

## THE UNIVERSITY OF BRITISH COLUMBIA

## Curriculum Vitae for Faculty Members

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DEPARTMENT/SCHOOL: Institute for the Oceans and Fisheries

FACULTY: Science

## PRESENT RANK:

- (1) Professor, since 2014
- (2) Director, Project Seahorse

## POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University of Cambridge, United Kingdom (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	Hons. B.Sc	Zoology	1977 – 1981

## Title of Ph.D. Dissertation and Name of Supervisor:

*Reproductive ecology of seahorses* – Professor T.H. Clutton-Brock FRS, University of Cambridge, UK

## 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)</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 Sydney	<i>Visiting scientist</i>	Nov. 1991 – April 1992
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>Visiting scientist, Centre d'Ecologie Fonctionnelle et Evolutive (CEFE), Centre National des Recherches Scientifiques (CNRS), Montpellier, France</i>	Feb – July 2018
<i>Canada Research Chair in Marine Conservation (Tier II); Director, Project Seahorse; Associate Professor</i>	2002 – 2012
<i>Visiting scientist, Department of Geography, University of Cambridge, UK</i>	2011 – 2012
<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>Faculty Member: Biodiversity Research Centre</i>	2003 –
<i>Associate Member: Department of Zoology</i>	2002–

## c) Date of granting of tenure at UBC:

Arrived at UBC with tenure, July 2002

## LEAVES OF ABSENCE

August 2017 to July 2018: Study/sabbatical leave

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)

## MY SCHOLARLY IMPACTS EXPLAINED

As a conservation scientist, it is my responsibility to apply my scholarly knowledge to advance conservation. I undertake research and inform conservation action for many species, in many regions, with many stakeholders, and at many levels of government. I see my intellectual role as similar to that of a physician in a university setting, with both research and clinical obligations... that cross-fertilize repeatedly to promote effective discovery and application of knowledge.

**So, I am a university professor and I also act directly in marine conservation. In reading this C.V., please note that it captures the research elements of my work far more than the management and policy aspects. The latter derives directly from my research and is evidence-based.**

As a key vehicle for my conservation endeavours, I co-founded (in 1996) and am Director of **Project Seahorse**, a knowledge-driven conservation group based at the University of British Columbia, Canada, and the Zoological Society of London, UK (where it is led by Professor Heather Koldewey). My team and I paint a very broad canvas intellectually and programmatically, working to advance seahorse science, establish marine protected areas, limit problem fisheries and regulate wildlife trade. We are currently particularly focused on trying to end bottom trawling in a fair and equitable way, as this is the single biggest threat to seahorses, a major scourge on marine life in general and deeply problematic in social and economic terms.

Much of my scholarly work is contributed through the IUCN, the International Union for the Conservation of Nature ([www.iucn.org](http://www.iucn.org)), the definitive body for conservation world-wide. The IUCN is the global union for conservation, embracing about 1400-member organizations including 225 government agencies and about 1100 non-governmental organizations, including academic institutions and indigenous groups.

My work (and that of my team) has often been pioneering. I here summarise just a few examples, all of them directly derived from and/or contributing to primary research.

- Catalysed creation of 35 marine reserves (no-take zones) in fishing communities of the central Philippines. All these reserves are community supported and managed. Most have formal MPA management plans and councils, created by the villagers under our guidance. Most have seen measurable increase in the number, diversity and size of fishes therein.
- Drove the first ever global export regulations for marine fishes (2002), thus creating a new application for the UN Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Provided the technical input on seahorse trade, biology, taxonomy, and potential management measures that led CITES 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 and rays.
- Induced the Hong Kong Chinese Medicine Merchants Association to implement a voluntary code of conduct for their seahorse imports: minimum size limits and avoid pregnant males.
- Researched and authored the first ever report on seahorse fisheries and trade, which directly provoked management and policy action at regional, national and global levels.
- Developed minimum size limits and no-take marine protected areas for seahorses that have been adopted at regional, national and global levels.
- Persuaded Guangxi province (China) to add seahorse habitats to its provincial marine spatial planning.
- Motivated the European Union to begin monitoring imports of seahorses and pipefishes (1997).
- Motivated Hong Kong to initiate monitoring of trade in seahorses and pipefishes (1998).
- Motivated Australia to regulate the extraction of syngnathid fishes (1998), the first time any marine fish had been brought under the Wildlife Protection Act (later the Environmental Protection and Biodiversity Conservation Act).
- Helped motivate New South Wales, Australia to protect all native species of syngnathids (2004), under NSW state legislation, with collection only permissible by permit.
- Led CITES to propose measures for Parties to begin meeting their national obligations under CITES, even while more analysis continued.
- Co-authored first technical manual to support CITES Parties in achieving sustainability of their seahorse exports. First ever for marine fishes.
- Catalysed the CITES Standing Committee decision (2016) to suspend exports of *Hippocampus algiricus* from Senegal and Guinea, through our trade analysis.
- Provided the impetus for Thailand's decision (2016) to suspend all exports of seahorses until it can better regulate export under CITES. Thailand has been the source of about 75–80% of all recorded exports of seahorses.
- Obtained commitments from the 182 nations of CITES to tackle illegal trade in seahorses globally, with a strong research and management/policy agenda (2019). This action was prompted by our paper revealing that 95% of imports to Hong Kong were illegally sourced.
- Worked with the Philippines Bureau of Fisheries and Aquatic Resources, to generate an action plan for implementing CITES protection for seahorses, now that the country has re-aligned its Fisheries Code to match CITES controls and restrictions.

- Generated the first global IUCN Red List assessments (of global conservation status) for marine fishes (1996).
- Completed IUCN Red List conservation assessments for all 323 species of syngnathiform fishes (2017), and have embarked on a new round of assessments to be completed in 2025.
- Determined that the CITES export regulations for seahorses (that we generated) have radically changed the live trade in seahorses such that almost none now come from the wild, even while the dried trade remains a challenge.
- Drafted and catalysed IUCN Resolution 95, calling for all >1400 member organizations to support conservation of seahorses, pipefishes and seadragons (family Syngnathidae) by taking action on species assessment, habitat protection, fisheries management, illegal wildlife trade and so much more.
- Conducted the first dive research of Patagonian seahorses in Argentina, working to bolster an important marine protected area (2022).
- Investigated seahorse fisheries and trade the whole length of Peru at the behest of the national government to help with its CITES obligations (2022).
- Catalysed formal agreements by 183 countries plus the European Union to act on illegal trade in seahorses (2022)
- Joined the Steering Group for the global Transform Bottom Trawling Coalition (2022), promoting tight constraints on areas where bottom trawling is permitted, and an end to subsidies for bottom trawl fisheries.
- Investigated how eight Asian countries are implementing their self-imposed bans on seahorse exports (2023), uncovered the need for tighter regulation to combat the consequent massive smuggling of seahorses, and fed that into policy decisions.
- Provoked CITES to require national action plans from Parties involved in seahorse exports (2022) and we then supported countries to develop and provide these plans (2024).
- Established a national Philippines Seahorse Program, billed as “Saving Mr. Mom” (2024), at the behest of – and in partnership with – the national Bureau of Fisheries and Aquatic Resources (BFAR), which has now billed seahorses as priority species, and embarked on many collaborative ventures for their conservation.
- Celebrated 10 years of iSeahorse (2024), our community science programme, and delighted in how well the more than 10,000 observations so far have advanced understanding of seahorse biology.

