

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

1. **SURNAME:** Vincent

FIRST NAME: Amanda

Initials: ACJV

MIDDLE NAME(S): Claire Jane

Date: 15 October 2013

CONTACT DETAILS

Email: a.vincent@fisheries.ubc.ca

Website: www.projectseahorse.org

Twitter: @amandavincent1

2. **DEPARTMENT/SCHOOL:** Fisheries Centre

3. **FACULTY:** Science

4. **PRESENT RANK:** (1) Associate Professor (2) Director, Project Seahorse. Was Canada Research Chair in Marine Conservation (Tier II) from 2002-2012.

SINCE: July 2002

5. POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University of Cambridge, England (Corpus Christi College)	Ph.D	Zoology	1985 – 1990
University of British Columbia, Vancouver, Canada	M.Sc. incomplete	Zoology	1984 - 1985
University of Western Ontario, London, Canada	B.Sc	Zoology	1977 - 1981

Title of Ph.D. Dissertation and Name of Supervisor

Reproductive ecology of seahorses – Professor T.H. Clutton-Brock FRS

6. EMPLOYMENT RECORD

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Dept of Biology, McGill University, Montréal, Canada	<i>Associate Professor</i>	June 2001 – June 2003 (on leave July 2002 – June 2003)
McGill University, Montréal, Canada	<i>William Dawson Scholar (McGill's equivalent to Tier II Canada Research Chairs, for excellence)</i>	Jan. 2001 – June 2003

Dept of Biology, McGill University, Montréal, Canada	<i>Assistant Professor</i>	Sept. 1996 – May 2001
University of Oxford, UK	<i>Darwin Senior Research Fellow</i>	Oct. 1994 – 1996
Somerville College, University of Oxford and Department of Zoology, University of Oxford, UK	<i>Ernest Cook Research Fellows in Environmental Studies</i>	Oct. 1991 - 1994
Department of Zoology, University of Uppsala, Sweden	<i>Visiting scientist</i>	April – Sept 1991
Theoretical Ecology Working Group, Forschungszentrum Jülich, Germany	<i>Visiting scientist</i>	June – Dec 1990

(b) *At UBC*

Rank or Title	Dates
<i>Canada Research Chair in Marine Conservation (Tier II); Director, Project Seahorse; Associate Professor</i>	July 2002 – June 2012 (renewed in 2007)
<i>Faculty Associate: Institute for Resources, Environment and Sustainability</i>	2005 -
<i>Associate Member: Centre for Women's and Gender Studies (until 2012) then The Institute for Gender, Race, Sexuality and Social Justice (from 2012)</i>	2004 -
<i>Associate Member: Biodiversity Research Centre</i>	2003 -
<i>Associate Member: Department of Zoology</i>	2002-

(c) *Date of granting of tenure at U.B.C.:*

Arrived at UBC with tenure, July 2002

7. LEAVES OF ABSENCE

September 2011 to August 2012: Study / sabbatical leave

June to November 2009, February 2010: Maternity/parental and medical leaves (second child)

July to September 2007, February 2008, May 2008: Parental leave (first child)

8. TEACHING and TRAINING HQP

(a) *Areas of special interest and accomplishments*

I get great joy from teaching and training, and from the learning that goes with it. My passion for marine conservation is such that I want urgently to transfer the excitement to students, whether undergraduates in courses or graduate students embarking on new research opportunities. I see undergraduates as professionals waiting to burst out and graduate students as colleagues who collaborate on great scholarship. To that end, I treat all students with respect, as peers, and expect (and obtain) strong performances from them in exchange. Administrative circumstances mean I have just returned to teaching undergraduates, having launched a new BIOL 420 course in Ocean Conservation and Sustainability. I have a proud record in training other highly qualified personnel, from graduate students to postdoctoral fellows to field staff. In all trainees, I mentor intellectual development and build transferable skills that enhance their potential (and job prospects) in research, management and policy. See Doc 8 (ACJ Vincent teaching and training) for more information.

Graduate Advisor. Fisheries Centre. From January 2013.

- Held meetings open to all graduate students, catalysed and supported survey on graduate student satisfaction, addressed many concerns from individual students, updated records, initiated systemic changes in administrative matters, organized admissions, liaised with colleagues in Zoology and RMES programmes (through which our students are admitted).
- Organized and led one day faculty workshop on the future of the Fisheries Centre's graduate training. 18 April 2013.

Course development

Created BIOL 420 *NEW COURSE* (Ocean Conservation and Sustainability). Running for the first time in Fall 2013. I am the only professor and am delivering all lectures. Wrote extensive new syllabus, ushered it through senate approval, developed course, prepared lectures and tutorials, developed complementary Connect (Blackboard) site.

(b) Courses Taught at UBC (both graduate and undergraduate)
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Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
2013 F	BIOL 420 Ocean Conservation and Sustainability [new course]	60	21	24	36		
2013 F	FISH520	117	6	8	10		
2012 F	FISH520	117	10	6	7.5		
2012 F	EOSC 478 Introduction to Fisheries Science	Guest	c. 25	1			
2010 W	FISH 503	39	2		39		
2010 W	ENVR 200 Introduction to Environmental Science	Guest	c. 50	1			
2010 F	EOSC 478 Introduction to Fisheries Science	Guest	c. 25	1			
2010 F	BIOL 416 Conservation Biology	Guest	c. 50	1			
2008 W	BIOL 416 Conservation Biology	Guest	c. 50	1			

2008 F	EOSC 478 Introduction to Fisheries Science	Guest	c. 25	2			
2008 F	ENVR 200 Introduction to Environmental Science	Guest	c. 50	1			
2007 F	EOSC 478 Introduction to Fisheries Science	Guest	c. 25	2			
2006 W	ZOOL 502 Ecology Seminar	Guest	12	1			1
2006 W	EOSC 270 Marine Biodiversity	Guest	c. 80	1.5			
2006 W	EOSC 478 Introduction to Fisheries Science	Guest	c. 25	2			
2006 W	BIOL 416 Conservation Biology	Guest	c. 50	1			
2006 F	LAW 396 Fisheries law	Guest	15	2			
2006	Marine Conservation Biology, Bamfield Marine Sciences Centre	Guest	25	1			
2005 W	FISH 503	39	5	6	39		
2005 W	BIOL 416	Guest		1			
2005 W	FRST 495	Guest		1			
2005 W	EOSC 478	Guest		2			
2005 F	ZOOL 502	Guest		1			
2004 W	FISH 503	39	8		39		
2004 F	ZOOL 502	Guest		1			
2004 F	BIOL 416	Guest		1			
2003 W	FISH 503	36	7		36		
2003 W	FRST 495	Guest		1			
2003 W	FISH 500	Guest					3
2003 F	BIOL 416	Guest		1	2		
2002 W	FISH 503	39	12		39		
2002 W	FISH 506	Guest		2			
2002 F	BIOL 416	Guest		2			

Other Contributions at the University of British Columbia

- SCIE 300 *Communicating Science*: Served as featured researcher in 2012 and 2013

(b) (ii) Courses Taught at McGill

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
2002 S	Applied tropical ecology field course 334B	2 weeks	21				130 hours field training
2002 W	Political ecology 535B	39	16		39		
2001 F	Aquatic conservation 460A/560A	52	18	26	26		
2001 W	Political ecology 535B	39	12		39		
2000 F	Aquatic conservation 460A/560A	52	17	26	26		
2000 W	Political ecology 535B	39	16		39		
1999 F	Aquatic conservation 460A/560A	52	17	26	26		
1999 S	Ecology and Behaviour field course 331A	6 days	16				60 hours - field training
1998 F	Aquatic conservation 460A/560A	52	10	26	26		
1997 F	Aquatic conservation 460A/560A	52	33	26	26		
1997 W	Political ecology 535B	39	14		39		

(c) Graduate Students Supervised and/or Co-Supervised

NB: Personal scholarships are listed in footnotes.

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Tanvi Vaidyanathan	PhD - Zoology	Sept 2013		Amanda Vincent	
Xiong Zhang	PhD - Zoology	Sept 2013		Amanda Vincent	
Allison Stocks	MSc - Zoology	Sept 2013		Amanda Vincent	Sarah Foster
Ting-Chun Kuo ¹	PhD - Zoology	Sept 2012		Amanda Vincent	
Julia Lawson	MSc - Zoology	Sept 2012		Amanda Vincent	Sarah Foster
Kyle Gillespie	MSc - Zoology	Sept 2012		Amanda Vincent	
Lindsay Aylesworth	PhD - Zoology	Jan 2012		Amanda Vincent	
Danika Kleiber ²	PhD - RMES	Sept 2009		Amanda Vincent	Leila Harris
Jennifer Selgrath ³	PhD - Zoology	Sept 2006	Near-fatal accident delaying completion	Amanda Vincent	
Iain Caldwell ⁴	PhD - Zoology	Sept 2006	Dec 2012	Amanda Vincent	
Kerrie O'Donnell ⁵	PhD - Zoology	Sept 2005	Nov 2011	Amanda Vincent	
James Hehre ⁶	PhD - Zoology	Sept 2009	Sept 2011 *	Amanda Vincent	
Sarah Foster ⁷	PhD - RMES	Sept 2004	Sept 2009	Amanda Vincent	
Marivic Pajaro ⁸	PhD - RMES	Jan 2002	Aug 2009	Amanda Vincent	Monica Mulrennan
Jonathan Anticamara ⁹	PhD - RMES	Sept 2001	Feb 2009	Amanda Vincent	

¹ Government of Taiwan Research Scholarship

² SSHRC Four year Doctoral Fellowship, UBC Four Year Fellowship (declined), UBC RMES Entrance Scholarship, Simons Foundation Doctoral Scholarship (declined).

³ Fulbright Scholarship (Philippines), UBC Four Year Fellowship, UBC University Graduate Fellowship

⁴ NSERC PGS B scholarship and IODE War Memorial Scholarship. Now sessional lecturer at University of Hawaii.

⁵ UBC Graduate Entrance Scholarship and National Science Foundation (USA) Graduate Research Fellowship. Now Research Coordinator, Fisheries & Marine, EcoTrust Canada.

⁶ UBC Four Year Fellowship. Now PhD student at the University of Western Australia.

⁷ NSERC PGS B scholarship and IODE War Memorial Scholarship. Now Research Associate, Project Seahorse, UBC.

⁸ Now Manager, Research Department, Haribon Foundation for the Conservation of Natural Resources, Philippines. [oldest and strongest environmental NGO in the country]

⁹ Now Assistant Professor at the Institute of Biology, College of Science, University of the Philippines, Quezon City.

Eulalio Guieb ¹⁰	Ph.D (McGill)	Jan 2002	Dec 2008	Colin Scott	Amanda Vincent Monica Mulrennan
Natalie Ban ¹¹	PhD - RMES	Sept 2003	Aug 2008	Amanda Vincent	
Louise Blight ¹²	PhD - Zoology	Jan 2007	Feb 2008 *	Amanda Vincent	
Sian Morgan ¹³	Ph.D. (McGill)	Sept 1999	Dec 2007	Amanda Vincent	Donald Kramer
Mary Cashman ¹⁴	PhD - Zoology	Sept 2003	May 2005 #	Amanda Vincent	
Janelle Curtis ¹⁵	Ph.D. (McGill)	Jan 2000	Dec 2004	Amanda Vincent	
Sara Lourie ¹⁶	Ph.D (McGill)	Sept 1998	June 2004	Amanda Vincent	
Alex Tewfik ¹⁷	Ph.D. (McGill)	Sept 1999	Dec 2000 *	Amanda Vincent	
Stephen Casey ¹⁸	Ph.D. (ZSL & London)	Oct 1995	Jan 2000	Helen Stanley	Amanda Vincent Heather Koldewey

* Changed supervisors as the project evolved in directions that would be better supported by a colleague.

Left for personal reasons.

NOTE: Almost all students obtained research funds in competitive grant competitions. I require PhD students to generate their own research money (with my support and guidance), on the basis that fund raising is as an essential transferrable skill that I can help cultivate. This is a successful approach. For example, Lindsay Aylesworth (current PhD student) has won >\$40,000 in competitive grants for her PhD field expenses.

MSc students supervised for research component of course

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		

¹⁰ Now Associate Professor at the College of Mass Communication, University of the Philippines, Quezon City

¹¹ NSERC Industrial Postgraduate Fellowship, NSERC PGS B scholarship and Canon National Park Science Scholarship. Now Assistant Professor, University of Victoria, Canada

¹² NSERC PGS B scholarship. Now PhD student, Faculty of Forestry, UBC.

¹³ NSERC NSERC PGS A and PGS B scholarships and McGill Major Fellowship. Now Lead Auditor, Scientific Certification System [reforming fisheries and aquaculture via third party certification], USA.

¹⁴ National Science Foundation (USA) Graduate Research Fellowship. Now at home for personal reasons..

¹⁵ NSERC PGS B scholarship, McGill Major Fellowship, FCAR Québec scholarship. Now Senior Research Scientist, Department of Fisheries and Oceans, Pacific Biological Station, Nanaimo, BC, Canada

¹⁶ Commonwealth Scholarship, Leverhulme Foundation (UK) scholarship, McGill-Canada Trust scholarship, McGill Major Fellowship. Now at home for personal reasons.

¹⁷ McGill Major Fellowship and Faculty of Graduate Studies and Research Award. Now Postdoctoral Fellow, John G. Shedd Aquarium, Chicago, USA.

¹⁸ NERC studentship (UK).

* transferred to other project/supervisor more closely aligned with interests

withdrew for personal reasons

Lucas Powers	Masters in Journalism, The University of British Columbia	2013	2013	David Rummel	
Katharine West	MSc. Conservation Science (Imperial College London, UK)	2012	2012	Amanda Vincent	Chris Ransom (ZSL, UK) Pia Orr (Imperial College London, UK)
Nelson Perante	M.Sc. (San Carlos University Philippines)	1996	1999		Amanda Vincent

(d) *Continuing Education Activities*

MPhil Conservation Leadership. University of Cambridge, UK.
Mentored students during my sabbatical year in Cambridge

Postdoctoral Fellows Professional Development Initiative

Thriving in the First Five Years in Academia (54 graduate students for 2.5 hours) March 2011
Grant Writing: An Introduction for Postdocs (54 graduate students for 2 hours) March 2011, June 2011

Faculty of Graduate Studies Professional Development Initiative

Communicating your research for funding and influence (32 graduate students for 7 hours each time)
May 2003, May 2005, November 2005, December 2005, March 2006 (x2), September 2006, March 2007, April 2008, October 2008, March 2009

IRES/RMES Professional Development Initiative

Women in Academia - International Women's Day (9 March 2009)
The Ins and Outs of Grant Writing (4 April 2007 & 13 Feb 2008)

UBC Continuing Studies: Imagining a Sustainable Future Series

The World as an Onion, with Seahorses at the Centre – 16 April 2008

(e) *Visiting Lecturer (indicate university/organization and dates)*

(f) *Training and supporting other highly qualified personnel (* co-supervision or indirect supervision)*

Research associates

Dr. Sarah Foster	Marine trade, policy and bycatch	Jan 2010 -
Dr. Maï Yasué	Community-based conservation	Aug 2008 -
Dr. Philip Molloy	Marine protected areas	Feb 2012 – Sept 2012
Dr. Keith Martin-Smith	Australian issues	Aug 2000 – May 2007

Dr. Jeffrey Wielgus	Marine management area science	Jan. 2007 – April 2007
Dr. Denise McCorry	Tropical reef ecology	May 2003 – July 2005
Dr. Melita Samoilyš *	Habitat and protected areas	Feb. 2000 – May 2003
Dr. Jessica Meeuwig *	Quantitative approaches	Sept. 1998 – June 2001

Honorary research associates

Dr. Janelle Curtis	Syngnathid biology and PVA modelling	Nov 2004 –
Dr. Sian Morgan	Syngnathid biology	Jan. 2008 -
Dr. Sara Lourie	Syngnathid biogeography and taxonomy	Jan 2004 -
Dr. Jean Marcus	Marine conservation	Oct 2007 – July 2008

Postdoctoral research fellows

Dr. Tse-Lynn Loh	Rapid assessments and citizen science	Sept. 2012 -
Dr. Philip Molloy	Marine protected areas	Sept. 2009 – Feb 2012
Dr. Janna Rist	Seahorse distributions	Sept. 2010 – Dec. 2010
Dr. Maï Yasué	Community-based management	Jan. 2007 – July 2008
Dr. Jean Marcus	Community ecology/education	Jan. 2004 – Sept. 2007
Dr. Suresh Job *	Aquaculture	Oct. 1999 – Aug. 2001
Dr. Colin Bull *	Aquarium research	July 1999 – May 2001
Dr. Elanor Bell	Special projects	March 1999 – Dec 2000

Honours, independent, and directed studies [partial list] * direct supervision by one of my trainees

Jane Spooner (3 units) *	Internet trade of seahorses	Sept – Dec 2012
Jen Yip (3 units) *	bycatch focus of NGOs	Sept – Dec 2010
Monica Yau (6 units) *	Spatial segregation in Australian syngnathids	Jan – April 2008
Laura Winters (6 units)	Sustainable seafood at UBC	Sept – Dec 2006
Sarah Ballard (6 units)	Sustainable seafood at UBC	Sept – Dec 2006
Anna Magera (3 units)	Sustainable seafood at UBC	Jan – April 2006
Alix Bacon (3 units)	Traditional medicines and marine conservation	Sept – Dec 2005
Justine d'Entremont (Hons.)	Sex-related differences in feeding and foraging behavior of the seahorse <i>Hippocampus guttulatus</i>	Sept 2001 – Apr 2002
Alicia de Praeter (Hons.)	Morphometric variability in the seahorse <i>Hippocampus erectus</i> in the western Atlantic	Sept 2001 – Apr 2002
Julie Nadeau (6 units)	Food choice as a function of size in seahorses	Sept 2001 – Apr 2002
Sara Gagne (Hons.)	Sibling competition & paternal length in seahorses	Sept 2000 – Apr 2001
Véronique Bussièrès (6 units)	Pre-settlement behaviour of newborn seahorses	May - Dec 2000
Fiona Hanna (3 units)	Juvenile seahorse development in the brood pouch	Jan - Apr 2000
Julia Baum (6 units)	Analysis of seahorse by-catch in Florida	Sept. 1998 - Apr 1999
Jana Schulz (exchange student)	Ecology of dwarf seahorses in Florida (Leeds, UK)	May - Aug 1998
Allison Perry (6 units)	Global marine medicinals	Sept 1997 - Apr 1998
Kristin Lunn (6 units)	Seahorse breeding protocols	Sept 1997 - Apr 1998
Janet Pritchard (Hons. thesis)	Morphometrics of IndoPacific seahorses (Oxford, UK)	Apr 1994 - June 1995

NSERC summer students [partial list]

Genevieve Layton-Cartier	May – Aug 2007	Using GIS tools for marine planning
Jade Barnaby	May-Aug. 2006	Ecopath modeling for northern British Columbia
Anna Magera	May-Aug. 2005	Otoliths as indicators of heavy metals
Lara Brady	July-Oct 2004	Seahorse reproduction
Tom Bell	May-Aug 1999	Movements of coral reef fishes
Julia Baum	May-Aug 1999	Florida shrimp trawl bycatch

Work-study students, co-op students [partial list] NB: All reported directly to one of my trainees.

