leadership: A new frontier in conservation science". *Conservation Biology* 23.4: 879-86 (2009). doi: 10.1111/j.1523-1739.2008.01150.x.
15. Nelson, Erik, Guillermo Mendoza, Jim Regetz, Stephen Polasky, Heather Tallis, D. Richard Cameron, K. M. A. Chan, Gretchen C. Daily, Joshua Goldstein, Peter Kareiva, Eric Lonsdorf, Robin Naidoo, Taylor H. Ricketts and M. Rebecca Shaw. "Modeling multiple ecosystem services and tradeoffs at landscape scales". *Frontiers in Ecology and the Environment* 7.1: 4-11 (2009)
- * 14. **Chan, K. M. A.** and Gretchen C. Daily. "The payoff of conservation investments in tropical countryside". *PNAS* 105.49: 19342-7 (2008). [Recommended on Faculty 1000 Biology: <http://www.f1000biology.com/article/id/1138940/evaluation>]
13. **Ranganathan, Jai, K. M. A. Chan,** K. Ullas Karanth and James L. David Smith. "Where can tigers persist in the future? A landscape-scale, density-based population model for the Indian subcontinent". *Biological Conservation* 141 (2008): 67 - 77.
12. **Ranganathan, Jai, K. M. A. Chan** and Gretchen C. Daily. "Satellite detection of bird communities in tropical countryside". *Ecological Applications* 17.5 (2007): 1499-510.
- * 11. **Chan, K. M. A.,** R. M. Pringle, J. Ranganathan, C. L. Boggs, Y. E. Chan, P. R. Ehrlich, P. K. Haff, N. E. Heller, K. Al-Khafaji and D. P. MacMynowski. "When agendas collide: Human welfare and biological conservation". *Conservation Biology* 21.1 (2007): 59-68.
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