## REFEREED PUBLICATIONS

*Protocol for authorship:* I made direct, substantial and vital intellectual contributions to all publications. Unless I was clearly the first author, my name usually goes at the end of the list as principal investigator. The names of people I supervised or directed are underlined. We use a formal protocol for deciding authorships. A list of additional publications by my team (without me as co-author) is also available.

*I have contributed 131 refereed publications in total, including 121 journal articles, 5 conference proceedings, 1 monograph, 3 book chapters, and 1 technical manual. See below for an additional 130+ non-refereed contributions (including a book) plus other works and media coverage.*

### Journal articles

1. Vaidyanathan, T., Foster, S.J., Ramkumar, B. & **A.C.J. Vincent**. In press. A practical approach to meeting national obligations under CITES. *Conservation Biology* ms ID 23-367.
2. Camins, E., Stanton, L. M., Correia, M., Foster, S. J., Koldewey, H. J & **A.C.J. Vincent**. 2024. Advances in life-history knowledge for 35 seahorse species from community science. *Journal of Fish Biology*. <https://doi.org/10.1111/jfb.15699>.
3. George, S. B., Böhm, M., & **A.C.J. Vincent**. 2023. New IUCN Species Survival Commission Marine Star Specialist Group. *Oryx*, 57(6), 689-689. <https://doi.org/10.1017/S0030605323001229>
4. Stump, E., Rosenfeld, J.S., & **A.C.J. Vincent**. 2023. Habitat associations and threat vulnerabilities of seahorses and pipefishes (Syngnathidae) in Biscayne National Park, Florida, USA. *Bulletin of Marine Science*. <https://doi.org/10.5343/bms.2022.0067>
5. Monteiro, N., Pinheiro, S., Magalhães, S., Tarroso, P., & **A.C.J. Vincent**. 2023. Predicting the impacts of climate change on the distribution of European syngnathids over the next century. *Frontiers in Marine Science*, 10, 458. <https://doi.org/10.3389/fmars.2023.1138657>
6. Rodríguez, J. P., Sucre, B., Mileham, K., Sánchez-Mercado, A., De Andrade, N., Bezeng, S. B., ... **Vincent**, **A.C.J.** & Xie, Y. 2022. Addressing the Biodiversity Paradox: Mismatch between the Co-occurrence of biological diversity and the human, financial and institutional resources to address its decline. *Diversity*, 14(9):708. <https://doi.org/10.3390/d14090708>
7. Foster, S.J., Justason, T.A., Magera, A., & **A.C.J. Vincent**. 2022. CITES makes a measurable difference to the trade in live marine fishes: the pioneering case of seahorses. *Conservation Biology*, 272, 109653. <https://doi.org/10.1016/j.biocon.2022.109653>
8. Pollom, R.A., Ralph, G.M., Pollock, C. M., & **A.C.J. Vincent**. 2021. Global extinction risk for seahorses, pipefishes and their near relatives (Syngnathiformes). *Oryx*, 55(4):497-506. <https://doi.org/10.1017/S0030605320000782>
9. Vaidyanathan, T. & **A.C.J. Vincent**. 2021. Status of India's seahorse fisheries two decades after it was banned. *Biodiversity and Conservation*, 30:2223–2253. <https://doi.org/10.1007/s10531-021-02188-6>.
10. Foster, S.J. & **A.C.J. Vincent**. 2021. Holding governments accountable for their commitments: CITES Review of Significant Trade for a very high-volume taxon. *Global Ecology and Conservation*, 27:e01572. <https://doi.org/10.1016/j.gecco.2021.e01572>
11. Vaidyanathan, T., Zhang, X., Balakrishnan, R., & **A.C.J. Vincent**. 2021. Catch and trade bans for seahorses can be negated by non-selective fisheries. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 31(1):43-59. <https://doi.org/10.1002/aqc.3419>
12. Zhang, X. & **A.C.J. Vincent**. 2020. China's policies on bottom trawl fisheries over seven decades (1949–2018). *Marine Policy*, 119:104062. <https://doi.org/10.1016/j.marpol.2020.104256>

13. Aylesworth, L., Foster, S.J., & A.C.J. Vincent. 2020. Realities of offering advice to governments on CITES. *Conservation Biology*, 34(3):644-653. <https://doi.org/10.1111/cobi.13451>
14. Stocks, A. P., Foster, S.J., Bat, N.K., Ha, N.M., & A.C.J. Vincent. 2019. Local fishers' knowledge of target and incidental seahorse catch in Southern Vietnam. *Human Ecology*, 47(3):397-408. <https://doi.org/10.1007/s10745-019-0073-8>
15. Zhang, X. & A.C.J. Vincent. 2019. Using cumulative-human-impact models to reveal global threat patterns for seahorses (*Hippocampus* spp.) *Conservation Biology*, 33(6):1380-1391. <https://doi.org/10.1111/cobi.13325>
16. Zhang, X. & A.C.J. Vincent. 2019. Conservation prioritization for seahorses (*Hippocampus* spp.) at broad spatial scales considering socioeconomic costs. *Biological Conservation*, 235:79-88. <https://doi.org/10.1016/j.biocon.2019.04.008>
17. Foster, S.J., Kuo, T-C., Wan, A.K.Y., & A.C.J. Vincent. 2019. Global seahorse trade defies export bans under CITES action and national legislation. *Marine Policy*, 103: 33-41 <https://doi.org/10.1016/j.marpol.2019.01.014>
18. Gillespie, K.M. & A.C.J. Vincent. 2019. Marine reserves drive both taxonomic and functional change in coral reef invertebrate communities. *Biodiversity and Conservation*, 28(4):921-938. <https://doi.org/10.1007/s10531-019-01702-1>
19. Gillespie, K.M. & A.C.J. Vincent. 2019. Tropical invertebrate response to marine reserves varies with protection duration, habitat type, and exploitation history. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 29(3):511-520. <https://t.co/e5lwSX24QD>
20. Manning, C.G., Foster, S.J., & A.C.J. Vincent. 2019. A review of the diets and feeding behaviours of a family of biologically diverse marine fishes (Family Syngnathidae). *Reviews in Fish Biology and Fisheries*, 29(2):197-221. <https://doi.org/10.1007/s11160-019-09549-z>
21. Kleiber, D., Harris, L., & A.C.J. Vincent. 2018. Gender and marine protected areas: a case study of Danajon Bank, Philippines. *Maritime Studies*, 17(2):163-175. <https://doi.org/10.1007/s40152-018-0107-7>
22. Kuo, T.C., Laksanawimol, P., Aylesworth, L., Foster, S.J., & A.C.J. Vincent. 2018. Changes in the trade of bycatch species corresponding to CITES regulations: the case of dried seahorse trade in Thailand. *Biodiversity and Conservation*, 27(13):3447-3468. <https://doi.org/10.1007/s10531-018-1610-2>
23. Manning, C.G., Foster, S.J., Harasti, D., & A.C.J. Vincent. 2018. A holistic investigation of the ecological correlates of abundance and body size for the endangered White's seahorse *Hippocampus whitei*. *Journal of Fish Biology*, 93(4):649-663. <https://doi.org/10.1111/jfb.13745>
24. Zhang, X. & A.C.J. Vincent. 2018. Predicting distributions and habitat preferences, and their conservation implications for a genus of rare fishes, seahorses, *Hippocampus* spp. *Diversity and Distributions*, 27(4):1005-1017. <https://doi.org/10.1111/ddi.12741>
25. Selgrath, J.C., Gergel, S.E., & A.C.J. Vincent. 2018. Shifting gears: Diversification, intensification, and effort increases in small-scale fisheries (1950-2010). *PLoS ONE*, 13(3): e0190232. <https://doi.org/10.1371/journal.pone.0190232>
26. Kuo, T.C. & A.C.J. Vincent. 2018. Assessing the changes in international trade of marine fishes under CITES regulations – a case study of seahorses. *Marine Policy*, 88: 48-57. <https://doi.org/10.1016/j.marpol.2017.10.031>
27. Aylesworth, L., Phoonsawat, R., & A.C.J. Vincent. 2017. Effects of indiscriminate fisheries on a group of small data-poor species in Thailand. *ICES Journal of Marine Science*, 75(2):642-652. <https://doi.org/10.1093/icesjms/fsx193>
28. Selgrath, J.C., Gergel, S.E., & A.C.J. Vincent. 2017. Incorporating spatial dynamics greatly increases estimates of long-term fishing effort: a participatory mapping approach. *ICES Journal of Marine Science*, 75(1): 210-220. <https://doi.org/10.1093/icesjms/fsx108>