Tamsyn Tyler	Sept-Nov 2013	Ocean conservation and sustainability course development
Jessica Kiyomi-Henry	May-Aug 2013	Ocean conservation and sustainability course development
Alice Feng	May-Aug 2013	iSeahorse.org
Kyle Garsuta	May-Aug 2012 (work) May-Aug 2013 (co-op)	iSeahorse.org
James Martins	Sept-Dec 2012	Seahorse and marine conservation
Mai Aoki	May-Aug 2009	Data management in conservation

Research assistants

Riley Pollom	Research assistant	Nov. 2013 -
Regina Bestbier	Research assistant	Dec. 2007 -
Stefan Wiswedel	Research assistant	Dec. 2011 – Aug 2013
Christina Czembor	Research assistant	May 2010 – Aug 2011
Melissa Evanson	Senior Research Assistant	Aug. 2009 – Feb 2011
Marjorie Sorensen	Research assistant	Jan. 2009 – Mar 2010
Danika Kleiber	Senior Research Assistant	Jan. 2009 – Aug 2009
Eve Robinson	Research assistant	Nov. 2007 – Aug. 2008
Candace Picco	Seahorse trade analysis	Oct. 2005 – May 2006
Bob Hunt	Non-food fisheries research assistant	July 2003 – Dec 2005
Melissa Grey	Non-food fisheries research assistant	May 2003 – May 2004
Brian Giles	Senior research assistant	Nov. 2001 – Aug 2004
Anne-Marie Blais	Non-food fisheries research assistant	Mar. 2001 – June 2002
Dale Marsden	Senior research assistant	July 1999 – Nov. 2003
Susan Innis	Research assistant	Sept. 1998 – May 1999
Shaun Goho	Research assistant	July 1997 – Apr. 1998

Research biologists

Andres Cisneros (field)	West African seahorse trade	June – Aug 2013
Sarah Bartnik	Research biologist	May 2006 – Oct. 2008
Jade Barnaby	Seafood choices at UBC	Sept. 2006 – Dec. 2006
Bob Hunt	Capacity building in the Philippines	Feb. 2006
Anna Magera (field)	Seahorse trade analysis Sustainable seafood at UBC	Sept 2005 – Nov. 2005 & July-Aug 2006
Marie-Annick Moreau (field)	Seahorse trade analysis	Sept 2004 – Feb. 2005
Rebecca Ng (field)	Seahorse trade analysis	Oct 2004 – Dec. 2005
Kristin Lunn (field)	Trade in echinoderms for curios	Jan. 2004 – Sept 2005
Sarah Foster	Research biologist	Nov. 2001 – May 2004
Patrick LaFrance	Seahorse species research	Sept. 2000 – Sept. 2001
Jana Schulz (field)	Biology of Knysna seahorse & East African seahorse trade	Jan. 2000 – Sept. 2000

Julia Baum (field)	Latin American seahorse trade	Oct. 1999 – Aug. 2000
Allison Perry (field)	Asian seahorse trade	May 1998 – Aug. 2001
Kristin Lunn (field)	Interim aquarium research co-ord Field assistant in Vietnam	May 1998 – Mar. 2000
Marie-Annick Moreau	Seahorse species research & Workshop co-ordinator / admin support	Sept. 1997 – Sept. 2000

Senior programme staff

Benaventura Maata	National Director, Philippines team	Jan. 2010 – Mar 2011
Amado Blanco	National Director, Philippines team	Feb. 2003 – June 2009
Geoff Gilliard	Communications Co-ordinator	March 2005 – Oct. 2005
Angela McCue	Wildlife trade analyst	March 2004 – April 2005
James Hrynshyn *	Communications Co-ordinator	April 2003 – March 2005
Thomas Jacobsen *	Social development and livelihoods	Sept. 2002 – Jan 2004
Rhema Bjorkland	Wildlife trade analyst	July 2003 – Jan 2004
Daphne Villanueva	National Director, Philippines team	July 2002 – Feb. 2003

Senior management

Scott Finestone	Programme Manager	Jan 2013 -
Eric Chéné	Programme Manager	Aug 2012 – Nov 2012
Tarah Brachman	Programme Manager	Sept. 2010 – Oct. 2012
Dr. Janna Rist	Programme Manager	Aug. 2008 – Aug 2010
Jorma Neuvonen	Director of Operations	Feb. 2003 – Sept. 2007
Jacqueline Blomfield	Operations Manager	Nov. 2001 – April 2003

Administrative and operations staff

Tuya Ochir	Administrative officer	Mar 2010 – Sept 2011
Christie Michailopoulos	Administrative officer	Sept 2008 – Apr 2009
Chloe Shen	Administrative officer	Oct. 2007 – June 2008
Lana Gunnlaugson	Administrative assistant (temporary)	July 2006 – July 2007
Shannon Charney	Operations assistant	April 2003 – Sept. 2007
Heidi Shuter	Administrative assistant	Nov. 2002 – Aug. 2007
Susanna Mulligan	Administrative assistant (temporary)	Nov. 2003 – Nov. 2004
Kate Bigney	Administrative assistant	Jan. 2002 – July 2002
Rhea Ravanera	Administrative assistant then Operations assistant	Aug. 2000 – Mar. 2003
Jacqueline Blomfield	Administrative assistant then Development officer	Jan. 1999 – Oct. 2001
Nichola Leeming	Administrative assistant	Nov. – Dec. 1999

Hong Kong programme officers

Joy LAM Tsz Lok	Marine medicinals conservation officer	Jan 2007 – Dec. 2007
Samuel LEE Kwok Hung	TRAFFIC East Asia representative for marine medicinals conservation project	Oct 2001 – June 2006
Boris KWAN Sai Ping	Marine medicinals conservation officer	Sept 1998 – Aug 2001

Philippines field team (professional members)

NB: From 2002 - 2011, supervision was indirect, through the national director but I continued to build capacity with the biologists and mentor other staff. In 2012, I passed all supervisory responsibility for the Philippines team to a colleague, so I record no names thereafter.

Edwin Dumalagan	Junior field biologist	Aug 2009 -
Angelie Nellas	Rapid Assessment team co-ordinator, biologist	Jan 2004 -
Hazel Panes	Marine protected areas biologist	July 2003 -
Rosemarie Apurado	Community organiser (Jagoliao then Handumon), then Information and Education Officer then Community organizer	July 1997 -
Leonidesa Suan	Finance officer	Jan 2010 – Apr 2011
Lucilo Minguinto	Local community organizer	Dec 2009 – Mar 2011
Ron Kirby B. Manit	Junior field biologist	Sept. 2008 – Mar 2011
Franco Villaruel	Senior Social Development Officer	Sept 2007 – Mar 2011
Virginia Masendo	Community organiser	June 2008 – Jan. 2009
Jesus Rey Dongallo	Junior field biologist	May 2008 – Oct 2009
Reaan Catitig	Community organiser	Feb 2008 – June 2009
Perfecto Auxilio	Community organiser	Mar 2003 – Apr 2009
Lourdes Labrada	Finance and Administrative Officer	Feb. 2003 – Nov 2009
Jeff Bogart	Junior field biologist	Feb. 2008 – June 2008
Abroguena		
Fermina Gemison	Biologist	July 2005 - July 2007
Wilson John Barbon	Senior Social Development Officer	May 2005 – Aug. 2007
Desiree Palana	Administrative and Financial Assistant	Jan. 2006 – Dec. 2006
Alen Mondido	Community organiser (Handumon)	Nov. 2001 – Dec. 2005
Brian Cabrera	Survey biologist	Jan. 2001 - Dec. 2006
Erwin Brunio	Biologist (Handumon) then Fisheries and Protected Areas biologist	June 1999 – Dec. 2005
Armi Torrechilla	Fisheries biologist	Mar. 2003 – June 2005
Rachel Malabanan	Livelihood business officer	Jan. 2003 – Dec 2003
Roger Bayutas	Livelihood biologist	Jan. 2003 – Dec 2003
Aileen Maypa	Rapid Assessment team co-ordinator, biologist	Jan. 2002 – April 2003
Lorena Mabatid	Bookkeeper	July 2001 – Dec 2003
Amida Diwata	Seahorse biologist	Jan. 2001 – Sept 2003
Macansantos		
Joel Erediano	Community organiser (Talibon), then Supervising Community Organiser/Social Researcher	Nov 1999 – May 2004
Erwin Duaban	Biologist (Batasan) then Habitat biologist	June 2000 – Dec. 2002
Alejandro Corridor	Community Organiser	July 2002 – Oct. 2002
Miriam Gabucan	Finance and Administration Officer (Cebu)	May 2000 – Oct. 2002
Samuel Gulayan	Community relations officer, then National Team Co-ordinator	May 1999 – July 2002
Isidore Ancog	Community organiser (Batasan), then Regional Team Co-ordinator	July 1997 – Dec 2001
Marivic Pajaro	Bohol team leader, then National co-ordinator	Oct 1994 – Dec 2001
Jonathan Anticamara	Biologist (Jagoliao then Handumon)	July 1997 – Aug 2001
Luisa Negros	Community organiser (Handumon)	Mar. 2001 – July 2001
Cecil Descallar	Community organiser (Buenavista/Inabanga)	Sept 1999 – Dec. 2000
Zenon Villongco	Biologist (Talibon) then Rapid Assessment team co-ordinator	Aug 1999 – Apr 2001
Paulette Apurado	General assistant (Cebu)	June 1999 – Dec. 2000
Julie Noble	Community organiser (Talibon)	Feb 1999 – Oct. 1999
Jocelyn Hernandez	Biologist (Batasan)	Sept 1998 – Apr 2000

Raul Valmoria	Community relations officer, then Community organiser (Buenavista/Inabanga)	July 1997 – July 1999
Flordeliza Alcaria	Community organiser (Handumon then Jagoliao)	April 1997 – Feb 1999
Roberto Borja	Community organiser (Handumon)	Oct 1996 – Mar 1997
Nelson Perante	Biologist (Handumon then Talibon)	Jan 1995 – May 1999
Delma Buhat	Community organiser (Handumon)	Oct 1994 – Sept 1996

Vietnam field team

NB: Supervision was indirect, through the team leader, but involved much capacity building

Buu Dien	Aquaculture specialist	Mar 2000 – Dec 2000
Nguyen Pham Thanh Duyen	Education officer	Aug 1999 - Dec 2000
Ho Thi Hoa	Aquaculture specialist	April 1996 - Dec 2000
Do Huu Hoang	Aquaculture specialist	May 1995 - Dec 2000
Dr. Truong Si Ky	Team leader	May 1995 - Dec 2000
Le Hoang Tuan	Aquaculture specialist	Feb 1999 - Dec 2000
Nguyen Van Long	Education officer	May 1995 - Jan 1999
Ho Van Trung Thu	Aquaculture specialist	April 1997 - Jan 1999

Advisory committees for graduate students

2013 -	Nicolas Talloni (Dr. T. Pitcher) Ph.D. Topic under development.
2003 - 2006	Telmo Morato (Dr. T. Pitcher) Ph.D. Food webs on seamounts.
2003 - 2007	William Cheung (Dr. T. Pitcher) Ph.D. Management of fisheries and marine species diversity in the South China Sea.
2003 - 2005	Brajgeet Bhathal (Dr. D. Pauly) M.Sc.
2001 – 2003	Henri Valles (Dr. D.L. Kramer & Dr. W. Hunte) Ph.D. Factors influencing recruitment of coral reef fish.
2001 - 2003	Peter McDougall (Dr. D.L. Kramer). M.Sc. Costs of home range relocation in damselfish.
2000 - 2002	Marianne Gilbert (Dr. D.L. Kramer). M.Sc. Biology of moray eels in the Barbados.
1999 - 2001	Ian Popple (Dr. W. Hunte) M.Sc. Movements of the Graysby <i>Cephalopholis cruentata</i> in a fisheries conservation zone.
1997 - 1999	Nicole Nadorozny (Dr. D. Green). Ph.D. The influence of heterogeneous landscapes on the movements and subsequent distribution of wood frog (<i>Rana sylvatica</i>) populations.
1997 - 98	Veronik de la Cheneliere (Dr. L. Lefebvre) M.Sc. The costs and benefits of a biopsy program on an endangered population, the St. Lawrence beluga (<i>Delphinapterus leucas</i>).
1996	Sophie Boizard (Dr. D.L. Kramer) M.Sc. Interactions between surgeonfish and damselfish and their impact on Caribbean reefs – withdrew

Advisory committees for honours students at McGill

1999 - 2000	Peter McDougall (Dr. D.L. Kramer). Territoriality and habitat use in five size classes of the longfin damselfish, <i>Stegastes diencaeus</i> .
1998	Patricia D'Aoust (Dr. D. Green). A comparative study of <i>Rana sylvatica</i> and <i>Plethodon cinereus</i> .

(f) Other

My professional development

1. Audited UBC course in *Fisheries Law* (LAW 395) in 2006F
2. *Getting Started with Connect*. Took three hour training to support my new course. 29 January 2013.
3. *Community Service Learning: Linking academic Content to community involvement*. UBC Centre for Teaching and Academic Growth (TAG). 20 March 2006

4. *Canadian Council on Animal Care (CCAC) / National Institutional Animal User Training (NIAUT) Program*. Online. 2005
5. *Conflict Resolution level 1*. UBC. 4 March 2003
6. *Negotiating and Influencing for Success*. The Management Centre, UK. 3-4 Feb 2001
7. *Developing and managing effective research teams*. University of Oxford, UK. July 1996

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

PLEASE ALSO SEE DIRECT CONSERVATION CONTRIBUTIONS AT THE END OF THE CV.

(a) Areas of special interest and accomplishments

My scholarship is focused on marine conservation and embraces primary research and its application to management and policy challenges. I co-founded (in 1996) and am Director of Project Seahorse, a conservation group based at the University of British Columbia and the Zoological Society of London, UK. My team and I paint a very broad canvas intellectually and programmatically, from fundamental biology and protected area planning to fisheries management and United Nations policy (Fig 1). We keep our programme focused by linking all our research and management initiatives (directly or loosely) to the fate of seahorses and their relatives. I apply my scholarly knowledge to conservation decision-making and I undertake and support activities that should generate conservation benefits; these are part of my scholarship. I was the first biologist to study seahorses underwater and am the appointed Chair of the global expert group on seahorses, pipefishes and sticklebacks.

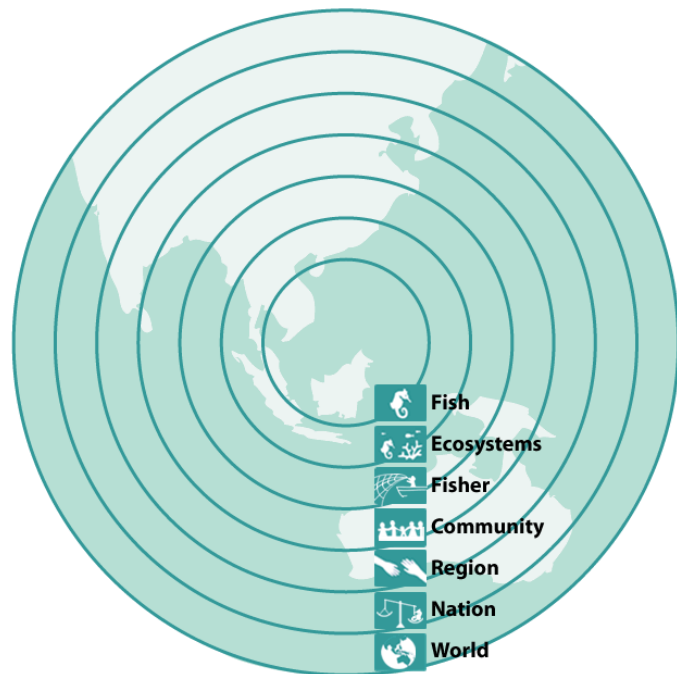


Fig. 1: A schematic diagram of the many layers at which I engage in marine conservation research, management and policy. My team and I have made research contributions and achieved measurable impacts in life history and ecology, marine protected areas, subsistence fisheries management, community development, national law, international trade, global policy, and public outreach. Together, these initiatives advance marine conservation.

Evidence of impact

Acknowledgement of expertise

- **Founding Chair, IUCN SSC Seahorse, Pipefish and Stickleback Specialist Group** (2012 - present)
 - *The International Union for the Conservation of Nature is the global body (comprised of government, NGO and academic entities) that leads conservation. An appointment as Chair of an SSC Specialist Group represents international acknowledgement of one's role as a/the leading expert for that taxon's conservation. I am responsible for about 350 species of fish, globally. Unusually, **Project Seahorse has also been appointed to serve as the core Specialist Group**, whereas a Specialist Group is usually founded ab initio from an array of individual contributors. Such an appointment confirms that I have built the definitive global expert group for these taxa. My former role as Chair of the Syngnathid Red List Authority (see below) is now subsumed into this new role.*

- **Chair, IUCN SSC Syngnathid Red List Authority (until 2012).**
 - *This group is responsible for global conservation assessments for all 350 (or so) species in two orders of fish.*

- **Marine representative, IUCN International Red List Committee, Geneva (2010 – present)**
 - *This is the body responsible for all global assessments of species, to determine their conservation status and risk of extinction.*

- **Chair of the CITES Animals Committee Working Group** on Seahorses and other Syngnathids (2000-2002) and then the CITES Working Group on Seahorses (2002-2004).

- **Director, Project Seahorse (1996 to present)**
 - The Project Seahorse programme arose from my early work: I undertook the first biological field studies on seahorses underwater, executed the first trade surveys on seahorses, and developed the first field conservation programme for seahorses. **Project Seahorse continues to be considered the foremost authority in the world on 300 species of fish in the family Syngnathidae**, measured by our roles in their conservation, which include the following:
 - FishBase Authority for Syngnathids
 - Authors of definitive taxonomic guide to seahorses
 - Consultant authors for the CITES Identification Guide for Seahorses
 - Exhibit consultant for public aquaria
 - Authors of published papers on syngnathids
 - Host of a syngnathid researcher listserv and a syngnathid husbandry listserv
 - Resource for school children everywhere ... we answer hundreds of letters annually.

Achieving global policy shifts

With great support from my team, I have made notable contribution to implementation of the UN Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), which regulates exports for a subset of wildlife species.

In November 2002, at the 12th meeting of the Conference of the Parties, **seahorses became the first marine fishes to be brought under global trade control**, when the member countries (now numbering 178 nations) voted with 2/3 majority to limit exports of all 48 species to sustainable levels, that would not harm wild populations. The decision depended almost entirely on my team's body of biological, taxonomic, trade, and management work. This seahorse listing set important precedent, breaking a logjam in which CITES Parties had systematically refused to add any new marine fish

species, on principle. A few days later, CITES also decided to regulate exports in basking shark and whale shark, partly because the universal objection to fish listings had clearly evaporated.

A decade later, CITES Parties have been asked to **prove the sustainability of their seahorse exports – the first time this has happened for any marine fishes**. My team and I are (with collaborators) fully engaged in this process, again setting precedent.

In July 2011, at the 25th meeting of the Animals Committee, **my team and I generated two outcomes:**

- a) We ushered three species of seahorse through the preliminary scanning for the Significant Trade Review, in which all CITES Parties are asked to justify their exports as sustainable. As a consequence, it was decided that an external review will be undertaken for many Party/species combinations.
- b) We also catalysed the inclusion of four more species of seahorse in the next round of preliminary scanning.

In March 2012, at the 26th meeting of the Animals Committee, **we again generated important outcomes:**

- a) We created the context in which CITES decided that exports of three species from Thailand were of urgent concern and export of one species from VietNam was of possible concern. I then provided the technical support for CITES to decide on recommendations (effectively, requirements) for Thailand and Vietnam, and am now involved in helping to advance this work, which must happen on an urgent timeline. **This is the first time that Parties have been required to act to improve sustainability of exports for any marine fishes of commercial value.**
- b) We ushered the second wave of four species through the preliminary scanning, again leading to the decision to undertake an external review for many Party/species combinations, and particularly for the West African species, *Hippocampus algiricus*.

In October 2013, **I was invited by the Convention on International Trade in Endangered Species (CITES) to advise the governments of Thailand and Vietnam** on implementation of the Convention with respect to their international trades in seahorses (see above). CITES also offered me European Commission funding to undertake this work.

In March 2013, **I made a material contribution to the CITES decision to regulate exports of five species of sharks and all manta rays, a highly controversial matter**. I led production of a key analysis of how CITES addresses marine fish issues. Three co-authors and I wrote a 15,000 word scholarly paper with an explicit goal of having it available to the 16th meeting of the Conference of the Parties in March 2013. It was accepted by Fish and Fisheries on 1 March 2013 and we immediately produced an executive summary (in three languages) which we circulated to all 177 national delegations and their relevant deputy ministers, as well as all Observer agencies. **Our summary and the paper – which directly addressed objections to such export regulation - are considered to have made a novel and rigorous contribution to the debate at the CoP, and to the eventual outcome.**

Collaborations

We are/have engaged in formal collaboration with the following:

- Canadian Parks and Wilderness Society, **Canada** (2003-2004)
- Centro Interdisciplinario de Ciencias Marinas, Instituto Politécnico Nacional, **Mexico** (2004-2009)
- Coastal Conservation and Education Foundation, **Philippines**
- Department of Fisheries, **Thailand**
- Department of Fisheries, **Viet Nam**
- Gitga'at and Huu-ay-aht First Nations, British Columbia, **Canada** (2003-2008)
- Haribon Foundation for the Conservation of Natural Resources, **Philippines** (1994-2002)
- Institute of Oceanography, **Vietnam** (1995-2000)
- Kasetsart University, **Thailand**
- Ocean Park Conservation Foundation, **Hong Kong SAR**

Parque Natural da Ria Formosa, **Portugal** (2000-2002)
 The University of Hong Kong, **Hong Kong SAR**
 TRAFFIC East Asia, **Hong Kong SAR**
 University of Malaya, Kuala Lumpur, **Malaysia**
 University of Tasmania, **Australia**
 World Wide Fund for Nature (WWF) **Hong Kong** (1998-2001)

Field programmes

My Project Seahorse team has initiated and supported a number of long-lasting international initiatives, as outlined below. Trainees have previously led smaller projects in Mexico, Papua New Guinea, Portugal, South Africa, and the USA --- and are now active in Malaysia, Philippines, Senegal and Thailand.

- 1994 - present Award-winning conservation programme in the **Philippines**, under our own *Project Seahorse Foundation for Marine Conservation Inc.* Our Filipino team leads a marine conservation programme that is both community-based and institutionally-engaged. In the central Philippines, we undertake species and habitat research, establish and support no-take marine protected areas (35 thus far), embark on innovative fisheries management, build community capacity, develop alternative livelihoods, foster environmental awareness, build alliances and catalyse policy change. At the national level, *Project Seahorse Foundation* influences policy, develops trade monitoring protocols, co-ordinates collegiate interests in environmentally sustainable livelihoods, and supports national research on and management of marine protected areas.

- 1997 - 2000 Coastal Resource Management Project in Bohol, **Philippines**; implementing group (through Haribon Foundation) for US Agency for International Development project on Danajon Bank; resource assessment, capacity building, environmental education, alliance building, protected area implementation.

- 1998 - 2007 Marine medicinals conservation project, **Hong Kong SAR**, China; encouraging and assisting the traditional Chinese medicine community to ensure that consumption of marine species is sustainable; advising CITES Authorities in Hong Kong, Taiwan, and mainland China on managing trade in seahorses.

- 2000 - 2007 National programme for seahorse research and conservation in **Australia**: conducting bycatch research in shrimp fisheries; advising on seahorse aquaculture; undertaking field studies on seahorse behaviour and population dynamics; promoting policy initiatives in support of syngnathids; acting as catalyst and resource for other syngnathid research and conservation in Australia.

- 1995 - 2000 Seahorse conservation and management in central **Vietnam**; fisheries, biological and trade research, small-scale aquaculture development, community education. Five Vietnamese biologists plus local staff.

(b) *Research or equivalent grants (indicate under **COMP** whether grants were obtained competitively (C) or non-competitively (NC)) – Recent Funding since 2001*

Granting	Subject	COMP	Total value	Period	Total C\$	Principal	Co-Investigator(s)
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Agency			Entire Funding Period		Per Year	Investigator	
Interface Flooring	<i>Philippines public awareness and environmental education campaign</i>	NC	\$30,000 USD	2013	\$30,000	T. Stiem	A. Vincent
The John G. Shedd Aquarium	<i>Seahorse Conservation</i>	NC	\$20,000	2014-2015	\$10,000	A. Vincent	
Guylian Chocolates Belgium (held at UBC)	<i>Seahorse conservation research</i>	NC	Euros 270,000	2013-2015	C\$123,300	A. Vincent	H. Koldewey
Selfridges Project Ocean	<i>Marine Protected Area in the Philippines</i>	NC	\$45,088*	2012-2013	\$45,088*	H. Koldewey	A. Vincent
Laguntza Foundation	<i>Seahorse Conservation</i>	NC	\$8,000	2012-2013	\$8,000	A. Vincent	
Peoples Trust for Endangered Species	<i>Making CITES work for seahorses: Supporting Thailand as it implements CITES recommendations</i>	C	\$40,000	2012-2013	\$40,000	A. Vincent	S. Foster
Conservation and Research Foundation	<i>Saving CITES-listed seahorses in Thailand</i>	C	\$5,000	2013	\$5,000	S. Foster	A. Vincent
The Harmsworth Trust Co.	<i>Marine Protected Area in the Philippines</i>	NC	\$46,590*	2012-2014	\$15,530*	H. Koldewey	A. Vincent
Riverbanks Zoo	<i>Making CITES work for seahorses in Thailand</i>	C	\$5,000	2013	\$5,000	A. Vincent	L. Aylesworth

Ocean Park Conservation Foundation	<i>Philippines public awareness and environmental education campaign</i>	C	\$13,000*	2013	\$13,000	T. Stiem	A. Vincent
John G. Shedd Aquarium	<i>Promote and advance Marine Conservation</i>	NC	ca \$100,000 (postdoc position plus \$25K)	2013	\$100,000	A. Vincent	H. Koldewey
Mohamed bin Zayed Species Fund	<i>Seahorse trade and biology, West Africa</i>	C	US \$7,000	2012	\$7,000	A. Vincent	C. Ransom
People's Trust for Endangered Species	<i>Seahorse trade and biology, West Africa</i>	C	\$11,932	2012	\$11,932	A. Vincent	C. Ransom
NSERC Discovery Grant	<i>Invertebrates and marine populations</i>	C	\$21,000	2012-2013	\$21,000	A. Vincent	
Aquarium du Quebec	<i>Seahorse Conservation</i>	NC	\$1,200	2013	\$1,200	A. Vincent	
Taiwan Forestry Bureau	<i>Supporting CITES Parties</i>	C	\$5,010	2011-2012	\$5010	A. Vincent	
John G. Shedd Aquarium, Chicago, USA (held at UBC)	<i>Project Seahorse</i>	NC	US \$75,000	2012	\$75,000	A. Vincent	H.J. Koldewey
Guylian Chocolates Belgium (held at UBC)	<i>Seahorse conservation research</i>	NC	Euros 270,000	2010-2012	C\$123,300	A. Vincent	H. Koldewey
NSERC	<i>Ecological dynamics of reefs</i>	C	\$32,000			A. Vincent	
Langar Foundation	<i>Seahorse research and conservation</i>	NC	\$200,000	2010 to 2014	\$40,000	A. Vincent	H. Koldewey
Selfridges' Project Ocean	<i>Marine Protected Area in the Philippines</i>	NC	\$78,192	2011-2012		H. Koldewey	A. Vincent
Taiwan Forestry Bureau	<i>Supporting CITES Parties</i>	C	\$5,000	2011		A. Vincent	

Point Defiance Zoological Society	<i>Seahorse Conservation</i>	NC	\$1,356	2011		A. Vincent	
Aquarium du Quebec	<i>Seahorse Conservation</i>	NC	\$1,200	2011		A. Vincent	
Whole Foods Market	<i>Seahorse Conservation</i>	NC	\$1,594	2011		A. Vincent	
Memphis Zoo	<i>Seahorse Conservation</i>	NC	\$250	2011		A. Vincent	
Dallas Zoo	<i>Seahorse Conservation</i>	NC	\$1,500	2011		A. Vincent	
Taiwan Forestry Bureau	<i>Supporting CITES Parties</i>	C	\$5,000	2010		A. Vincent	
Point Defiance Zoo (held at UBC)	<i>Project Seahorse</i>	NC	US\$3000	2009	C\$3,000	A. Vincent	H. Koldewey
Toronto Zoo, Canada (held at UBC)	<i>Improving the status of seahorse populations in the Philippines, under fishing pressure</i>	NC	C\$2,500	2009	C\$2,500	A. Vincent	H. Koldewey
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance</i>	C	US\$5,000	2009	C\$5,000	A. Vincent	
Ocean Charitable Trust (held at UBC)	<i>Project Seahorse conservation activities (unrestricted)</i>	NC	Euros 500,000	2009-2013	C\$137,000	A. Vincent	H. Koldewey
Oceanario Lisboa (held at ZSL)	<i>Conserving seahorses in the wild and captivity: the influence of environment and movement</i>	C	Euros 10,000	2009	C\$15,600	H. Koldewey	A. Vincent

Private donation - Geraldine Harmsworth (held at ZSL)	<i>Project Seahorse Research</i>	NC	£ 50,000	2008	C\$88,371	H. Koldewey	A. Vincent
Dallas Zoo and Children's Aquarium (held at UBC)	<i>Project Seahorse</i>	NC	US\$1000	2008-2009	US\$500	A. Vincent	H. Koldewey
BBC (held at ZSL)	<i>Rapid assessment of seahorse populations and habitats across Danajon Bank (central Philippines) for conservation action.</i>	C	£ 40,000	2009-2010	C\$36,800	H. Koldewey	A. Vincent
Quebec Aquarium (held at UBC)	<i>Seahorse Conservation in the Central Philippines</i>	NC	C\$1,500	2009	C\$1,500	H. Koldewey	A. Vincent
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance</i>	C	US \$5,000 (C\$6,500)	2008-2009	C \$6,500	A. Vincent	
Ocean Park Conservation Foundation-Hong Kong (held in the Philippines)	<i>Enriching and utilizing our knowledge of local seahorse populations to scale up community-based initiatives for seahorse conservation on Danajon Double Barrier Reef</i>	C	HK\$ 396,844	2008-2010	C\$15,000	A. Vincent	A. Blanco

EJLB Foundation (held at UBC)	<i>The impacts of shrimp trawling on small fish species</i>	C	C\$14,000	2008	C\$14,000	A. Vincent	S.J. Foster
BBC (held at ZSL)	<i>Community-managed marine protected areas as tools for seahorse conservation in the Philippines.</i>		£20,000	2008	C\$18,400	H. Koldewey	A. Vincent
Toronto Zoo, Canada (held at UBC)	<i>Improving the status of seahorse populations in the Philippines, under fishing pressure</i>	C	C\$5,000	2007-2008	C\$5,000	A. Vincent	
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance</i>	C	US \$10,000 (C\$10,100)	2007-2008	\$10,100	A. Vincent	
Toronto Zoo, Canada (held at UBC)	<i>Improving the status of seahorse populations in the Philippines, under fishing pressure</i>	C	\$5,000	2007-2008	\$5,000	A. Vincent	