29. Stocks, A., Foster, S.J., Bat, N.K., & A.C.J. Vincent. 2017. Catch as catch can: Targeted and indiscriminate small-scale fishing of seahorses in Vietnam. *Fisheries Research*, 196: 27-33. <https://doi.org/10.1016/j.fishres.2017.07.021>
30. Zhang, X. & A.C.J. Vincent. 2017. Integrating multiple datasets with species distribution models to inform conservation of the poorly-recorded Chinese seahorses. *Biological Conservation*, 211:161–171. <https://doi.org/10.1016/j.biocon.2017.05.020>
31. Aylesworth, L., Loh, T.L., Rongrongmuang, W., & A.C.J. Vincent. 2017. Seahorses (*Hippocampus* spp.) as a case study for locating cryptic and data-poor marine fishes for conservation. *Animal Conservation*, 20(5):444-454. <https://doi.org/10.1111/acv.12332>
32. Lawson J.M., Foster, S.J. & A.C.J. Vincent. 2017. Low bycatch rates add up to big numbers for a genus of small fishes. *Fisheries*, 42(1):19-33. <https://doi.org/10.1080/03632415.2017.1259944>
33. Aylesworth, L., Phoonsawat, R., Suvanachai, P., & A.C.J. Vincent. 2017. Generating spatial data for marine conservation and management. *Biodiversity & Conservation*, 26(2):383-399. <https://doi.org/10.1007/s10531-016-1248-x>
34. Selgrath, J. C., Roelfsema, C., Gergel, S.E., & A.C.J. Vincent 2016. Mapping for coral reef conservation: Comparing the value of participatory and remote sensing approaches. *Ecosphere*, 7(5). <https://doi.org/10.1002/ecs2.1325>
35. Cisneros-Montemayor, A. & A.C.J. Vincent. 2016. Science, society, and flagship species: social and political history as keys to conservation outcomes in the Gulf of California. *Ecology and Society*, 21(2). <http://dx.doi.org/10.5751/ES-08255-210209>
36. Lam, J.T.L., Koldewey, H.J., Yasué, M., & A.C.J. Vincent. 2016. Comparing interview and trade data in assessing changes in the seahorse *Hippocampus* spp, trade following CITES listing. *Oryx*, 50(1):36-46. <https://doi.org/10.1017/S0030605314000246>
37. Foster, S.J., Wiswedel, S., & A.C.J. Vincent. 2016. Opportunities and challenges for analysis of wildlife trade using CITES data – seahorses as a case study. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 26(1):154-172. <https://doi.org/10.1002/aqc.2493>
38. Cisneros-Montemayor, A.M, West, K., Boiro, I.S., & A.C.J. Vincent. 2015. An assessment of West African seahorses in fisheries catch and trade. *Journal of Fish Biology*, 88(2): 751-759. <https://doi.org/10.1111/jfb.12818>
39. Kleiber, D., Harris, L.M., & A.C.J. Vincent. 2015. Gender and small-scale fisheries: a case for counting women and beyond. *Fish and Fisheries*, 16(4): 547-562. <https://doi.org/10.1111/faf.12075>
40. Lawson, J.M., Foster, S.J., Lim, A.C.O., Chong, V.C., & A.C.J. Vincent. 2015. Novel life-history data for threatened seahorses provide insight into fishery effects. *Journal of Fish Biology*, 86(1): 1-15. <https://doi.org/10.1111/jfb.12527>
41. Yasué, M., Nellas, A., Panes, H. & A.C.J. Vincent. 2015. Monitoring landed seahorse catch in a changing policy environment. *Endangered Species Research*, 27:95-111, <https://doi.org/10.3354/esr00643>
42. Vincent, A.C.J. & J.M. Harris. 2014. Boundless no more. *Science*, 346(6208): 420-421. <https://doi.org/10.1126/science.1255923>
43. Kleiber, D., Harris, L.M., & A.C.J. Vincent 2014. Improving fisheries estimates by including women’s catch in the Central Philippines. *Canadian Journal of Fisheries and Aquatic Sciences*, 71(5): 656-664. <https://doi.org/10.1139/cjfas-2013-0177>
44. Vincent, A.C.J., Sadovy, Y.J., Fowler, S.L, & S. Lieberman. 2013. The role of CITES in the conservation of marine fishes subject to international trade. *Fish and Fisheries*, 15:563–592. <https://doi.org/10.1111/faf.12035>
45. Molloy, P.P., Evanson, M., Nellas, A.C., Rist, J.L., Marcus, J.E., Koldewey, H.J., & A.C.J Vincent. 2013. How much sampling does it take to detect trends in coral-reef habitat using photoquadrat surveys? *Aquatic Conservation: Marine and Freshwater Ecosystems*, 23(6):820-837.