Ocean Park Conservation Foundation-Hong Kong (held in the Philippines)	<i>Enriching and utilizing our knowledge of local seahorse populations to scale up community-based initiatives for seahorse conservation on Danajon Double Barrier Reef</i>	C	HK\$110,000 (C\$14,200)	2007-2008		A. Vincent	A. Blanco
People's Trust for Endangered Species, UK (held at UBC)	<i>Using an unfortunate trade ban to advance seahorse conservation, with the fishers' co-operation</i>		£5,145	2006-2007	\$10,000	A. Vincent	
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance</i>	C	US \$15,000 (C\$17,661)	2006-2007	\$17,661	A. Vincent	
Fisher Scientific Fund (held at UBC)	<i>UBC Sustainable Seafood Project</i>	C	C\$8,000	2006	\$8,000	A. Vincent	
Whitley Fund for Nature (held at UBC)	<i>Empowering developing countries to meet international obligations for seahorse conservation and more</i>	C	£30,000 (C \$62,203)	2006-2007	\$31,102	A. Vincent	

Conservation, Food and Health Foundation (held in the Philippines)	<i>Advancing no-take marine protected areas in the central Philippines, for conservation and food security</i>	C	US \$24,875 (C \$29,352)	2006	\$29,352	A. Blanco	A. Vincent
			US \$24,990 (C \$29,300)	2007	\$29,300		
			US\$24,851 (C\$25,067)	2008	\$25,067		
Guylian Chocolates Belgium (held at UBC)	<i>Seahorse conservation research</i>	NC	\$420,000	2007-2009	\$140,000	A. Vincent	H.J. Koldewey
John G. Shedd Aquarium, Chicago, USA (held at UBC)	<i>Project Seahorse</i>	NC	US \$375,000 (C \$415,000)	2007-2011	\$83,000	A. Vincent	H.J. Koldewey
Wallace Global Fund (held at UBC)	<i>Fostering marine conservation in traditional Chinese medicine</i>	C	US\$82,500 (C\$93,393)	2006-2007	\$46,696	A. Vincent	
Percy R. Gardiner Foundation (held at UBC)	Seahorse conservation research	NC	C\$200,000	2005-2009	\$40,000	A. Vincent	
Conservation International (with support from the Moore Foundation) (held at UBC)	<i>Mining multiple data sets for multiple no-take marine management areas in the Philippines</i>	NC	US\$104,882	2006 - 2007	\$52,441	A. Vincent	
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance.</i>	C	US\$20,000 (C \$23,539)	2005	\$23,539	A. Vincent	

Toronto Zoo (held at UBC)	<i>Study of an Exploited population of H. comes in situ in the Philippines</i>	NC	\$4,000	2005	\$4,000	A. Vincent	
Columbus Zoo Conservation Fund (held at UBC)	<i>Training Needs Assessment in Coastal Resource Management</i>	C	US\$5,720	2005	\$6,917	A. Vincent	
John G. Shedd Aquarium, Chicago, USA (held at UBC)	<i>Project Seahorse</i>	NC	US\$836,000 (C\$1,045,000)	2003 - 2006	\$261,000	A. Vincent	H.J. Koldewey
Point Defiance Zoo & Aquarium (held at UBC)	Seahorse Conservation research	NC	US\$2,500	2005	\$2,841	A. Vincent	
Government of Switzerland (held at UBC)	<i>Measuring for management of international trade in seahorses, Hippocampus spp.</i>	C	\$10,000 Swiss Francs	2004 - 2005	\$10,000	A. Vincent	
CITES Secretariat (held at UBC)	<i>Measuring for management of the international trade in seahorses, Hippocampus spp.</i>	C	US \$10,000 (C\$12,524)	2005	\$12,524	A. Vincent	
Forestry Bureau, COA, Taiwan (held at UBC)	<i>Measuring for management of the international trade in seahorses, Hippocampus spp.</i>	C	US\$30,000 (C\$ 37,256)	2004	\$37,256	A. Vincent	

John G. Shedd Aquarium, Chicago, USA (held at McGill)	<i>Project Seahorse</i>	NC	US\$490,000	1999 - 2002	\$163,000	A. Vincent	H.J. Koldewey
Guylian Chocolates Belgium (held at McGill)	Seahorse conservation research	NC	US\$330,000 (C\$ 405,000)	2004 - 2006	\$135,000	A. Vincent	H.J. Koldewey
Guylian Chocolates Belgium (rec'd from McGill)	Seahorse conservation research	NC	US\$735,000 (C\$918,000, C\$ 90,000 received to UBC from McGill)	1999 - 2003	\$ 183,750	A. Vincent	H.J. Hall
People's Trust for Endangered Species (held at UBC)	<i>Dispersal in seahorse populations of the central Philippines</i>	C	£2,893 C\$5,786	2003	\$5,786	A. Vincent	M. Samoilys S.K. Morgan
MacArthur Foundation (held at UBC)	<i>Understanding and improving the effectiveness of community-based marine protected areas, for marine life and for people</i>	C	US\$285,000 (C \$339,937)	2002 to 2007	\$67,987	A. Vincent	J.M. Meeuwig, C. Scott M. Mulrennan
International Development Research Centre (held at UBC)	<i>Understanding and improving the effectiveness of community-based marine protected areas, for marine life and for people</i>	C	C\$363,148	2002 - 2006	\$72,629	A. Vincent	J.M. Meeuwig C. Scott M. Mulrennan
Pew Charitable Trusts (Pew Marine Fellowship)	<i>Understanding extraordinary fisheries</i>	C	US\$150,000 (C\$225,000)	2000 - 2005	\$45,000	A. Vincent	

Canada Foundation for Innovation	<i>Laboratories and field equipment for marine and fisheries conservation.</i> Grant no. 201267.	C	C\$162,000	2003 - 2006	\$40,500	A. Vincent	
British Columbia Knowledge Development Fund	<i>Laboratories and field equipment for marine and fisheries conservation.</i> Grant no. 104-C.	C	C\$162,106	2003 - 2006	\$40,500	A. Vincent	
Whitley Laing Foundation	<i>Continuation award for marine conservation</i>	C	£13,500 C\$29,504	2003 – 2004	\$14,752	A. Vincent	
Percy R. Gardiner Foundation	<i>Project Seahorse</i>	NC	C\$24,000	2002 - 2004	\$8,000	A. Vincent	
Natural Sciences and Engineering Research Council, Canada	<i>Dispersal and movement in fragmented populations of a coral reef fish</i>	C	C\$100,000	2001 - 2006	\$20,000	A. Vincent	
British Airways Community and Conservation Fund	<i>Project Seahorse (In-kind donation of airline tickets)</i>	C	C\$38,000 (estimated value of tickets)	2002-2006	\$7,600	A. Vincent	

Previous Funding

NB: A. Vincent is Principal Investigator for all funds except where noted. Grants held in UK are with our partners at the Zoological Society of London.

1999 - 2003
held at ZSL Community Fund (formerly National Lottery Charities Board), UK (£556,557)
Community-based management of subsistence fisheries in the Philippines – developing a sustainable resource
Dr. H.J. Hall was principal investigator

2000
held at Harvard Pew Fellows Collaborative Initiative Fund, Pew Charitable Trusts, USA (US\$4,400)
Assessing connectivity in a marine reserve network (travel grant)
Collaborative with Drs. S. Palumbi, A. Alcala and G. Russ

- 1998 - 2001
held in HK
United Kingdom Department of Environment, Transport and the Regions
(£75,000 for three years)
Marine medicinals conservation officer in Hong Kong
Administered through the World Conservation Union (IUCN) and WWF
- 1998 - 2001
held at ZSL
Glaxo Wellcome plc Appeals Fund (£75,000 for three years)
Marine medicinals conservation officer in Hong Kong
Administered through WWF Hong Kong
- 1997 - 2001
held at McGill
Natural Sciences and Engineering Research Council, Canada (\$52,000)
Seeking new paradigms for conserving exploited seahorses
- 2000
held at McGill
New England Biolab Foundation (US\$10,000)
Quantifying seahorse fisheries and trade in Africa
Collaborative with Dr. J.J. Meeuwig
- 2000
held at ZSL
People's Trust for Endangered Species (£4,000)
Towards seahorse conservation in Vietnam
Collaborative with Dr. H.J. Hall and Dr. J.J. Meeuwig.
- 2000
held at ZSL
WildInvest - Fauna and Flora International (US\$5,000)
Towards seahorse conservation in Vietnam
Collaborative with Dr. H.J. Hall and Dr. J.J. Meeuwig.
- 2000
held at ZSL
Columbus Zoo Conservation Fund, Ohio, USA (US\$4,980)
Seahorse conservation education programme in Vietnam
Collaborative with Dr. H.J. Hall and Dr. J.J. Meeuwig.
- 1999
held at McGill
Columbus Zoo Conservation Fund, Ohio, USA (US\$9,950)
Assessing syngnathid trade in Central America
- 1998
held at ZSL
Whitley Animal Protection Trust (£10,000)
Seahorse trade surveys
Collaborative with Dr. H.J. Hall.
- 1999
held at McGill
WildInvest - Fauna and Flora International (US\$5,000)
Towards seahorse conservation in Vietnam
- 1998
held at McGill
International Development Research Centre, Ottawa (C\$116,500)
Community management of marine medicinals (South East Asia)
Collaborative with Dr. H.J. Hall.
- 1998
held at McGill
International Development Research Centre, Ottawa (C\$10,500)
Developing a dialogue, for Chinese translation of workshop proceedings
- 1998
held at McGill
National Geographic Society (US\$22,000)
Community-based seahorse conservation and management
- 1998
WildInvest - Fauna and Flora International (£10,000)

- held in Phils *Seahorse conservation and marine protected areas in the central Philippines*
- 1998
held at ZSL Balliol College Conservation Fund, University of Oxford, UK (£8,000)
Laying the foundations for rehabilitating Danajon Bank, central Philippines
- 1998-1999
held at McGill J.G. Shedd Aquatic Science Grant, Shedd Aquarium, Chicago
Community development for conservation (US\$10,000)
Collaborative with Dr. H.J. Hall.
- 1998
held at ZSL Whitley Animal Protection Trust (£5,000)
Project Seahorse
Collaborative with Dr. H.J. Hall.
- 1998
held at ZSL Columbus Zoo Conservation Fund, Ohio, USA (US\$2,280)
Seahorse conservation education programme in Vietnam
Collaborative with Dr. H.J. Hall.
- 1995 - 1998
held at ZSL Natural Environment Research Council, UK for PhD studentship + costs
Conservation genetics of seahorses (about £30,000)
H. Stanley is senior Principal Investigator
Collaborative with Dr. H.J. Hall and Dr. H. Stanley.
- 1997
held at ZSL Rufford Foundation and Maurice Laing Foundation (£19,500)
An identification guide for seahorse conservation
Collaborative with Dr. H.J. Hall and Dr. H. Stanley.
- 1997
held at ZSL Columbus Zoo Conservation Fund, Ohio, USA (US\$1,000)
Seahorse aquaculture training in Vietnam
Collaborative with Dr. H.J. Hall.
- 1996 - 1997
held at ZSL Whitley Animal Protection Trust (£10,000)
Seahorse conservation in the central Philippines
Collaborative with Dr. H.J. Hall and Dr. H. Stanley.
- 1996 - 1997
held at ZSL Whitley Animal Protection Trust (£5,000)
Seahorse conservation in the central Philippines
Collaborative with Dr. H.J. Hall and Dr. H. Stanley.
- 1996 - 1997
held at ZSL People's Trust for Endangered Species (£17,070)
Community-based seahorse conservation and management
Collaborative with Dr. H.J. Hall and Dr. H. Stanley
- 1996 - 1997
held at McGill J.G. Shedd Aquatic Science Grant, Shedd Aquarium, Chicago
Community development for conservation (US\$3,000)
Collaborative with Dr. H.J. Hall.
- 1995 - 1997
held at ZSL Natural Environment Research Council, UK (£25,721)
Conservation genetics of seahorses
H. Stanley is senior Principal Investigator
Collaborative with Dr. H.J. Hall and Dr. H. Stanley.

- 1995 - 1999 Natural Sciences and Engineering Research Council, Canada
Women's Faculty Award (declined)
- 1994 - 1997 Darwin Initiative, Department of the Environment (£142,114)
held at Oxford *Conservation biology of seahorses and pipefishes*
- 1994 Fauna and Flora International - Oryx 100% Fund (£3,500)
held at Oxford *Conservation biology of pegasid fishes*
- 1993 National Geographic Magazine (US\$10,000 plus airfare London-Manila)
Preliminary surveys of the seahorse trade
Trip funded for article I was writing for National Geographic
- 1993 National Geographic Magazine (US\$6,000 plus airfare London-Sydney)
Seahorse and pipefish research in Sydney, Australia
Trip funded for article I was writing for National Geographic
- 1991, 92 The British Council & UHÄ (Skr14,000 & £1,850)
held at Oxford Swedish British Academic Co-operation Programme,
- 1991 The Royal Society - Overseas Field Research Grant (£8,429)
held at Oxford *Monogamy and the evolution of sex differences in seahorses*
- 1991 The Royal Society (£2,500)
held at Oxford John Murray Travelling Studentship in Oceanography and Limnology
Monogamy and the evolution of sex differences in seahorses
- 1991 Svenska Institut - Internationella Forskarstipendier, (Skr52,000)
- 1991 The Royal Society (£3,236: declined)
European Scientific Exchange Programme Study Visit (to Sweden)
The role of polygamy in the evolution of sex differences in pipefishes
- 1991 Association for the Study of Animal Behaviour travel grant (£350)

Private donors

Since 2002 Approximately C\$125,000 in gifts from individual private donors.

Research grants facilitated for field teams

- 2003-2004 Seacology (USA), Philippines (US\$12,000)
held in Phils to Jandayan Island Development Council for Marine Sanctuary Enforcement and Sustainable Alternative Livelihoods
- 1997 - 2000 Coastal Resource Management Programme (US-AID), Philippines
held in Phils to Haribon Foundation for integrated coastal management (PP3,690,977 =
US\$145,000)
- 1997 - 1999 Canadian Fund for Local Initiatives (CIDA), Vietnam (US\$17,920)

held in VN to Dr. Truong Si Ky for seahorse conservation and aquaculture

1996 Royal Society Study Visit to the UK (first ever from Vietnam)
held at Oxford for Dr. Truong Si Ky. 13 June to 4 July 1996 (approx £900)

Support in-kind

2010 Guinness World Records (UK) – two laptop computers
1994 - 2008 British Airways Conservation and Communities (UK) – quota of tickets each year
2003 - 2005 Eques, a California art and design firm specializing in marine environment themes - c. \$2,500 in merchandise (T-shirts, mousepads, cards etc.)
2003 - 2004 Ron Steven of Rogest, a Vancouver art and design firm - c. \$1,000 in merchandise (art prints)
1998, 99 Toshiba Computers (Canada) – donated and discounted computers
1996 Tropical Marine Centre (UK) – donated aquarium equipment

Grants for PhD research

1986, 87, 88 Edith Mary Pratt Musgrave Fund (£800 & 1,075 & £1,600)
1986, 88 British Federation of University Women (£250 & £2,000)
1987 Stuart Elliott Fund, Corpus Christi College (£180)
1986, 88 Cambridge Philosophical Society (£120 & £100)
1987 Lerner-Gray Fund, American Museum of Natural History (US\$ 650)
1987 Bartle Frere Exhibition, Cambridge (£250)
1986, 87 Percy Sladen Memorial Fund (£200 & £300)
1986, 87 Sigma Xi Grant-in-Aid (US\$ 350 & US\$ 800)
1986 Company of Biologists (£150)
1986 Worts Travelling Scholars Fund (£100)
1986 Darwin College, Cambridge (£100)

Student scholarships and prizes

1989-90 Stuart Elliott Fund, Corpus Christi College (£450)
1989-90 Cambridge Philosophical Society (£620)
1988-89 Corpus Christi College Research Studentship (£1,225)
1988-89 Canadian Centennial Scholarship Fund, Canadian Women's Club (£500)
1987-89 Lundgren Studentship, Board of Graduate Studies, University of Cambridge (£1,848 & £1,000)
1987-89 Stanley Gardiner Studentship, Department of Zoology, University of Cambridge (£1,600 & £250)
1986-88 I.O.D.E. War Memorial Scholarship (C\$18,000)
1985-88 Overseas Research Studentship, Committee of Vice-Chancellors and Principals, U.K. (3 x £3,400)
1986-87 Sidney Perry Foundation Studentship (£250)
1986-87 Sir Richard Stapley Educational Trust Studentship (£170)
1985-86 Foreign and Commonwealth Office Award (£1,500)
1985-86 Cambridge Commonwealth Trust Award (£2,000)
1985-86 Darwin College Award (£500)
1985-86 Royal Canadian Legion and Women's Auxiliary Fund (C\$700)
1984-85 Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship (C\$12,000): I declined further renewal.
1980-81 Helen I. Battle Scholarship in Zoology, University of Western Ontario
1977-78 University of Western Ontario Entrance Scholarship

1977

Outstanding Graduating Scholar Award, Sir Fredrick Banting Secondary
School, London, Ontario

(c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator
Hong Kong Government	<i>Independent Expert Review of 3rd Party Findings</i>	NC	\$50,000	2013	A. Vincent	
Convention on the International Trade of Endangered Species (CITES)	<i>Supporting Indonesia, Thailand and Vietnam for implementation of CITES listings for seahorses.</i>	NC	\$60,000	2012-2013	A. Vincent	
World Wildlife Fund (held at UBC)	<i>A guide to Identifying Seahorses</i>	NC	US\$15,000	2003	A. Vincent	
CITES	<i>Preparation and co-ordination of a CITES technical workshop on the conservation of seahorses and other syngnathids</i>	NC	US \$43,410	2002	A. Vincent	

(d) *Invited Presentations*

Invited presentations given since 1990 (while declining many others)

- Vincent, A.C.J. 2013. *Collaborating for Conservaton*. Interface product launch. Calgary, Canada Sept 2013.
- Vincent, A.C.J. 2013. *Making a difference: The Project Seahorse / Shedd Aquarium partnership for marine conservation*. John G. Shedd Aquarium, Chicago, USA. 9 Aug 2013.
- Vincent, A.C.J. 2012. *Seahorses and CITES: a tale of hope*. Cambridge Conservation lunch, Cambridge (UK) May 2012
- Vincent, A.C.J. 2012. *Incentives for inshore marine conservation*. Cambridge Conservation Leadership Programme. MPhil course (UK) Jan 2012
- Vincent, A.C.J. 2011. *Getting real about marine protected areas: pragmatism in planning and implementation*. Conservation seminar series, University of Cambridge (UK) Nov 2011
- Vincent, A.C.J. 2011. *Getting real about marine protected areas: pragmatism in planning and implementation*. Biological and Environmental Sciences, University of Gothenburg (Sweden) Oct 2011
- Vincent, A.C.J. 2011. *Seahorses are way cool because ---*. Beaty Museum of Biodiversity, UBC. 5 June 2011.
- Vincent, A.C.J. 2011. *Marine conservation is all about onions*. John G. Shedd Aquarium. Chicago, USA. May 2011

- Vincent, A.C.J. 2011. Panel on *Individual Transferable Quotas in British Columbia*, Fisheries Centre, UBC. Apr 2011
- 2011 Third Institute of Oceanography, Xiamen, China. Feb. 2011 [plus several days of associated extended engagement] • University of Guelph Aquatic Biology. March 2011 • Fisheries Centre, UBC. March 2011 • Göteborgs Universitatet, October 2011.
- 2010 Panel on “Fostering sustainable futures to support decision making”, Institute for Resources, Environment and Sustainability, UBC. Sept 2010
- 2009 Monterey Bay Aquarium (USA) Board of Trustees and special guests. March 2009.
- 2008 National Association of College & University Food Services (Pacific Region) • *Imagining a Sustainable Future* continuing studies course, UBC
- 2006 Simon Fraser University (Canada)
- 2005 University of California at Davis (USA) x 2 • John G. Shedd Aquarium staff (USA) • New England Aquarium staff (USA) • New England BioLabs (Beverley, MA, USA) • Milton Academy (Milton, MA, USA) • St. Mary’s University (Halifax, N.S.)
- 2004 Hopkins Marine Station, Stanford University, (USA) • Centre for Research on Women’s Studies and Gender Relations, UBC (Canada)
- 2003 Resource Management and Environmental Sciences, UBC (Canada)
- 2002 Cornell University (USA) • Monterey Bay Aquarium Research Institute (USA) • Monterey Bay Aquarium (USA) • John G. Shedd Aquarium, Chicago (USA) • Simon Fraser University (Canada) • Fisheries Centre (UBC) • UBC Fisheries Centre International Advisory Council visit (x 2)
- 2000 Laval University (Quebec, Canada) • University of Ottawa (Canada)
- 1999 Concordia University (Montreal, Canada) • Queen's University x 2 (Kingston, Canada)
- 1998 University of British Columbia Fisheries Centre • University of British Columbia graduate course in conservation • Universite de Sherbrooke (Canada - in French) • MacDonald Campus, McGill University (Canada) • John G. Shedd Aquarium (Chicago, USA) • WildInvest (Donor group, UK) • Environment Australia (Federal government agency, Canberra, Australia)
- 1997 International Development Research Centre (IDRC: Ottawa, Canada) • McGill University (Montreal, Canada)
- 1996 Royal Geographical Society - Hong Kong • Imperial College (Silwood Park), London
- 1995 Chinese University of Hong Kong • Pattimura University (Ambon, Indonesia) • University of the Philippines (Diliman, Manila) • University of Oxford (UK)
- 1994 University of Lausanne (Switzerland - in French) • Stanford University (USA) • York University (Canada) • Institute of Zoology (London, UK) • University of Newcastle (UK) • University of Sheffield (UK)
- 1992 University of Sydney (Australia) • Australian National University (Canberra, Australia) • Monash University (Melbourne, Australia) • University of Bristol (UK)
- 1991 University of Uppsala (Sweden) • University of Western Ontario (Canada) • University of Cambridge (UK) • Workshop on Behavioural Ecology of Fishes (Erice, Sicily, Italy) • Havsfiskelaboratoriet (Lysekil, Sweden).
- 1990 Universitat Wurzburg (Germany) • Forschungszentrum Julich (Germany)

<i>(e)</i>	<i>Other Presentations</i>
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- 2003 Project Seahorse Foundation for Marine Conservation Inc Board of Trustees (Philippines) • Press conference, Antwerp Zoo, Belgium (Guylian Chocolates) • UBC Fisheries Centre International Advisory Council visit (x 2)

<i>(f)</i>	<i>Conference Participation (Organizer, Keynote Speaker, etc)</i>
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Advanced workshops organised

- **Molloy, P.P., A. Nellas, & A.C.J. Vincent.** 2011. Marine Protected Areas in the Philippines: ever more, ever better. Cebu, Philippines. 27-29 June 2011.
- **Molloy, P.P. & A.C.J. Vincent.** 2011. *Saving the shallow seas: hold your breath for conservation success.* International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- **Vincent, A.C.J., & H.J. Koldewey.** 2011. *How can flagship species do more for marine conservation ?* International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- *Thinking Big: a global look at fisheries science.* Vancouver, Canada. 2-3 May 2006. Funded by the University of British Columbia in honour of Prof. Daniel Pauly. 120 invited participants.
- *CITES Technical workshop on seahorses and other syngnathids.* Funded by CITES. Cebu City, Philippines. 27-29 May 2002. 33 invited participants from 15 countries.
- *Project Seahorse Fisheries Workshop.* White Point, Nova Scotia. 3-4 June 2001. Funded by the John G. Shedd Aquarium. 13 invited participants.
- International workshop on *Husbandry, management and conservation of seahorses.* Shedd Aquarium, Chicago, USA, 6-9 December 1998. Funded by American Zoological Association Conservation Endowment Fund and the Osprey Foundation. 35 invited participants from world's leading public aquaria, with all continents represented.
- International workshop on *The management and culture of marine species used in traditional medicines.* Cebu, Philippines, 5-9 July 1998. Funded by the International Development Research Centre. 38 invited participants from 17 countries.
- *National conference - workshop on the conservation and management of seahorses in the Philippines.* Cebu, Philippines, 21-22 May 1998. Funded by Foundation for Philippines Environment (FPE) and Foundation for Sustainable Society Inc. (FSSI). 28 invited participants.
- International workshop on *The adaptive bases of female sexual behaviour.* Glasgow, Scotland. 13-15 September 1991. Association for the Study of Animal Behaviour workshop. 24 invited participants.

Discussion workshops organised

- **Vincent, A.C.J.** 2013. *Developing and planning the IUCN SSC Seahorse, Pipefish and Stickleback Specialist Group.* Second International Syngnathid Biology Symposium (Syngbio 2013), Faro, Portugal. March 2013
- **Baillie, J. & A.C.J. Vincent.** 2012. *Alternative Livelihoods and Conservation.* Zoological Society of London, UK. 28 May 2012.
- **Kleiber, D.L. and Vincent, A.C.J.** *Gender and Conservation Workshop.* Presented to Fauna and Flora International. Cambridge, UK. 6 April 2012.
- **Kleiber, D.L. and Vincent, A.C.J.** *Gender and Conservation Workshop.* Presented to International Baccalaureate World Student Conference. The University of British Columbia. 26 July 2012.
- **Vincent, A.C.J. & J. Baillie.** 2012. *Alternative Livelihoods and Conservation.* IUCN SSC Chairs meeting. Abu Dhabi. Feb 2012
- **Vincent, A.C.J.** 2012. *Making a difference to wild populations and places: experiences in success and futility.* Student Conference on Conservation Science, Cambridge (UK) March 2012.
- **Vincent, A.C.J.** 2012. *Shallow seas,* Cambridge Conservation Forum (UK) March 2012

Capacity building workshops hosted

- Foster, S.J. and **Vincent, A.C.J.** 2013. *Making NDFs for seahorses under CITES,* Nha Trang, Vietnam, 29-31 May 2013
- Foster, S.J. and **Vincent, A.C.J.** 2013. *Making NDFs for seahorses under CITES,* Burapha University, Bangsaen, Thailand, 10-12 June 2013

NB: These workshops brought together the CITES Scientific and Management Authorities and national experts to analyse the status of seahorses and to assess how exports could be better regulated.

Invited speaker (and other unusual contributions) to meetings**Invited and Other Presentations:**

- *Keynote speaker*: Student Conference on Conservation Science. Cambridge, UK. March 2014. [This is a high profile engagement at the preeminent early career meeting in our field.]
- *Invited speaker*: **Vincent, A.C.J.** The Sea Around Us: 50 years of marine conservation. Rachel Carson and Ruth Harrison 50 years on. Biodiversity Institute, University of Oxford, UK. 12 March 2013.
- *Keynote (and concluding) address*: **Vincent, A.C.J.** *The tale of the pregnant males: wither seahorses (and pipefishes) ?*. Second International Syngnathid Biology Symposium (Syngbio 2013), Faro, Portugal. 28 March 2013.
- *Keynote speaker*: **Vincent, A.C.J.** 2011. *It works to accept marine reserves wherever we can get them*. Reef Conservation UK. London, UK. 5 December 2011.
- *Lead speaker*: **Vincent, A.C.J.** 2011. *Saving the Shallows: Focusing marine conservation where people might care*. Science and Conservation Event, Zoological Society of London (UK) Nov 2011
- *Invited symposium speaker*: Foster, S.J., H.J. Koldewey and **A.C.J. Vincent**. 2009. Allies and approaches for moving the seahorse trade towards sustainability. Society for Conservation Biology Annual Meeting, Beijing, China. July 2009.
- *Invited keynote speaker*. Graduate Students Symposium, Department of Fisheries and Wildlife, Michigan State University, USA 20 & 21 March 2008
- *Invited participant*: Symposium for Canada's Oceans' Future: A Dialogue to Assess Options for Establishing a National Commission on Ocean Policy and Management. Ottawa, Canada. March 12-14, 2008.
- *Keynote speaker*: Annual meeting of the National Association of College & University Food Services (Pacific Region), Vancouver, Canada February 2008.
- *Invited speaker* **Vincent, A.C.J.** Symposium on *Behavioral Perspectives in Fish Conservation and Management*. 135th annual meeting of the American Fisheries Society. 11-15 September 2005. Anchorage Alaska, USA [declined with regrets].
- *Invited symposium speaker*: Blanco, A.P., P.G. Auxilio, and **A.C.J. Vincent**. Building an alliance of Phillipines' subsistence fishers for marine conservation. For complementary symposia on *Real-world social and economic solutions to preserve biodiversity: Community-based Social Marketing and Endangered Forests*. 19th Annual Meeting of the Society for Conservation Biology, Brasilia. 15-19 July 2005. [A. Blanco attended and gave presentation]
- *Invited technical expert and speaker*: **Vincent, A.C.J.** & H.J. Koldewey. An uncertain future for seahorse aquaculture in conservation and economic contexts. For *Regional Technical Consultation on Stock Enhancement of Species Under International Concern*. Hosted by the Southeast Asian Fisheries Development Center. 13-15 July 2005. Iloilo, Panay, Philippines.
- *Invited speaker* **Vincent, A.C.J.** Trade in non-food and luxury reef products. For Zoological Society of London symposium on *Coral Reef Conservation*. 16-17 December 2004, London UK.
- *Invited symposium speaker*: **Vincent, A.C.J.** Symposium on *Managing for Resilience: An Integrated Approach to Coastal Marine Science and Conservation*. Aug. 23-27, 2004. Friday Harbour, Washington. [declined with regrets].
- *Invited plenary speaker*: **Vincent, A.C.J.** 16th Annual World Conference on Ecological Restoration Aug. 24-26, 2004, Victoria, B.C. [declined with regrets].
- *Invited symposium speaker*: **Vincent, A.C.J.**, A.M. Perry and B. Kwan Sai Ping. Contributions of urban data to assessing sustainability of global seahorse trade. For symposium on *Assessing the sustainability of the wildlife trade using data from urban markets*. Society for Conservation Biology, New York. 30 July – 2 August 2004.
- *Keynote speaker*: **Vincent, A.C.J.** Reconciling fisheries with conservation on coral reefs. World Fisheries Congress. Vancouver, Canada. 2-6 May 2004.

- *Oral contributor and Chair of Working Group: Vincent, A.C.J.* 20th CITES Animals Committee meeting. Johannesburg, South Africa. 29 March – 2 April 2004.
- *Invited speaker: Vincent, A.C.J.* Saving seahorses means saving the seas. Cyamus Regional Group of IAMSLIC, Annual Meeting: Neighbouring Waters. University of British Columbia, Vancouver, Canada. 3-6 March 2004.
- *Invited symposium speaker: Vincent, A.C.J., A.D. Marsden & U.R. Sumaila.* The role of globalization in creating and addressing seahorse conservation problems. Symposium on *Colonialism, Nationalism and Globalization: The Philippines and Filipino Americans*. University of Washington, Southeast Asia Center. 27 February 2004. [A. Vincent invited but D. Marsden gave presentation].
- *Invited expert (and Chair of Working Group).* CITES international workshop on seahorse fishery management. Mazatlán, Mexico. 3-5 February 2004. Gave three talks on *International trade in seahorses*, *Universal minimum size limit for seahorses in trade*, and *Seahorse trade in Indonesia and in Vietnam*.
- *Oral contributor and Chair of Working Group: Vincent, A.C.J.* 19th CITES Animals Committee meeting. Geneva, Switzerland. 18-21 August 2003.
- *Host and presenter:* 10th Annual Whitley Awards for Conservation, Royal Geographical Society, London, UK. 13 March 2003. Two hours of guiding, managing and presenting an awards ceremony for a foundation that confers £700,000. Patron HRH the Princess Royal on stage with me. Was invited as first winner of Whitley Award for Conservation in 1994.
- *Workshop co-ordinator: Vincent, A.C.J.* *Pew Fellows Action for the Ocean* [preparing action statements of policy initiative]. Pew Fellows Annual Meeting, Bonaire, Netherlands Antilles. 19-23 October 2002.
- *Invited speaker: Vincent, A.C.J.* *Global trade in syngnathids*. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27-29 May 2002.
- *Oral contributor and Chair of Working Group: Vincent, A.C.J.* 18th CITES Animals Committee meeting. San Jose, Costa Rica. 8-12 April 2002.
- *Invited speaker: Vincent, A.C.J.* *Project Seahorse's syngnathid conservation field programme*. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27-29 May 2002.
- *Plenary invitation: Vincent, A.C.J.* *People and the Planet – Changing Values for a Sustainable Future*. Sierra Club of Canada. June 2002. [declined with regrets.]
- *Invited participant and speaker: Vincent, A.C.J.* IUCN Species Survival Commission Marine Program Planning Meeting, Washington DC. 5-7 November 2001.
- *Oral contributor and Chair of Working Group: Vincent, A.C.J.* 17th CITES Animals Committee meeting. Hanoi, Vietnam. 30 July-3 August 2001.
- *Oral contributor and Chair of Working Group: Vincent, A.C.J.* 16th CITES Animals Committee meeting. Shepherdstown, W. Virginia, USA. 11-15 December, 2000.
- *Invited participant and speaker: Vincent, A.C.J.* From Extraordinary Fish to Extraordinary Fisheries. Pew Fellows Program in Marine Conservation 2000 Annual Meeting. La Paz, Mexico. 1-5 November, 2000.
- *Invited symposium speaker: Vincent, A.C. J.* Much depends on knowing your fish: making biological research work for conservation. World Conservation Congress. Amman, Jordan, 4-11 October 2000.
- *Keynote speaker: Vincent, A.C.J.* Much depends on knowing your fish: making behaviour work for conservation. Ethology, Evolutionary Ecology and Conservation of Fishes. Athens, Georgia, USA, 20-24 May 2000.
- *Invited symposium speaker: Vincent, A.C.J.* and M.G. Pajaro. Empowering fishers to conserve and manage seahorses. XIX Pacific Science Congress, Sydney, 4-9 July 1999.
- *Invited public lecture: Vincent, A.C.J.* Australia and the international trade in seahorses. XIX Pacific Science Congress, Sydney, 4-9 July 1999.
- *Invited panellist:* Establishing fisheries reserves as "insurance" against overfishing. Creating a sea change: resolving the global fisheries crisis. WWF's Endangered Seas Campaign and Living Planet Campaign, Expo 98, Lisbon. 14-15 September 1998 [declined with regrets].