- <https://doi.org/10.1002/aqc.2372>
46. Caldwell, I.R. & **A.C.J. Vincent**. 2013. A sedentary fish on the move: Effects of displacement on long-snouted seahorse (*Hippocampus guttulatus* Cuvier) movement and habitat use. *Environmental Biology of Fishes*, 96(1):67-75. <https://doi.org/10.1007/s10641-012-0023-4>
  47. Morgan, S.K. & **A.C.J. Vincent**. 2013. Life-history reference points for management of an exploited tropical seahorse. *Marine & Freshwater Research*, 64(3):185-200. <https://doi.org/10.1071/MF12171>
  48. O'Donnell, K.P., Molloy, P.P., & **A.C.J. Vincent**. 2012. Comparing fisher interviews, logbooks, and catch landings estimates of extraction rates in a small-scale fishery. *Coastal Management*, 40(6):594-611. <https://doi.org/10.1080/08920753.2012.727734>
  49. Caldwell, I.R. & **A.C.J. Vincent**. 2012. Revisiting two sympatric European seahorse species: Apparent decline in the absence of exploitation. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 22(4):427-435. <https://doi.org/10.1002/aqc.2238>
  50. Yasué, M., Nellas, A. & **A.C.J. Vincent**. 2012. Seahorses helped drive creation of marine reserves, so what did these protected areas do for the seahorses? *Environmental Conservation*, 39(2):183-193. <https://doi.org/10.1017/S0376892911000622>
  51. Foster, S.J. & **A.C.J. Vincent**. 2012. Advice in spite of great uncertainty: assessing and addressing bycatch of small fishes with limited data. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 22:639-651. <https://doi.org/10.1002/aqc.2243>
  52. **Vincent, A.C.J.**, Foster, S.J., & H.J. Koldewey. 2011. Conservation and management of seahorses and other syngnathids. *Journal of Fish Biology*, 78(6):1681-1724 <https://doi.org/10.1111/j.1095-8649.2011.03003.x>
  53. Hansen, G.J.A., Ban, N.C., Jones, M.L., Kaufman, L., Panes, H.M., Yasué, M., & **A.C.J. Vincent**. 2011. Hindsight in marine protected area selection: A comparison of ecological representation arising from opportunistic and systematic approaches. *Biological Conservation*, 144:1866-1875. <https://doi.org/10.1016/j.biocon.2011.04.002>
  54. Caldwell, I.R., Correia, M., Palma, J., & **A.C.J. Vincent**. 2011. Advances in tagging syngnathids with effects of dummy tags on behaviour of *Hippocampus guttulatus*. *Journal of Fish Biology*, 78(6):1769-1785. <https://doi.org/10.1111/j.1095-8649.2011.02983.x>
  55. Kleiber D., Blight, L.K., Caldwell, I.R., & **A.C.J. Vincent**. 2011. The importance of seahorses and pipefishes in the diet of marine animals. *Reviews in Fish Biology and Fisheries*, 21(2):205-223. <https://doi.org/10.1007/s11160-010-9167-5>
  56. Pajaro, M.G., Mulrennan, M., & **A.C.J. Vincent**. 2011. Towards an integrated marine protected areas policy: connecting the local to the global. *Environment, Development and Sustainability*, 12(6):945-965. <https://doi.org/10.1007/s10668-010-9233-0>
  57. Molloy, P.P., Anticamara, J.A., Rist, J.L., & **A.C.J. Vincent**. 2010. Frugal conservation: what does it take to detect changes in fish populations? *Biological Conservation*, 143(11):2532-2542. <https://doi.org/10.1016/j.biocon.2010.06.020>
  58. O'Donnell, K.P., Pajaro, M.G., & **A.C.J. Vincent**. 2010. How does the accuracy of fisher knowledge affect seahorse conservation status? *Animal Conservation*, 13(6):526-533. [featured article in issue] <https://doi.org/10.1111/j.1469-1795.2010.00377.x>
  59. O'Donnell, K.P., Pajaro, M.G., & **A.C.J. Vincent**. 2010. Improving conservation and fishery assessments with local knowledge: future directions. *Animal Conservation*, 13:539-540. [invited] <https://doi.org/10.1111/j.1469-1795.2010.00427.x>
  60. Foster, S.J. & **A.C.J. Vincent**. 2010. Using life history to assess potential for shrimp trawl impacts on small fishes. *Journal of Fish Biology*, 76(10):2434-2454. <https://doi.org/10.1111/j.1095-8649.2010.02631.x>
  61. Anticamara, J.A., Zeller, D., & **A.C.J. Vincent**. 2010. Spatial and temporal variation of abundance,

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## NON-REFEREED PUBLICATIONS

I have contributed more than 130 non-refereed publications in total, including 4 invited journal articles, 1 book chapter, 4 edited conference proceedings, 5 written conference proceedings, 2 technical manuals/reports, 1 edited volume of reports, 16 reports, 30 policy briefings, 8 working papers, 12 other professional contributions, 1 technical bulletin, 8 popular articles, 10 position papers, 26 short contributions and 2 book reviews. See below for other works and media coverage.

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- Zhang, X., Singh, G., & **A.C.J. Vincent**. 2020. Combining interdisciplinary approaches to evaluate policies on bottom trawl fisheries in China over seven decades. *IOF Working Papers 2020* (07), 47pp., Institute for the Oceans and Fisheries, University of British Columbia.
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- Keeping seahorses in aquaria
- Seahorse aquaculture
- Release of captive-bred seahorses into the wild
- Interspecific hybridization of seahorse species
- Collecting syngnathids for scientific research
- Seahorses and CITES
- CITES reservations on seahorses
- Seahorse taxonomy
- Use of syngnathids in Traditional Medicine
- Use of syngnathids in curiosities

## Short contributions, notes and bulletins

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- Jones, M. & **A.C.J. Vincent**. 2007. Response to Hilborn, R. 2006. Faith, Evolution, and the Burden of Proof. *Fisheries* 32(2):92.
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- Vincent, A.C.J.** 1994. The trade in seahorses. *Hong Kong Marine Conservation Society newsletter*. no. 16
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## Book reviews

- Vincent, A.C.J.** 1995. Principles of Conservation Biology. G.K. Meffe, C.R. Carroll and contributors. *Behavioural Ecology* 6:460
- Vincent, A.C.J.** 1993. The Ecology of Fishes on Coral Reefs. P.F. Sale (ed.). *Journal of Animal Ecology* 62:794-796.

## Social media

@Amanda Vincent1 on X: 6,130 followers  
Project Seahorse Facebook: 9,700 followers (increased 4% this year)  
Project Seahorse Instagram: 7700 followers (increased 7% this year)  
Project Seahorse LinkedIn: 821 followers  
Project Seahorse X: 7,685 followers  
In 2023 we launched accounts on Bluesky and Mastodon

We also manage two other Twitter accounts: @SSCmarine (for the IUCN SSC Marine Conservation Committee) & @IUCNSeahorse (for the IUCN SSC Seahorse Pipefish and Seadragon Specialist Group)

## BOOKS

Lourie, S.A., Vincent, A.C.J., and H.J. Hall. 1999. *Seahorses: an identification guide to the world's species and their conservation*. Project Seahorse, London, UK. x + 214 pp. ISBN 0 9534693 0 1 [out of print and reissued as CD-ROM in 2002]

## ARTISTIC WORKS, PERFORMANCES, DESIGNS

**Expedition Danajon Bank.** Special Photo Exhibit created by Project Seahorse and the International League of Conservation Photographers (iLCP) to support conservation of Philippines reefs. [I initiated the idea and supported its implementation by team mates and colleagues.] It opened at the John G Shedd Aquarium, Chicago, USA on 8 August 2013. London, Hong Kong, Manila and more to follow.

## OTHER WORKS (e.g. digital)

### Maps

Roelfsema, C.M., Selgrath, J., Gergel, S., A.C.J. Vincent & S.R. Phinn. 2016. *Habitat map of Danajon Bank, Philippines*. Derived from a high-spatial-resolution multi-spectral satellite image and georeferenced point intercept transect and spot-check survey field data, using an object-based image classification method. Pangaea. Dataset. <https://doi.pangaea.de/10.1594/PANGAEA.864306>

## Web sites (with other team members)

Project Seahorse. [www.projectseahorse.org](http://www.projectseahorse.org). Entirely revised online June 2021. I wrote all text. Directed primarily at people who can make change or provoke change. It covers our work and our plans on saving seahorses, establishing marine protected areas, limiting fisheries, regulating trade and conservation communications.

iSeahorse. [www.iseahorse.org](http://www.iseahorse.org). Launched 9 October 2013. This citizen science initiative provides the opportunity for everybody everywhere to contribute seahorse sightings to conservation. It will soon be enhanced by opportunities for trends monitoring and policy engagement.

IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group. [www.iucn-seahorse.org](http://www.iucn-seahorse.org). Launched June 2015. Explains and supports the Specialist Group.

CITES resource site, [www.HippocampusInfo.org](http://www.HippocampusInfo.org) [now migrated to [www.iseahorse.org](http://www.iseahorse.org)]. Launched March 2008. Policy tool for 182 nations to manage international trade in seahorses for sustainability. Website content was collected, created, and arranged by K. Martin-Smith, S.E.H. Bartnik, H.J. Koldewey & **A.C.J. Vincent**.

Vincent lab. [www.mcgill.ca/biology/faculty/vincent](http://www.mcgill.ca/biology/faculty/vincent) and [www.mcgill.ca/biology/labs/vincent](http://www.mcgill.ca/biology/labs/vincent) [now obsolete]

## Apps

**iSeahorse for iPhone.** Launched 9 October 2013. English or Spanish. Was available for download on iTunes/Apple Store, as of 2019 embedded into the iNaturalist app (and available for Android and iPhone).

## Blogs

- Vincent, A.C.J. (2021) Awards in the time of COVID. *Project Seahorse*. Posted 10 February 2021. <https://www.projectseahorse.org/awards-in-the-time-of-covid>
- Vincent, A.C.J. (2020) We inspired the whole conservation world to agree on some really important actions. *Project Seahorse*. *Project Seahorse*. Posted 15 December 2020. <https://www.projectseahorse.org/we-inspired-whole-conservation-world>
- Vincent, A.C.J. (2018) Patagonian seahorses send excited chills down my spine. *Project Seahorse*. Posted 7 February 2018. <http://www.projectseahorse.org/patagonian-seahorses-send-excited-chills-down-my-spine>
- Vincent, A.C.J. (2018) Trawling and trash: time to target our take. *Project Seahorse*. Posted 23 January 2018. <https://projectseahorse.org/trawling-and-trash-time-to-target-our-take>
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## 6. WORK SUBMITTED (including publisher and date of submission)

### In review for refereed journals

- Mangar, R.S., Foster, S.J., and **A.C.J. Vincent** Understanding Fishers to Change a Fishery – Why people are involved in the bottom trawl industry in India. *Marine Policy*. MS JMPO-S-24-00328 [submitted Manuscript number: JMPO-D-24-00413, Submitted: 2 April 2024]

## WORK IN PROGRESS (including degree of completion)

- Camins, E., Stanton, L.M., Bestbier, R.X., Foster, S.J. and **A.C.J. Vincent**. The development and challenges of iSeahorse. Completion 95%
- Cisneros-Montemayor, A.M., K. West, S. Foster, S. Wiswedel, C. Ransom and **A.C.J. Vincent**. Trade in West African seahorses, and its conservation implications. Completion: 95%
- De Capitani, J.D., Foster, S.J., **A.C.J. Vincent**. Spatial bans on bottom trawling: their ecological effectiveness and what can potentially influence their outcomes. Completion 80%
- Foster, S.J., Boyd, I.B., Ascione, S.J., and **A.C.J. Vincent**. The net catch: an inventory of fishes caught by the world's bottom trawls. Completion 80%
- Foster, S.J., Aylesworth, L., D.H. Hoang, N.K. Bat and **A.C.J. Vincent**. Vietnam's post-CITES catch and trade in seahorses. Completion 95%
- Foster, S.J., Stanton, L.M., Nellas, A.C., Arias, M.M. and **A.C.J. Vincent**. The catch and trade of seahorses in the Philippines post-CITES. Completion 95%
- Foster, S.J., Justason, T., and **A.C.J. Vincent**. Insight into the effectiveness of international trade controls: an analysis of CITES listings over time. Completion 50%
- Foster, S.J., and **A.C.J. Vincent**. Implementation of Appendix II listing for seahorses (novel framework). Completion 90%
- Gillespie, K.M. and **A.C.J. Vincent**. Night sampling is best for detection of coral reef invertebrates. Completion 95%
- Gillespie, K.M., Pauly, D., Kleiber, D., and **A.C.J. Vincent**. Length-based methods for assessment and management of a tropical invertebrate gleaning fishery. Completion 95%.
- Hicks, A., Foster, S.J., and **A.C.J. Vincent**. A worldwide review of e-commerce seahorse trade and its changes over time. Completion 95%
- Justason, T., Foster, S.J. and **A.C.J. Vincent**. Building out the CITES history database to allow analyses of CITES protections through time. Completion 75%
- Mangar, R.S., Foster, S.J., and **A.C.J. Vincent**. Understanding the Fishers of Thailand, Vietnam and Cambodia - Why people are involved in the bottom trawl industry. Completion 60%
- Vincent, A.C.J.**, H. Southam and R.X. Bestbier. Application of the global wetlands Convention to ocean species and spaces. Completion 70%.
- Vincent, A.C.J.** and R.X. Bestbier. Roles of SMS texting in conservation. Completed 50%
- Zhang, X. and **A.C.J. Vincent**. Tracking the evolution of China's bottom trawl fisheries and their implications for marine sustainability. Completed 95%

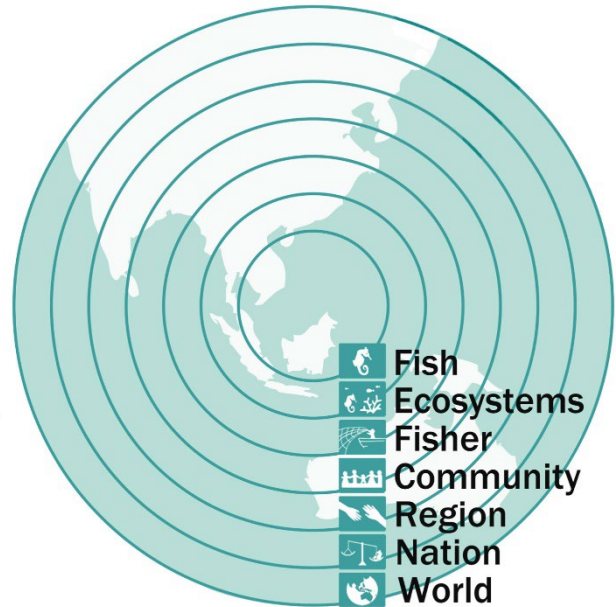
## SCHOLARLY AND PROFESSIONAL ACTIVITIES

PLEASE ALSO SEE DIRECT CONSERVATION CONTRIBUTIONS IN SECTION 13 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 organisation 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 seadragons.