- *Invited speaker: Vincent, A.C.J.* Working with fishers to conserve and manage seahorses. Workshop on "Incentives, private sector partnerships and the marine and coastal environment". Global Biodiversity Forum 8, Montréal, 29-31 August 1997.
- *Invited speaker: Vincent, A.C.J.* Establishing marine reserves with subsistence communities. Workshop on Design and Monitoring of Marine Reserves. Vancouver, Canada. 18-20 February 1997.
- *Invited speaker: Vincent, A.C.J.* IUCN and the international trade in seahorses. IUCN UK Sustainable Fisheries seminar. London, UK, 13 December 1996.
- *Keynote speaker: Vincent, A.C.J.* Potential costs and benefits of ecotourism to coastal villages. Symposium on Indonesian Tourism and Marine Ecology, Jakarta, 18-20 September 1996.
- *Invited symposium speaker: Vincent, A.C.J., M.G. Pajaro, N.C. Perante, and D.Y. Buhat.* Managing a Philippines seahorse fishery for conservation. 8th International Coral Reef Symposium: Population and Ecosystem Sustainability of Reef Fishing. Panama, 24-29 June 1996.
- *Invited speaker: Vincent, A.C.J.* Monogamy and male care: from cichlid to seahorse. "Ecological and Evolutionary Ethology of Fishes" conference. Victoria, Canada, 15-18 May 1994.
- *Invited contributor/leader:* Postgraduate and faculty workshop on "Animal and Human Mating Systems" at University of California, Davis, USA, 26-30 March 1994.
- *Invited symposium speaker: Vincent, A.C.J.* Prospects for sex role reversal in teleost fishes. 7th International Ichthyological Congress. The Hague, The Netherlands, 26-30 August 1991.

Distinguished invited lectures

- Cambridge Conservation Leadership Lectures (UK): *Seahorses from sex to CITES*. University of Cambridge. 24 November 2011.
- Marcel N. Ali Memorial Lecture in Aquatic Biology: *Getting real about marine protected areas: pragmatism in design and implementation*. Axelrod Institute of Ichthyology and College of Biological Science, University of Guelph, Canada. 14 March 2011 [Also invited in 2002 and 2004.]
- Bevan Lecture Series: *Managing extraordinary fisheries, with a focus on seahorses*. University of Washington, Seattle, USA. 28 February 2002.
- Trafalgar Lecture: *Pregnant males at risk: partnerships for seahorse conservation*. Trafalgar School, Montréal. 23 October 1998.
- Whitley Award lecture: *Pregnant males and grasping tales*. Royal Geographical Society, London, UK. 25 September 1995.

Other invited participation in meetings

- *Invited participant: Vincent, A.C.J.* Current state of seahorse trade globally. Fiskebäckskil, Sweden. 25-29 April 2011
- *Invited participant: Vincent, A.C.J.* Texting to advance conservation. Cambridge Conservation Forum Summer Symposium. Cambridge, UK. 21 June 2012.
- *Invited participant: Vincent, A.C.J.* IUCN Species Survival Commission – Marine Conservation Subcommittee planning meeting. Wattens, Austria. 2-4 August 2006
- *Invited participant: Vincent, A.C.J.* Process Planning Expert Advisory Workshop. For Conservation Planning Tools Committee (BC Trust for Public Lands). Vancouver, Canada. 20-21 April 2006 [attended part-time].
- *Invited participant: Vincent, A.C.J.* Peer Review and advisory meeting on *Impacts of trawling on the seafloor and benthos*. For the Canadian Science Advisory Secretariat, Fisheries and Oceans Canada. Ottawa, Canada. 22-24 March 2006 [declined with regrets].
- *Invited participant: Vincent, A.C.J.* Global Marine Species Assessment Strategy Meeting, Conservation International, Washington, DC. 3-5 November 2005

- *Invited participant: Vincent, A.C.J.* Technical Marine Expert's Workshop. For Conservation Planning Tools Committee (BC Trust for Public Lands) Pacific Marine Analysis & Research Association on BC's Biodiversity Strategy. Vancouver, Canada. 29-30 October 2005 [attended by team member].
- *Invited participant: Vincent, A.C.J.* Workshop on BC's Biodiversity Strategy. Conservation Planning Tools Committee (BC Trust for Public Lands). Vancouver, Canada. 18 October 2005.
- *Invited participant: Vincent, A.C.J.* Conference on *Women in Science, Trade and Technology*. Embassy of Canada in Japan. 28-31 November, 2004. Tokyo Japan [declined with regrets].
- *Invited participant: IUCN Species Survival Commission Strategic Planning Workshop (2000-2005)*. Djerba, Tunisia. 23-26 March, 1999.
- *Invited participant: IUCN workshop on Red listing marine fishes*. Tokyo, Japan. 16-17 January 1999.
- *Invited participant: IUCN Fisheries Workshop*. Greyrocks, Québec. 6-8 April 1998.
- *Invited participant: IUCN Species Survival Commission Steering Committee meeting*. Gland, Switzerland. 22-23 April, 1997.
- *Invited participant: WWF/ZSL/IUCN workshop on "Threatened status of marine fish species"* London, 29 April - 1 May 1996.
- *Invited participant: "In a Muddle with the Media"* workshop on science in the media. The Royal Society, Nottingham, UK, 8 September 1994.
- *Invited participant: "Beyond Mating Systems"*. Association for the Study of Animal Behaviour (ASAB) workshop. Milton Keynes, UK, 7-8 November 1993.

Other meeting contributions [NB: oral presentation unless otherwise noted]

- Kleiber D.K, Harris, L. and **Vincent, A.C.J.** *The invisible walking fishers: gender, small-scale fisheries, and marine conservation*. Presented at the International Coral Reef Symposium. Cairns, Australia. 12 July 2012.
- Selgrath, J.C., S.E. Gergel, and **Vincent, A.C.J.** *Chasing declining resources: Spatial shifts of fishing practices in coral ecosystems*. Wildlife Institute of India, India. 2013
- Selgrath, J.C., Gergel, S.E. and **Vincent, A.C.J.** *Searching and Seeking for Seahorses and Sustainability*. Point Defiance Zoo and Aquarium, Tacoma, WA. 2012.
- Selgrath, J.C., Gergel, S.E., and **Vincent, A.C.J.** *Chasing declining resources: Spatial shifts of fishing practices in coral ecosystem*. Shedd Aquarium. Chicago, IL. 2012.
- Selgrath, J.C., Gergel, S.E., and **Vincent, A.C.J.** *Understanding the impacts of Small-Scale Fishing*. UBC Zoology Department Graduate Symposium. Vancouver, British Columbia. 2012
- Selgrath, J.C., Gergel, S.E., and **Vincent, A.C.J.** *Mapping declining resources: Habitat change under intense fishing pressure*. Centre for Spatial Environmental Research, University of Queensland, Australia. 2012
- Selgrath, J.C., Gergel, S.E., and **Vincent, A.C.J.** *Historic Shifts of Fishing Impacts to Coral Ecosystems*. Cambridge University Marine Seminar Series. Cambridge, UK. 2012
- Selgrath, J.C., Gergel, S.E., and **Vincent, A.C.J.** *Historic Shifts of Fishing Impacts to Coral Ecosystems*. Cambridge Conservation Research Group. . Cambridge, UK. 2012.
- Selgrath, J.C., S.E. Gergel, and **Vincent, A.C.J.** *Chasing declining resources: Spatial shifts of fishing practices in coral ecosystems*. International Coral Reef Symposium. Cairns, Australia. 12 July 2012.
- Wiswedel, S., Foster, S.J. and **Vincent, A.C.J.** *Red List Status of Syngnathids*. Second International Syngnathid Biology Symposium (Syngbio 2013), Faro, Portugal. March 2013
- Vincent, A.C.J.** 2012. *Alternative Livelihoods and Conservation*. ZSL Discussion meeting on Alternative Livelihoods and Conservation. London, UK. 28 May 2012.
- Kleiber, D., and **A.C.J. Vincent**. 2012. *Gender and Conservation Workshop*. Cambridge, UK, March 2012.
- Kleiber, D, Harris, L. and **A.C.J. Vincent**. 2012. *The Invisible Walking Fishers: Gender, Small-scale Fisheries, and Marine Conservation*. Student Conference on Conservation Science, Cambridge, UK, March 2012.
- Vincent, A.C.J.** 2012. *Alternative Livelihoods and Conservation*. IUCN SSC Chairs meeting (Abu Dhabi) Feb 2012

- Foster, S.J., H.J. Koldewey and A.C.J. Vincent. 2012. Citizens saving seahorses: An online database for seahorse sightings. The 2nd Citizen Cyberscience Summit, London, UK. February 2012.
- A.C.J. Vincent & D. Kleiber.** 2012. Women, fisheries and marine protected areas. Cambridge Conservation Forum Annual Symposium, Cambridge, UK. January 2012
- Caldwell I.R. and A.C.J. Vincent. 2011. Identifying environments for conservation of the European long-snouted seahorse using novel and traditional approach. Husbandry, Management and Conservation of Syngnathids Symposium, Shedd Aquarium, Chicago, IL, Nov. 2-4.
- Caldwell I.R. and A.C.J. Vincent. 2011. Advances in “tagging” syngnathids with examples from studying long-snouted seahorses. Husbandry, Management and Conservation of Syngnathids Symposium, Shedd Aquarium, Chicago, IL, Nov. 2-4.
- Kleiber, D, Harris, L. and A.C.J. Vincent. 2011. Gender and Small-scale Fisheries in the Central Philippines. Philippines Association of Marine Science Conference, Tagaytay, Philippines, October 2011.
- Selgrath, J.C. and A.C.J. Vincent. 2011. Fishing Impacts to Coral Ecosystems: Navigating Conservation with Ecosystems and People. Shedd Aquarium. Chicago, USA. August 2011.
- Vincent, A.C.J.** 2011. Project Seahorse and an onion. Marine Protected Areas in the Philippines: ever more, ever better. Cebu. Philippines. 27-29 June 2011.
- Kleiber, D, Harris, L. and A.C.J. Vincent. 2011. Gender and Marine Protected Areas in the Central Philippines. International Development Research Network Conference, Vancouver, Canada, May 2011.
- Caldwell, I.R. & A.C.J. Vincent. Identifying Environments for Conservation of a Sedentary Fish Using Novel and Traditional Approaches. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Czembor, C., S.J. Foster & A.C.J. Vincent. Making the IUCN Red List work for data poor marine species. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Kleiber, D, Harris, L. and A.C.J. Vincent. Gender and Marine Protected Areas in the Central Philippines. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Molloy, P.P., A.C.J. Vincent & J.A. Anticamara. Surveying fish in marine conservation: is it worth identifying fish to species or will family do? International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Molloy, P.P. & A.C.J. Vincent Upgrading shallow seas conservation: paving the way for productive practitioners and a passionate public. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Selgrath, J.C. & A.C.J. Vincent. Understanding how sparsely enforced laws and ecosystem gradients shape a seascape of fishing International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Vincent, A.C.J., M. Yasué, & L. Kaufman.** Community Perceptions and Biological Surveys Did Not Entirely Agree About Ecological Changes In and Around a Marine Reserve. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Vincent, A.C.J. & H. J. Koldewey.** Does saving seahorses mean saving the seas? International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- . International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Vincent, A.C.J., H.J. Koldewey & S.J. Foster.** Allies and approaches for moving the seahorse trade towards sustainability. International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Yasué, M., A. Nellas & A.C.J. Vincent. Seahorses helped drive creation of marine reserves, so what did the reserves do for the seahorses? International Marine Conservation Congress, Victoria, BC. 14-18 May 2011
- Vincent, A.C.J.** Current state of seahorse trade globally. Fiskebäckskil, Sweden. 25-29 April 2011
- Foster, S.J. and A.C.J. Vincent. 2009. Is tropical shrimp trawling a big problem for small fishes? Society for Conservation Biology Annual Meeting, Beijing, China. July 2009.
- Vincent, A.C.J., G. Hansen, N.C. Ban and M. Jones.** 2009. Hindsight in marine protected area planning: what difference would biological data have made ? International Marine Conservation Congress, Fairfax, USA. 19-24 May 2009. [presented by J.L. Rist in my absence.]

- O'Donnell, K., M.G. Pajaro and **A.C.J. Vincent**. 2009. Telling a story of exploitation with informal data: the story of a seahorse fishery. History of Marine Animal Populations II Conference. The University of British Columbia, Vancouver, B.C. 27 May 2009.
- Yasué, M., L. Kaufman and A.C.J. Vincent. 2009. Assessing ecological changes in and around marine reserves using community perceptions and biological surveys. International Marine Conservation Congress, Fairfax, USA. 19-24 May 2009.
- Foster, S.J. and **A.C.J. Vincent**. 2009. Is tropical shrimp trawling a big problem for small fishes? International Marine Conservation Congress, Fairfax, U.S.A. 19-24 May 2009.
- O'Donnell, K., Pajaro, M., and **A.C.J. Vincent**, 2009. Reconstructing a fishery for seahorses that are listed on both IUCN and CITES, as a step towards recovery targets. International Marine Conservation Congress. May 19-24. Washington, D.C., USA. Oral presentation.
- Caldwell, I.R. and **A.C.J. Vincent**. 2009. Environmental predictors of distribution in a sedentary fish. Fisheries and Marine Ecosystems Graduate Student Conference, Crescent Beach, British Columbia, Canada, 17-19 April 2009. Poster Presentation.
- Foster, S.J. and **A.C.J. Vincent**. 2009. Is bycatch a big problem for small fishes? Fisheries and Marine Ecosystems Graduate Student Conference, Crescent Beach, British Columbia, Canada, 17-19 April 2006. Poster Presentation.
- Foster, S.J. and **A.C.J. Vincent**. 2009. Is bycatch a big problem for small fishes? Student Conference on Conservation Science, Cambridge, UK, 24-26 March 2009. Poster Presentation. [Judged best of 150 posters]
- Foster, S.J. and **A.C. J. Vincent**. 2009. A web based tool to assist CITES Parties with seahorse conservation. Microsoft Research, Cambridge, UK. 27 March 2009. Oral Presentation.
- Foster, S.J. and **A.C. J. Vincent**. 2009. Making Non-Detriment Findings for seahorses (*Hippocampus* spp.). International Expert Workshop on CITES Non-Detriment Findings, Cancun, Mexico, 17-22 November 2008. Oral Presentation.
- Foster, S.J. and **A.C. J. Vincent**. 2009. A web based tool to assist Parties with seahorse conservation. International Expert Workshop on CITES Non-Detriment Findings, Cancun, Mexico, 17-22 November 2008. Oral Presentation.
- O'Donnell, K., Pajaro, M., Morgan, S.K., and **A.C.J. Vincent**. 2008. Reconstructing a fishery for seahorses as a step toward recovery targets. UBC/SFU/UVic Ecology and Evolutionary Biology Retreat. Brackendale, B.C., 1 November 2008. Oral presentation.
- O'Donnell, K., Pajaro, M., Morgan, S.K., and **A.C.J. Vincent**. 2008. Reconstructing a fishery for seahorses as a step toward recovery targets. The Sea Ahead ? Using history to plan for the future of fisheries. Peter Wall Institute of Advanced Studies, UBC, 15 October 2009. Oral presentation.
- Foster, S.J. and **A.C. J. Vincent**. 2008. Advancing seafood sustainability at UBC - Identifying the challenge. Food is Fundamental Conference, The University of British Columbia, Vancouver, British Columbia, Canada. 24 September, 2008. Oral Presentation.
- Samoilys, M.A., K.M. Martin-Smith, B. Giles, B. Cabrera, J. Anticamara, E.O. Brunio and **A.C. J. Vincent**. (2006). Fish responses to five neighbouring reserves in the Philippines: similarities and differences. 20th Annual Meeting of the Society for Conservation Biology, San Jose, California. 25-29 June, 2006.
- Magera, A., S. Morgan, H. Koldewey and **A.C.J. Vincent**. CITES related shifts in the live seahorse trade: Los Angeles as a case study. 20th Annual Meeting of the Society for Conservation Biology, San Jose, California. 25-29 June, 2006.
- Anticamara, J.A. and **A.C.J. Vincent**. 2006. Spatio-temporal dynamics of reef communities inside marine protected areas. Fisheries and Marine Ecosystems Graduate Student Conference, Crescent Beach, British Columbia, Canada, April 28-30 2006. Oral Presentation.
- Anticamara, J.A. and **A.C.J. Vincent**. 2006. Dynamics and recovery of degraded reef communities. Hopkins Marine Station, Monterey Bay, California, USA. 16 Feb 2006.

- Pajaro, M.G., M. Mulrennan and **A.C.J. Vincent**. 2005. Marine Protected Areas Policy: the disconnect between the international, national and local. International workshop 'Changing Currents: Charting a course of Action for the Future of Oceans' organized by the Centre for Coastal Studies, Simon Fraser University. February 23-26, 2005.
- McCue, A. and **A.C.J. Vincent**. 2004. CITES: a new tool for regulating international marine fisheries. Wildlife Law Conference, American Association of International Law. Tulane University, New Orleans, Louisiana. 19-20 November, 2004.
- Koldewey, H.J., S.J. Foster and **A.C.J. Vincent**. 2004. The CITES listing of seahorses. Regional Aquarium Workshop, Mote Marine Laboratory, Florida, USA. June 2004.
- Anticamara, J.A. and **A.C.J. Vincent**. 2004. The responses of fish and benthic communities on degraded reefs that are turned into Marine Reserves. 10th International Coral Reef Symposium. 28 June-2 July 2004. Okinawa, Japan
- Cabrera, B., B. Giles, M.A. Samoilys, D. McCorry, and **A.C.J. Vincent**. 2004. Long-term assessment of MPA success in Northern Bohol, Central Philippines. 10th International Coral Reef Symposium. 28 June-2 July 2004. Okinawa, Japan
- Foster, S.J., M.C. Cashman, and **A.C.J. Vincent**. 2004. Universal minimum size limits for managing trade in an entire genus of fishes listed on CITES Appendix II. 10th International Coral Reef Symposium. 28 June-2 July 2004. Okinawa, Japan. [oral presentation by Mary Cashman]
- Lourie, S.A. & **A.C.J. Vincent**. 2004. Seahorse phylogeography in the Coral Triangle. International Coral Reef Symposium, Okinawa, Japan. 10th International Coral Reef Symposium. 28 June – 2 July 2004. Okinawa, Japan. [oral presentation by Ghislaine Llewellyn].
- Morgan, S.K. and **A.C.J. Vincent**. 2004. Acknowledging the habitat requirements of juvenile coral reef fishes: the tiger-tailed seahorse *Hippocampus comes* as a case study. 10th International Coral Reef Symposium. 28 June - 4 July 2004. Okinawa, Japan.
- Pajaro, M.G., M. Mulrennan and **A.C.J. Vincent**. 2004. Developing Indicators of Effectiveness for Marine Protected Areas: A Comparison among Fishing Villages 10th International Coral Reef Symposium. 28 June-2 July 2004. Okinawa, Japan
- Maypa, A.P., M.A. Samoilys, D. McCorry, and **A.C.J. Vincent**. 2004. Rapid Assessment of Seahorse Densities and Associated Habitats in the Philippines. 10th International Coral Reef Symposium. 28 June-2 July 2004. Okinawa, Japan [poster presentation]
- Ban, N. and **A.C.J. Vincent**. 2004. Selecting ecologically viable marine protected areas in British Columbia. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Brunio, E.O. and **A.C.J. Vincent**. 2004. When a Fisheries Code Backfires. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada
- Cabrera, B., B. Giles, M.A. Samoilys, D. McCorry, and **A.C.J. Vincent**. 2004. Long-term assessment of MPA success in Northern Bohol, Central Philippines. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Curtis, J.M., and **A.C.J. Vincent**. 2004. Impacts on non-selective fishing gears on the population structure of two seahorse species in a coastal lagoon. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Foster, S.J. and **A.C.J. Vincent**. 2004. Universal minimum size limits for managing trade in an entire genus of fishes listed on CITES Appendix II. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada
- Giles, B., D. McCorry, M. Samoilys, E.O. Brunio and **A.C.J. Vincent**. 2004. Long term monitoring of a seahorse fishery in central Philippines. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Grey, M. A.M. Blais, A. Edwards and **A.C.J. Vincent**. 2004. The North American trade in marine fauna for curiosities. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]

- Hunt B.J. and **A.C.J. Vincent**. 2004. Bioprospecting – The use of marine organisms for the discovery and development of pharmaceutical drugs. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- McCue, A. and **A.C.J. Vincent**. 2004. CITES: a new tool for regulating international marine fisheries. Wildlife Law Conference, American Association of International Law. 19-20 November, 2004. Tulane University, New Orleans, Louisiana
- Martin-Smith, K., M. Samoilys, J. Meeuwig, and **A.C.J. Vincent**. 2004. Collaborative development of management options for an artisanal seahorse fishery in the central Philippines. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Samoilys, M., J. Anticamara, B. Giles, B.T. Cabrera, E.O. Brunio, **A.C.J. Vincent**. 2004. Variable impacts of seven MPAs on exploited fish species in Central Philippines. 4th World Fisheries Congress. 2-6 May 2004. Vancouver, Canada [poster presentation]
- Anticamara, J.A. and **A.C.J. Vincent**. The structure of fish and benthic communities of degraded reefs within Marine Protected Areas of the central Philippines. Coastal Zone Philippines conference “Integrated Coastal Management in the Philippines: 20 Years of Experience”, Cebu, Philippines, March 2004. [poster presentation]
- Cabrera, B., M.A. Samoilys, B.G. Giles, J.A. Anticamara, E.O. Brunio, and **A.C.J. Vincent**. 2004. A role for biological monitoring in the management of community-based MPAs in Northern Bohol, Central Philippines. Coastal Zone Philippines conference “Integrated Coastal Management in the Philippines: 20 Years of Experience”, Cebu, Philippines, March 2004.
- Panes, H.; B. Giles, S. Morgan, D. McCorry, and **A.C.J. Vincent**. 2004. Boom and bust fisheries in the Philippines: Monitoring a new seahorse fishery in northern Bohol for management insights. Coastal Zone Philippines conference “Integrated Coastal Management in the Philippines: 20 Years of Experience”, Cebu, Philippines, March 2004.
- Vincent**, A., Samoilys M.A., Anticamara, J., Giles, B., & Brunio, E.O.B. 2003. Monitoring responses to marine protected areas: baseline data from a BACI design in the Philippines. Second International Tropical Marine Ecosystems Management Symposium, Manila. March 24-27, 2003
- Lourie, S.A. and **A.C.J. Vincent**. 2003. Using biogeography to help set priorities in marine conservation. Frontiers of Biogeography – Inaugural Meeting of the International Biogeography Society, 4-8 January, 2003. Mesquite, Nevada, USA [poster presentation]
- Vincent**, A. Obituary for Bob Johannes. Pew Fellows Annual Meeting, Bonaire, Netherlands Antilles. 19-23 October 2002
- Johannes, R.E. 2002. The renaissance of community-based marine resource management in Oceania. Pew Fellows Annual Meeting, Bonaire, Netherlands Antilles. 19-23 October 2002 [posthumous presentation, by **A. Vincent**]
- Vincent**, **A.C.J.** *Global trade in syngnathids*. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27-29 May 2002
- Vincent**, **A.C.J.** *Project Seahorse’s syngnathid conservation field programme*. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27-29 May 2002
- Plenary invitation: **Vincent**, **A.C.J.** *People and the Planet – Changing Values for a Sustainable Future*. Sierra Club of Canada. June 2002. Declined with regret.
- Curtis J.M. and **A.C.J. Vincent**. 2002. Impacts of exploitation on the population structure of threatened European seahorses. Society for Conservation Biology & British Ecological Society Joint 2002 Meeting. University of Kent at Canterbury, UK. 14-19 July 2002.
- Vincent**, **A.C.J.** *Seahorses and other extraordinary fisheries*. Pew Fellows Program in Marine Conservation 2000 Annual Meeting. White Point, Nova Scotia. 30 May – 2 June 2001. [poster presentation]
- Wilson, A.B., I. Ahnesjö, **A. Vincent** and A. Meyer. *Detailed mtDNA phylogeny of seahorses and their relatives: inferences on the evolution of male brooding activities*. VII Congress of the European Society of Evolutionary Biology, Barcelona, Spain. 23-28 August 1999

- Hourie, S.A., S.P. Casey, J. Pritchard and **A.C.J. Vincent**. *Recognising seahorses at risk*. XIX Pacific Science Congress, Sydney, 4-9 July 1999.
- Vincent, A.C.J.** *Seahorse conservation and aquaria*. Opening presentation for the International workshop on "Husbandry, management and conservation of seahorses". Shedd Aquarium, Chicago, USA, 6-9 December 1998.
- Vincent, A.C.J.** *Setting the scene for marine medicinals*. International workshop on "The management and culture of marine species used in traditional medicines" Cebu, Philippines, 5-9 July 1998.
- Vincent, A.C.J.** *Introducing international seahorse conservation issues*. National conference - workshop on the conservation and management of seahorses in the Philippines" Cebu, Philippines, 21-22 May 1998.
- Vincent, A.C.J.** and M.G. Pajaro. *Community-based management for a sustainable seahorse fishery*. World Fisheries Congress. Brisbane, Australia. 28 July - 2 August 1996 [poster presentation and reserve talk]
- Vincent, A.C.J.** *Assessing the new seahorse fishery: are pregnant males at risk ?* International Ecology Congress, Manchester, UK, 21-26 August 1994.
- Vincent, A.C.J.** *China's economic boom may threaten seahorses*. Marine Biodiversity Conference, York, UK, 4 January 1994 [poster presentation]
- Vincent, A.C.J.** *The role of mating patterns in the evolution of sex roles in seahorses and pipefishes*. 4th International Behavioural Ecology Conference. Princeton, USA, 17-22 August 1992.
- Vincent, A.**, I. Ahnesjö, A. Berglund & G. Rosenqvist. Mating patterns and sex roles in pipefishes and seahorses. Association for the Study of Animal Behaviour winter meeting. London, UK, 4 December 1992.
- Vincent, A.C.J.** *Pair bonding in seahorses*. 3rd International Behavioural Ecology Conference. Uppsala, Sweden, 22-26 August 1990.
- Vincent, A.C.J.** *Seahorses are not sex role reversed, despite the male pregnancy*. Royal Society Discussion Meeting "The Evolution of Reproductive Strategies". London, UK. 17-18 October 1990. [poster presentation]

Local posters

- Magera, A. and **A.C.J. Vincent**. Sustainable Seafood. Aquatic Ecosystem Resources Laboratory (AERL Building) Building Opening. 10 March 2006. [poster presentation].
- Foster, S.J. and **Vincent, A.C. J.** 2006. A single minimum size limit for 34 species in international trade. Aquatic Ecosystem Resources Laboratory (AERL Building) Building Opening. 10 March 2006. [poster presentation].
- Vincent, A.C. J.** 2006. A breakthrough in marine fish conservation and management. Aquatic Ecosystem Resources Laboratory (AERL Building) Building Opening. 10 March 2006. [poster presentation].
- Anticamara, J.A. and **A.C.J. Vincent**. 2006. Recovering degraded reef communities: Does location matter? Aquatic Ecosystem Resources Laboratory (AERL Building) Building Opening. 10 March 2006. [poster presentation].

(g) Other

Public lectures since 1990

- 2013 Dive deeper: A very successful partnership. John G. Shedd Aquarium, Chicago, USA. [On the occasion of the launch of the RAVE Photographic Expedition] 8 Aug 2013
- 2008 Action on Seafood Sustainability: Consumer Impact on Dwindling Marine Resources. UBC's Celebrate Research week. Robson Square, 11 March 2008 • Magnussen School, Vancouver.
- 2005 New England Aquarium, Boston (USA)
- 2004 Talk of the Town, UBC Robson Square • Science and Technology Lecture Series, Malaspina College, Nanaimo • Vancouver Natural History Society
- 2003 Vancouver Monthly Meeting, Religious Society of Friends (Quakers) • Press conference, Antwerp Zoo, Belgium (Guylian Chocolates)

2002	Monterey Bay Aquarium, USA (x 2) • Winnebago County Forest Preserve District, World Earth Day, Winnebago, IL
2001	Guylian Chocolates Press Launch, Sydney, Australia
2000	The Study, Montréal, Canada • Women Associates of McGill • Guylian Chocolates Press Launch, Chicago, USA
1999	Guylian Chocolates Press Launch, Brussels, Belgium • McGill Alumni, Chicago (USA) • Guylian Chocolates Press Launch, Montréal, Canada
1998	Montréal Society of Zoologists (Canada) • Friends of the Redpath Museum (Montréal, Canada) • Threatened Species Network, Australia (Hobart, Australia) • Marine and Coastal Community Network, Australia (Melbourne and Adelaide, Australia)
1995	Hong Kong Marine Conservation Society & Marine Biological Association • Cokethorpe School (UK)
1994	International Marine Aquarists' Association (Weston-super-Mare, UK)
1993	WWF supporter's group (Oxford, UK)
1992	The Australian Museum Society (Sydney, Australia); Eton College (Windsor, UK)

10. SERVICE TO THE UNIVERSITY

(a) Memberships on committees, including offices held and dates

UBC Committees

University

2010 – 2011	Selection Committee, Associate Vice-President Research and International
2005 –	UBC Seafood Sustainability Project, SEEDS programme (to investigate making UBC a leader in the purchase and sale of sustainable seafood)
2005 - 2009	UBC Sustainability Advisory Committee
2003 - 2004	Distinguished University Scholars Selection Committee (16 hours in F 2003, 26 hours in W 2004)
2006	Lecturer, UBC CONNECT programme for Grade 10 & 11 students interested in academics, global issues and UBC. 10 July 2006

- Contributed six summaries of research impact to Prof. Helen Burt, Associate Vice-President Research and International (2012). All were used in the University's portfolio.
- Contributed input and advice to UBC's Senior Advisor to the Provost on Women Faculty, Prof Rachel Kuske (2012).
- Participated (by invitation) in Women's Faculty Leadership Forum – 31 October & 1 November 2013
- Served as trial experience for UBC's Animal Care Committee as it developed Postapproval Monitoring for field projects involving animals. Prepared presentation and accepted questions for an hour.

International Development Research Network

2011	(1) Panelist in <i>Resource and Environmental Management</i> themed workshop and (2) Professional Development Seminar on grant writing. <i>International Development Conference for Graduate</i> Student Researchers
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Faculty of Science

2013	Faculty resource person. World Café 3. Creating Connections: working together to transform our world. The University of British Columbia. 10-11 May 2013.
2013	Focus groups x 2. Faculty of Science Working Climate Focus Group. 30 April, 9 May

Faculty of Graduate Studies / College for Interdisciplinary Studies

2004 - Advisory Committee, Centre for Women's and Gender Studies
2005 - 2006 Co-ordinating Group, Future of Interdisciplinarity at UBC
2004 - 2005 Equity Committee
2003 Fisheries Centre Director Search Committee (c. 20 hours)

Fisheries Centre

2013- Graduate Advisor. Fisheries Centre. From January 2013.
2013 Organized and led one day workshop on the future of the Fisheries Centre's graduate training. 18 April 2013. Preparation and follow up >20 hours, in addition to the workshop itself.
2012-2013 Search Committee, CRC Tier II (Assistant Professor), Fisheries Centre. > 70 hours
2009 – 2011 Space committee
2011 Hosting delegation from Zhejiang Ocean University, China
2004 Women in Fisheries group
2004 Fisheries Centre Faculty Position Search Committee (c. 20 hours)
2002-2004 Planning group for *Aquatic Ecosystems Research Laboratory*

Institute for Resources, the Environment and Sustainability

2010 - 2011 RMES Scholarship /Awards Committee
2008 - 2009 RMES Scholarship /Awards Committee
2006 Les Lavkulich scholarship Committee, RMES graduate programme

Other units

2013 Reviewer for BRITE Workshop applications. UBC Biodiversity Centre.
2012 Contributed quotes on seahorses and belonids to Beaty Biodiversity Museum exhibition
2011 Ad hoc support for animal welfare/rights issue. Department of Zoology, UBC

McGill University Committees

Faculty of Science

1998, 2000 - 2002 Leo Yaffe Teaching Awards Committee

Department of Biology

2001 Search committee for faculty post in Community Ecology, Dept of Biology
1999 - 2000 Search committee for the Chair, Department of Biology
1999 - 2000 Departmental review committee / Cyclical review committee
1997 - 2000 Curriculum committee

McGill School of the Environment

1999 - 2000 Selection Committee for joint MSE / Anthropology faculty position
1997-1999 Planning Committee for MSE U3 core course
1997-1998 Advisory Committee for Environment and Development Domain
1997-1998 involved in planning Aquatic Sciences Domain
1997-1998 involved in planning Biodiversity and Conservation Domain

(b) Other service, including dates**Larger community**

- 2005 Judge, Greater Vancouver Regional Science Fair, Youth Science Foundation, Canada
 2005 Judge, Canada-Wide Science Fair, Youth Science Foundation, Canada

UBC

- 2012 Participated (by invitation) in Women's Faculty Leadership Forum – 31 Oct & 1 Nov
 2012 Contributed six summaries of research impact to Prof. Helen Burt, Associate Vice-President Research and International. All were used in the University's portfolio.
 2012 Contributed input and advice to UBC's Senior Advisor to the Provost on Women Faculty, Prof Rachel Kuske
 2006 Lecturer, UBC CONNECT programme for Grade 10 and 11 students interested in academics, global issues and UBC

Presentations in support of UBC or Faculty development goals

- 2005 Concept paper for a Joint Marine Conservation Programme for the Association of Pacific Rim Universities (APRU) • UBC Faculty of Graduate Studies Advisory Council (Canada) • UBC Development office luncheon, Duncan, BC (Canada)

Sabbatical visitors & visiting fellows

- 2012-2013 Dr. Senlin Zheng, Third Institute of Oceanography, Xiamen, PR China. Conservation of shallow seas.
 2008 Dr. Leslie Kaufman, Department of Biology, Boston University, USA. Marine management area science
 2006-2007 Dr. Michael L. Jones, Department of Fisheries and Wildlife, Michigan State University, USA. Examining recent innovations in practical and quantitative fisheries management techniques, as developed or advocated by scientists within the Fisheries Centre.
 1999-2000 Dr. Ierece Marie de Lucena Rosa, Universidade Federal da Paraíba, 58059-900 João Pessoa PB, Brazil. Carrying out research on tropical fish ecology and conservation, and developing new collaborations with my team.