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.



## (b) Evidence of impact

## Recognition of expertise

NB: The International Union for Conservation of Nature (IUCN) is uniquely composed of both government and civil society organisations. It provides 1300 public, private and non-governmental organisations with the knowledge and tools that enable human progress, economic development and nature conservation to take place together. [www.iucn.org](http://www.iucn.org)

- **External advisor, UN Convention on International Trade in Endangered Species.** With Sarah Foster, successfully prompted CoP19 to adopt new Decisions 19.228 to 19.232 that bind 184 Parties to take new action for seahorses in international trade.
- **Member, Steering Group, Transform Bottom Trawling Coalition** (2022 – present)
  - The Steering Group is responsible for strategic planning and governance of the Coalition.
  - This Coalition of 63 organizations “wants to see bottom trawling urgently tackled by all coastal nations, with evidence of a globally reduced footprint by 2030”.
- **Chair, Marine Conservation Committee, IUCN Species Survival Commission & Marine representative, Steering Committee, IUCN Species Survival Commission** (2017 – present)
  - The Steering Committee is responsible for guiding IUCN action on species.

- The SSC Marine Conservation Committee supports, connects and promotes expertise in marine species conservation. It assists 32 taxon and disciplinary Specialist Groups, Stand Alone Red List Authorities and Task Forces with marine interests. The MCC also works across IUCN marine commissions and in the broader global conservation community.
- **Founding Chair, IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group\*** (2012 – present)
  - 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 IUCN Syngnathid Red List Authority (see below) is now subsumed into this new role.  
\*Originally founded as IUCN Seahorse, Pipefish and Stickleback Specialist Group
  - Our Specialist Group is actively engaged in conservation assessments, conservation planning and support for local conservation efforts and initiatives in seahorse range states.
- **Marine representative, Steering Committee, IUCN Species Survival Commission** (2017 -present)
  - I lead the committee that supports conservation action for marine species globally, as undertaken by the IUCN.
  - I help guide and assist with conservation action by 30 Specialist Groups with marine taxa, from seagrasses to cetaceans.
  - Participate in group that connects all IUCN marine leads globally
  - The IUCN's Species Survival Commission (SSC) is comprised of 11,000 volunteer experts in species conservation, largely grouped by taxon
  - The SSC Steering Committee (SC) is responsible for guiding IUCN action on species. I am the SC member charged with marine issues.
- **Marine representative, IUCN International Red List Committee, Geneva** (2010 – 2018)
  - This is the governing body responsible for global assessments of species, to determine their conservation status and risk of extinction. The IUCN Red List was awarded the 2014 Prince Albert II of Monaco Prize for Biodiversity.
- **Member, Marine Conservation Subcommittee, IUCN Species Survival Commission, Geneva** (2007–2009 & 2013–2017)
  - This group of 10 people is responsible for guiding IUCN action on marine species.
- **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.
- **Chair of the CITES Animals Committee Working Group** on Seahorses and other Syngnathids (2000–2002) and then the CITES Animals Committee 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 listserve and a syngnathid husbandry listserve
    - Resource for school children everywhere ... we answer hundreds of letters annually.

#### Achieving global policy shifts with CITES

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 2012, CITES invited me 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, we 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.

In March 2013, at its 63rd meeting, the Standing Committee decided to suspend trade in *Hippocampus kuda* from Vietnam. This was the first ever trade ban for CITES non-compliance for a marine fish species, and gives teeth to the Convention, very largely as a result of our work.

In May 2014, at the 27th meeting of the Animals Committee, we again generated important outcomes:

a) We created the context in which CITES decided that exports of *Hippocampus trimaculatus* from Thailand and exports of *Hippocampus algiricus* from Guinea and Senegal were of urgent concern. I provided the technical support for CITES to decide on recommendations (effectively, requirements) for Thailand, Guinea and Senegal.

b) We brought an 8th seahorse species into preliminary scanning, again leading to the decision to undertake an external review of export sustainability for the western Atlantic species, *Hippocampus erectus*.

In July 2014, at its 66th meeting, the Standing Committee decided that Thailand had not made full progress on improving sustainability of its exports, and extended the recommendations for action. This was the first signal that CITES meant to enforce marine fish recommendations for Parties, without yet suspending trade.

In January 2016, at its 66th meeting, the Standing Committee decided to suspend trade in *Hippocampus algiricus* from Guinea and Senegal, very largely as a result of our work.

In September 2016, at its 67th meeting, the CITES Standing Committee announced that Thailand had decided to suspend trade in all *Hippocampus* species from Guinea and Senegal, very largely as a result of our work. Thailand previously exported about three-quarters of the seahorses found in international trade. This trade suspension follows seahorse export suspensions imposed by CITES on Guinea, Senegal and Vietnam, all of them provoked by our research and policy engagement.

Overall, as a direct result of our work, the world's previously enormous legal seahorse exports (tens of millions of animals p.a. among 80 countries) should largely have ended. The scale of national trade suspensions globally – generated by our scholarly activities – mean that 96% of all seahorse exports previously reported to the CITES database would now be illegal. We are now working on addressing illegal

trade ... and on helping countries improve their management such that seahorse exports can be re-opened without damaging wild populations.

### Collaborations

I have had formal collaborative arrangements with the following 19 organizations:

- Bureau of Fisheries and Aquatic Resources, **Philippines**
- Canadian Parks and Wilderness Society, **Canada**
- Centro do Ciências do Mar, University of Algarve, **Portugal**
- Centro Interdisciplinario de Ciencias Marinas, Instituto Politécnico Nacional, **Mexico**
- Coastal Conservation and Education Foundation, **Philippines**
- Department of Fisheries, **Thailand**
- Department of Fisheries, **Viet Nam**
- Department of Primary Industries, New South Wales, **Australia**
- Gitga'at and Huu-ay-aht First Nations, British Columbia, **Canada**
- Haribon Foundation for the Conservation of Natural Resources, **Philippines**
- Institute of Oceanography, **Viet Nam**
- Kasetsart University, **Thailand**
- Ocean Park Conservation Foundation, **Hong Kong SAR**
- Parque Natural da Ria Formosa, **Portugal**
- 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 SAR**

### 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 (until 2014) and then under the national agency of one of our host institutions (ZSL Philippines). Our Filipino team leads a marine conservation programme that is both community-based and institutionally-engaged. In the central Philippines, we undertake community work to undertake species and habitat research, establish and support no-take marine protected areas (35 thus far), embark on innovative fisheries management, build capacity, develop alternative livelihoods, foster environmental awareness, build alliances and catalyse policy change.