11. SERVICE TO THE COMMUNITY**(a) Memberships on scholarly societies, including offices held and dates**

- 2010 - present Editorial Board, *Aquatic Conservation: Marine and Freshwater Systems*

(b) Memberships on other societies, including offices held and dates**Membership of Professional Societies**

- 1996 - International Society for Reef Studies
 1995 - Fellow, Royal Geographical Society
 1992 - Society for Conservation Biology
 1991 - 2001 Association for the Study of Animal Behaviour
 1991 - 2005 Marine Conservation Society, U.K.
 1990 - International Society for Behavioural Ecology

1985 - Fellow, Cambridge Philosophical Society

(c) *Memberships on scholarly committees, including offices held and dates*

2007 – 2009 Marine Conservation Subcommittee, Species Survival Commission,
2013 - IUCN (World Conservation Union) [interrupted for extended parental leave]

2010 – *Marine representative*, IUCN International Red List Committee, Geneva

2007 – Marine Protected Areas Working Group,
Ocean Management Research Network, Canada

2005 - *Chair*, Syngnathid Red List Authority, International Union for the Conservation of Nature (IUCN), Geneva.

2003 – 2011 *Chair*: Board of Trustees, *Project Seahorse Foundation for Marine Conservation Inc.*, Philippines.

2000 – 2004 *Chair*: Syngnathid Working Group, Animals Committee,
Convention on the International Trade in Endangered Species of Wild
Fauna and Flora (CITES)

1997 – 2001 Steering Committee, Species Survival Commission of IUCN (World
Conservation Union) with special responsibility for coastal species

(d) *Memberships on other committees, including offices held and dates*

2005 Judge, Greater Vancouver Regional Science Fair, Youth Science Foundation, Canada
2005 Judge, Canada-Wide Science Fair, Youth Science Foundation, Canada
2004 - Member, Informal Regional Marine Protected Area (MPA) Science Group for British
Columbia

(e) *Reviewer*

Peer reviewed

- *Scientific papers*: Acta Ichthyologica, American Naturalist, Animal Behaviour, Aquaculture, Aquatic Biology, Aquatic Conservation, Asian Fisheries Science, Australian Journal of Marine and Freshwater Research, Behavioral Ecology, Behavioural Ecology and Sociobiology, Biological Conservation, Biology Letters, Conservation Biology, Conservation Letters, Copeia, Coral Reefs, Ecology, Current Biology, Environmental Biology of Fishes, Environmental Conservation, Estuaries, Fish and Fisheries, Functional Ecology, Journal of Experimental Marine Biology and Ecology, Journal of Fish Biology, Marine and Freshwater Research, Marine Biology, Molecular Ecology, Molecular Ecology Resources, Nature Communications, Neotropical Ichthyology, NZ Journal of Marine and Freshwater Research, Oryx, Proceedings of the Royal Society B, Science, South African Journal of Science, Trends in Ecology and Evolution
- *Grants*: NSERC Discovery Grants, Canada; NSERC Strategic Grants, Canada; SSHRC, Canada; National Science Foundation (NSF), USA; IDRC Research Chairs Initiative; National Geographic Research Grants, USA; International Foundation for Science; BP Conservation Programme 2004 Awards; Victoria University

of Wellington, New Zealand; US Dept of Agriculture - Small Business Innovation Research program; Wildlife Conservation Society, USA

- *Appointments*: Canada Research Chair College of Reviewers. 2003-2006
 - *Conference proceedings*: Proceedings of ICES/SCOR Symposium on Ecosystem Effects of Fishing
 - *Policy papers*: US CITES Scientific Authority. Working Paper 11.36
 - *Reports*: International Fund for Animal Welfare, USA
 - *Programme proposals*: World Resources Institute, Washington, DC; International Development Research Centre, Ottawa, Canada
 - *Book proposals*: Oxford University Press, Blackwell Publishing, Earthscan/Routledge, Longman
 - *Journal proposals*: Oxford University Press, Kluwer
- ... and colleagues' applications for promotion and tenure.

Scientific advisor on books

Speer, Y. in prep. Sidney the Seahorse [with Elanor Bell]
 Turner, P.S. 2010. *Project Seahorse*. Houghton Mifflin Harcourt, Boston & New York. 56 pp
 Lee, J. in press. Seahorses Down Under [with Elanor Bell]. Published when author was 15 years old.
 Walker, S. 1999. *Sea Horses*. Carolrhoda [with Elanor Bell]

(g) *External examiner (indicate universities and dates)*

Thesis examiner

2011 Kimberley Hruska. Ph.D. *Factors affecting egg retention and longevity in spawning female sockeye Salmon (Oncorhynchus nerka)*. University of British Columbia, Vancouver, Canada
 1997 Glenn Moore. M.Sc. Reproductive biology of the Western Australian seahorse *Hippocampus subelongatus*. University of Western Australia, Perth, Australia
 1997 Matthew Chapman (Dr. D.L. Kramer). Coral reef fish movements and the effectiveness of the Barbados Marine Reserve. M.Sc. McGill University, Canada
 1993 Carl Smith (Dr. R.J. Wootton). The costs of parental care in teleost fishes. Ph.D. University of Aberystwyth, Wales.

(h) *Consultant (indicate organization and dates)*

See “areas of special interest and accomplishments” above – Section 9(a)
 See “contracts” above – Section 9(c)
 See “public lectures” above – Section 9(g)

(i) *Other service to the community*

12. AWARDS AND DISTINCTIONS

(a) *Evidence of distinction (indicate name of award, awarding organizations, date)*

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

2010 One of six finalists for the global 2010 Indianapolis Prize (US\$100,000).
 For significant achievement in animal conservation.

- 2007 Canada Research Chair in Marine Conservation, for research excellence, from the Government of Canada [renewal]
- 2007 Yves Rocher Woman of the Earth (US\$7,000)
“for acting for the good of nature and the well-being of all humankind”
- 2005 Chevron Conservation Award (US\$15,000) honoring outstanding contributions to the conservation of natural resources
- 2002 Canada Research Chair in Marine Conservation, for research excellence, from the Government of Canada
- 2000 Pew Fellowship in Marine Conservation (US\$150,000 for three years) for *Analyses and advocacy in extraordinary fisheries*
 Considered the world’s pre-eminent award in marine conservation.
- 1999 Swire Award, Whitley Awards Scheme, Royal Geographical Society (£15,000) for *Assessing Asian trade in seahorses and their relatives*
- 1998 Rolex Award for Enterprise (US\$50,000) for *Empowering fishers to conserve and manage seahorses*
 (Five winners were selected among 2600 applicants from 130 nations)
- 1997 Grand Prix International pour l'Environnement Marin from the Confédération Mondiale des Activités Subaquatiques (CMAS) (joint winner of FF50,000)
- 1994 Whitley Award in Animal Conservation, Royal Geographical Society (£15,000)
- 1991 The Royal Society, UK (£2,500)
 John Murray Travelling Studentship in Oceanography and Limnology

(c) <i>Other Awards</i>

- 2008 Award for the “*Best Field Conservation Project*” from the British and Irish Association of Zoos and Aquariums (for team)
- 2001 Significant Achievement Award for International Conservation, American Association of Zoos and Aquariums, for the *John G. Shedd Aquarium / Project Seahorse partnership for Marine Conservation* (for team)

Honours

- 2012 Featured in Scardina, J. and J. Flocken. 2012. *Wildlife Heroes: 40 Leading Conservationists and the Animals They Are Committed to Saving*. Running Press. 264 pp. [<http://wildlifeheroes.org/>]. NB: This book has received excellent reviews and the American Zoo & Aquarium Association (AZA) is distributing it to all U.S. Senators.
- 2000 *La Presse* Personality of the Year - Humanities and Social Sciences, Science and Technology category - Montréal, Canada

1999 Named one of 25 *Leaders for the 21st Century* - TIME Magazine Canada

Honorary appointments

2006 - *Honorary Professor*, Department of Ecology & Biodiversity,
The University of Hong Kong, HK, China

2003 - *Conservation Fellow*: Zoological Society of London, UK

1997 - 2002 *Adjunct Professor*: Fisheries Centre, University of British Columbia,

1996 - 2003 *Honorary Research Fellow*: Institute of Zoology, London, UK

1995-1998, *Honorary Research Fellow*: The Swire Institute of Marine Science,
2000-2003 The University of Hong Kong

1995 - *Fellow*: Royal Geographical Society

Books written about our work

Turner, P.S. 2010. *Project Seahorse*. Houghton Mifflin Harcourt, Boston & New York. 56 pp

Walker, S. 2000. *Seahorses of the South Pacific*. Smithsonian Institute, USA [with Elanor Bell]

13. FURTHER PROFESSIONAL CONSERVATION ACTIVITIES

Advisory roles

Invited by the Convention on International Trade in Endangered Species (CITES) to advise the governments of Thailand and Vietnam on implementation of the Convention with respect to their international trades in seahorses. These Parties are being subject to formal review and remedial recommendations (which I wrote) because of their difficulties in ensuring that their exports are sustainable. **This is the first time that such a process of remedial action for Parties has ever been invoked for any marine fishes in international trade, thus requiring a great deal of innovation and enterprise.** We are setting precedent. The work is executed in collaboration with Dr. Sarah Foster, my Research Associate.

New initiatives

Public & citizen science

iSeahorse is our new citizen cyber science initiative, drawing on our scholarly, technical and outreach expertise. The website (**iSeahorse.org**) and **iPhone app** (on iTunes) were launched on 9 September 2013, and are serving as pioneering ventures for marine conservation and marine species. This is a collaboration with iNaturalist. We are now planning many enhancements, including trends layers and policy/media tools.

RAVE

The International League of Conservation Photographers (www.ilcp.org) granted us (in 2012) a Rapid Assessment Visual Expedition partnership. As a consequence, four of the world's best marine photographers undertook a photographic safari in April 2013 and produce a globally important photographic and film exhibition, at their own expense. Their goal is to document the marine life and human communities on Danajon Bank. This rare and highly threatened double barrier reef in the central Philippines has been the site of many Project Seahorse initiatives in marine conservation since 1995. The importance of this exhibit for

communicating conservation is such that we have already arranged for RAVE exhibits in public aquaria in London, Chicago, Hong Kong, Manila and more. The Chicago exhibit was opened on 8 August 2013.

Legislation and Customs action facilitated (with other team members)

- New South Wales, Australia (July 1, 2004): All native species of syngnathids are now protected under NSW state legislation, and collection is only permissible with a permit.
- CITES (1 April 2004): The Animals Committee working group on seahorses decided to propose a minimum size limit of 10 cm for all seahorses in international trade, as one means for 165 countries to move towards ensuring sustainability of trade.
- CITES (15 November 2002): The 12th Conference of the Parties (now 167 countries) decided (15 November 2002) to place all seahorse species (genus *Hippocampus*) on Appendix II, requiring formal monitoring and management of their international trade. This was the first time that CITES had agreed to list marine fishes of commercial importance, and set a precedent for other species, notably sharks. Project Seahorse provided virtually all technical input on seahorse trade, biology, taxonomy, and potential management measures.
- CITES (20 April 2000): The 11th Conference of the Parties (151 countries) formally agreed (i) to collate information on the biology, catch, bycatch and trade of seahorses and their syngnathid relatives, (ii) to host a technical workshop on syngnathid conservation and (iii) to direct the Animals Committee to produce a discussion paper for the 12th Conference of the Parties. Project Seahorse promoted such initiatives, and was then asked to Chair the Working Group that met all goals.
- Australia (1 January 1998): All Syngnathidae (seahorses, pipefishes, pipehorses, seadragons) and Solenostomidae (ghost pipefishes) came under the Wildlife Protection Act, then were placed under the Environment Protection and Biodiversity Conservation Act in 2001. All exports now require permits.
- Hong Kong (1 January 1998): Customs monitoring of all seahorse and pipefish imports and exports implemented.
- European Union (1 June 1997): All seahorses placed on Annex D of the Wildlife Trade Regulations, requiring that imports be recorded.

Policy support

- IUCN delegate to the 26th meeting of the CITES Animals Committee, March 2012. Geneva. Switzerland. Resulted in formal CITES recommendations to Thailand and VietNam to improve sustainability of seahorse exports, which I crafted. Also resulted in other parties being brought into the significant trade review process.
- IUCN delegate to the 25th meeting of the CITES Animals Committee, July 2011. Geneva. Switzerland. Resulted in Parties being brought into the significant trade review process, and asked to prove that their exports were sustainable.
- CITES: Chair, Syngnathid Working Group, CITES Animals Committee. Fostered working group action to obtain information, hold a technical workshop, write the subsequent discussion document, devise implementation guidelines.
- IUCN: Member of the Steering Committee, Species Survival Commission of IUCN (World Conservation Union) with special responsibility for coastal species (1997-2000); Acting as Red List authority for syngnathids under new guidelines for assessment; Assessed all seahorses and many pipefishes; Played a key role in establishment of SSC Grouper and Wrasse Specialist Group, and SSC Salmon Specialist Group.
- Australia: External reviewer and advisor for Environment Australia (federal government agency), assessing applications for permits to export seahorses and their relatives and suggesting management protocols (1997 to present); Briefing meetings with policy-makers, conservationists and public audiences on syngnathid conservation and marine management (Aug 1998); Formal contributions to conservation assessments for estuarine and marine fishes (Sept 1999).
- Marine Aquarium Council: Active consultative role in the development of this international venture to develop and promote practices for a sustainable aquarium trade, including ecolabelling.

- Position statements: Project Seahorse produces a suite of briefings to advise policy makers, resource managers and other stakeholders (see publications below).

Marine Protected Areas and community management

- Fostered the establishment and support of 34 marine reserves (no-take zones) in very poor fishing communities of the central Philippines. All these reserves are community supported and managed. Most have formal management plans and councils, created by the villagers.
- The first marine reserve that we initiated (Handumon, Getafe, Bohol) was named the best marine protected area in the Philippines (of about 1000 candidates) by the national Marine Protected Areas Support Network, because of its biological recovery and community commitment.
- Initiated the creation of KAMADA, an Alliance of Fishers' Organizations in Danajon Bank in the Philippines. Nearly 1000 of the poorest fishing families in 21 communities across the 145 km length of Danajon Bank have found a common voice to encourage governments to enforce fishing laws, mobilize communities on conservation issues, and implement and manage MPAs.

Other conservation activities

Individual

- Undertook first biological field work on seahorses underwater, executed first trade surveys on seahorses, and developed first field conservation programme for seahorses.

Team

- Serve as Syngnathid focal point for FishBase global information tool.
- Host network of seahorse and pipefish researchers worldwide (in academia and other institutions). About 145 people from 36 countries, including 10 Project Seahorse people.
- Organise and maintain library of all publications on seahorses, accessible to researchers world-wide.
- Launched network of aquarium professionals with interests in seahorses and pipefishes. Now involves nearly 300 people from 75 different public aquariums/zoos and 7 independent organizations, in 17 countries.
- Helped develop exhibits on seahorse biology and conservation (based on Project Seahorse work) in at least 12 major public aquaria reaching more than 10 million visitors per annum.
- Respond to many hundreds of public enquiries about seahorses and their conservation each year
- Engaged 16,000 visitors in activities related to seahorse conservation at the Seahorse Celebration weekend. John G. Shedd Aquarium, Chicago, USA. 27-28 March 1999.
- Supported creation of the *Seahorse Symphony* exhibit gallery at John G. Shedd Aquarium, Chicago, USA (May 1998- Jan 2004). In 1999, it won the American Association of Zoos and Aquariums award for the best exhibit, and its run was eventually extended from 18 months to 5.5 years.