At the national level, we lead a Philippines Seahorse Program (2023 - ) called “Saving Mr. Mom” which works in partnership with the national Bureau of Fisheries and Aquatic Resources to advance seahorse and marine conservation. A key goal is for us to do as little as possible, seeking to embed all work in other institutions and groups.

- 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.

(c) Research or equivalent grants

My funding total over 31 years (from 1991 to 2024) has been 22,251,788.00 CAD from 69 sources.

COMP: grants/funds were obtained competitively (C) or non-competitively (NC). Funding since 2001 (\* entire funding period).

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Gouvernement Princier – Principauté de Monaco	IUCN SSC Seahorse Pipefish and Seadragon Specialist Group Meeting in Monaco, Nov 2024	NC	125,000 EU	Jan - Dec 2024	183,919	A. Vincent
Marisa Hormel Trust	Seahorse conservation	NC	50,000 USD	2024	68,500	A. Vincent
Langar Foundation	Seahorse research and conservation	NC	200,000 CAD	2024–2029	40,000	A. Vincent
Patricia Price	Project Seahorse marine conservation initiative (focus on trawling)	NC	15,000 USD	2024	20,550	A. Vincent
Victoria Principal Foundation	Seahorse conservation	NC	2,500 USD	2024	3,425.00	A. Vincent



Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co- Investigator)
IUCN	Seahorse conservation (red listing)	C	120,000 EU	Nov 2023 – Mar 2026	70,080	A. Vincent
Marisa Hormel Trust	Seahorse conservation	NC	50,000 USD	2023	68,500	A. Vincent
Gouvernement Princier – Principauté de Monaco	Seahorses (Hippocampus spp.) on CITES – a road map to success	NC	42,786 CAD	Dec 2022 -Mar 2026	17,114	A. Vincent (S. Foster)
Patricia Price	Project Seahorse marine conservation initiative (focus on trawling)	NC	20,000 USD	2023	27,400.00	A. Vincent
Anon	Project Seahorse marine conservation initiative	NC	2,250,000 CAD	Dec 2022 – Dec 2026	562,500	A. Vincent
Taylor Wines/ Wakefield Wines	Seahorse conservation	NC	10,000 AUD	2022	~9000	A. Vincent
Guylian Chocolates Belgium	Seahorse conservation research	NC	25,000 EU	2022	35,000	A. Vincent
Sea of Change Foundation	Unlocking the potential of global community science for seahorses	C	18,315 USD	2022	23,000	A. Vincent
Leiden Conservation Foundation	Advancing our Project Seahorse mission with leadership support	NC	62,500 USD	2022-2024	81,000	A. Vincent (S. Foster)
Sidekick Foundation	Advancing our Project Seahorse mission with leadership support	NC	62,500 USD	2022-2024	81,000	A. Vincent (S. Foster)
Marisa I. Hormel Trust	Seahorse conservation	NC	25,000 USD	2022	32,000	A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Anon	Project Seahorse marine conservation initiative	NC	1.5 Million USD 1,900,658 CAD	2022 – 2025	615,000	A. Vincent
Taylor Wines/ Wakefield Wines	Seahorse conservation	NC	10,000 AUD	2021	~9000	A. Vincent
IUCN	National conservation assessments for syngnathids	C	4,375 USD	2020–2021	5,400	A. Vincent
Marisa I. Hormel Trust	Seahorse conservation	NC	31,454 CAD	2021–2022	31,454	A. Vincent
US Dept.of Commerce, NOAA	Seahorses ( <i>Hippocampus</i> spp.) on CITES – a road map to success	C	306,000 USD (over 2 years)	Nov 2019 – Oct 2021	~ 215,000	A. Vincent (S. Foster)
4 Ocean	Project Seahorse Conservation Fund	NC	25,000 USD (over 2.5 years)	July 2019 – Dec 2021	~17,500	A. Vincent
Synchronicity Earth	First assessment of seahorse fisheries/trade in Cambodia	C	3,365 GBP	Feb – May 2020	~5,778	A. Vincent (S. Foster, A. Hicks)
SSB Charitable Corporation	N.A.	NC	50,000 USD		67,200	A. Vincent
Langar Foundation	Seahorse research and conservation	NC	200,000 CAD	2019–2023	40,000	A. Vincent
Guylian Chocolates Belgium	Seahorse conservation research	NC	300,000 EURO	2019–2021	150,000	A. Vincent
Langar Foundation	Seahorse research and conservation	NC	50,000 CAD	2019	50,000	A. Vincent
Ocean Park Conservation Foundation	Guiding the Philippines as it works towards implementing CITES for Vulnerable seahorses	C	264,151 HKD	2019	45,230	A. Vincent (S. Foster)

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Taiwan Forestry Bureau	Supporting the CITES Secretariat and Parties to address the global illegal trade in seahorses	C	4,000 USD	2018–2019	5,376	A. Vincent (S. Foster)
SSB Charitable Corporation	Seahorse research and conservation	NC	50,000 USD	2019	67,200	A. Vincent
Indianapolis Zoo	Indianapolis Prize Finalist Award	C	13,196 CAD	2017–2018	6,598	A. Vincent
Munich Zoo Hellabrunn	Seahorse research and conservation	C	5,800 CAD	2018	5,800	A. Vincent
Greensboro Science Centre	Seahorse research and conservation	NC	7,000 USD	2018	~9,000 CAD	A. Vincent
Disney Conservation Fund	Mobilizing seahorse conservation in China	C	29,900 CAD	2017	29,900	A. Vincent
Aquarium du Quebec	Analysis of the effects of trawl fishing in Tamil Nadu, India	C	1,500 CAD	2017	1,500	A. Vincent
NSERC CREATE program	Training Our Future Ocean Leaders	C	1.65M CAD	2016–2021	275,000	S. Donner (N. Affolder K. Chan V. Christensen C. Harley T. Satterfield C. Suttle P. Tortell A. Vincent)
Guylian Chocolates Belgium	Seahorse conservation research	NC	435,000 CAD	2016–2018	145,000	A. Vincent (H. Koldewey)

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
The Paul G. Allen Family Foundation	Advancing and enhancing CITES implementation of Appendix II listings for sharks and other marine fishes	C	222,587 CAD	2016–2017	222,587	A. Vincent
The Herbert W. Hoover Foundation	Seahorse distribution and marine conservation in Biscayne National Park	C	120,800 CAD	2016–2017	60,400	A. Vincent
Mohamed Bin Zayed Species Conservation Fund	Helping Vietnam's CITES authorities manage the country's seahorse exports for conservation	C	12,072 CAD	2016–2017	12,072	A. Vincent
People's Trust for Endangered Species	Helping Vietnam's CITES authorities manage the country's seahorse exports for conservation	C	16,989 CAD	2016–2017	16,989	A. Vincent
Taiwan Forestry Bureau	Assessing the changes in the international live trade of CITES Appendix II animals	C	5,077 CAD	2016–2017	2,077	A. Vincent
Synchronicity Earth	Seahorse, pipefish & stickleback assessments for the IUCN Red List	C	8,830 CAD *	2016	8,830	A. Vincent (H. Koldewey)
Disney Conservation Fund	Initiating seahorse conservation in China	C	33,024 CAD	2016	33,024	A. Vincent
International Union for the Conservation of Nature	Seahorse, pipefish & stickleback assessments for the IUCN Red List	C	17,574 CAD *	2015–2016	8,787	A. Vincent (H. Koldewey)

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Taiwan Forestry Bureau	Assessing and addressing the effects of CITES listing on seahorses, the only marine aquarium fishes on Appendix II	C	5,160 CAD	2015–2016	5,160	A. Vincent
Save Our Species	Right from the start: Guiding the Philippines as it suddenly lurches towards implementing CITES for Vulnerable seahorses	C	33,320 CAD	2015–2016	33,320	A. Vincent
Private donor	Marine Conservation	NC	136,750 CAD	2015	136,750	A. Vincent (H. Koldewey)
UBC Centennial Funding	Midshipman fish science outreach	C	10,000 CAD	2015	10,000	R. Sharpe (A. Vincent, S. Balshine)
Langar Foundation	Seahorse research and conservation	NC	200,000 CAD	2015–2018	50,000	A. Vincent (H. Koldewey)
Laguntza Foundation	Seahorse Conservation	NC	8,720 CAD	2014–2015	8,720	A. Vincent
Whitley Fund For Nature	iSeahorse: Empowering Filipino citizens to take action for seahorses and the seas	C	110,000 CAD *	2013–2015	55,000	A. Vincent
Taiwan Forestry Bureau	iSeahorse outreach: involving many more people in seahorse and marine conservation	C	5,503 CAD	2014–2015	5,503	A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Disney Worldwide Conservation Fund	Initiating seahorse conservation in China	C	27,875 CAD	2015	27,875	A. Vincent
Ocean Park Conservation Foundation	Costs and benefits of a ban on exploitation for India's Seahorses	C	27,000 CAD	2015	27,000	A. Vincent
Synchronicity Earth	Using citizen science and expert collaboration to build capacity for seahorse conservation	C	19,000 CAD *	2015	19,000*	A. Vincent (H. Koldewey)
Interface Flooring	Philippines public awareness and environmental education campaign	NC	30,000 USD	2013	30,000	T. Stiem (A. Vincent)
The John G. Shedd Aquarium	Seahorse Conservation	NC	10,800 CAD	2014–2015	10,800	A. Vincent
Guylian Chocolates Belgium	Seahorse conservation research	NC	270,000 EUR	2013–2015	123,300	A. Vincent (H. Koldewey)
Laguntza Foundation	Seahorse Conservation	NC	8,720 CAD	2013–2014	8,720	A. Vincent
Selfridges	Marine Protected Area in the Philippines	NC	45,088 CAD *	2013–2014	45,088*	H. Koldewey (A. Vincent)
Selfridges Project Ocean	Marine Protected Area in the Philippines	NC	45,088 CAD *	2012–2013	45,088*	H. Koldewey (A. Vincent)
Laguntza Foundation	Seahorse Conservation	NC	8,000 CAD	2012–2013	8,000	A. Vincent
Peoples Trust for Endangered Species	Making CITES work for seahorses: Supporting Thailand as it implements CITES recommendations	C	40,000 CAD	2012–2013	40,000	A. Vincent (S. Foster)

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Conservation and Research Foundation	Saving CITES-listed seahorses in Thailand	C	5,000 CAD	2013	5,000	S. Foster (A. Vincent)
The Harmsworth Trust Co.	Marine Protected Area in the Philippines	NC	46,590 CAD *	2012–2014	15,530*	H. Koldewey (A. Vincent)
Riverbanks Zoo	Making CITES work for seahorses in Thailand	C	5,000 CAD	2013	5,000	A. Vincent (L. Aylesworth)
Ocean Park Conservation Foundation	Philippines public awareness and environmental education campaign	C	13,000 CAD *	2013	13,000	T. Stiem (A. Vincent)
John G. Shedd Aquarium	Promote and advance Marine Conservation	NC	ca 100,000 CAD (postdoc position plus 25K)	2013	100,000	H. Koldewey (A. Vincent)
Mohamed bin Zayed Species Fund	Seahorse trade and biology, West Africa	C	7,000 USD	2012	7,000	A. Vincent (C. Ransom)
People's Trust for Endangered Species	Seahorse trade and biology, West Africa	C	11,932 CAD	2012	11,932	A. Vincent (C. Ransom)
NSERC Discovery Grant	Invertebrates and marine populations	C	21,000 CAD	2012–2013	21,000	A. Vincent
Aquarium du Quebec	Seahorse Conservation	NC	1,200 CAD	2013	1,200	A. Vincent
Taiwan Forestry Bureau	Supporting CITES Parties	C	5,010 CAD	2011–2012	5010	A. Vincent
John G. Shedd Aquarium, Chicago, USA (held at UBC)	Project Seahorse	NC	75,000 USD	2012	75,000	A. Vincent (H. Koldewey)
Guylian Chocolates Belgium (held at UBC)	Seahorse conservation research	NC	270,000 EUR	2010–2012	123,300	A. Vincent (H. Koldewey)
NSERC	Ecological dynamics of reefs	C	32,000 CAD			A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Langar Foundation	Seahorse research and conservation	NC	200,000 CAD	2010 – 2014	40,000	A. Vincent (H. Koldewey)
Selfridges' Project Ocean	Marine Protected Area in the Philippines	NC	78,192 CAD	2011–2012		H. Koldewey (A. Vincent)
Taiwan Forestry Bureau	Supporting CITES Parties	C	5,000 CAD	2011		A. Vincent
Point Defiance Zoological Society	Seahorse Conservation	NC	1,356 CAD	2011		A. Vincent
Aquarium du Quebec	Seahorse Conservation	NC	1,200 CAD	2011		A. Vincent
Whole Foods Market	Seahorse Conservation	NC	1,594 CAD	2011		A. Vincent
Memphis Zoo	Seahorse Conservation	NC	250 CAD	2011		A. Vincent
Dallas Zoo	Seahorse Conservation	NC	1,500 CAD	2011		A. Vincent
Taiwan Forestry Bureau	Supporting CITES Parties	C	5,000 CAD	2010		A. Vincent
Point Defiance Zoo (held at UBC)	Project Seahorse	NC	3000 USD	2009	3,000	A. Vincent (H. Koldewey)
Toronto Zoo, Canada (held at UBC)	Improving the status of seahorse populations in the Philippines, under fishing pressure	NC	2,500 CAD	2009	2,500	A. Vincent (H. Koldewey)
Forestry Bureau, COA, Taiwan (held at UBC)	Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance	C	5,000 USD	2009	5,000	A. Vincent
Ocean Charitable Trust (held at UBC)	Project Seahorse conservation activities (unrestricted)	NC	500,000 EUR	2009–2013	137,000	A. Vincent (H. Koldewey)



Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Oceanario Lisboa (held at ZSL)	Conserving seahorses in the wild and captivity: the influence of environment and movement	C	10,000 EUR	2009	15,600	H. Koldewey (A. Vincent)
Private donation – Geraldine Harmsworth (held at ZSL)	Project Seahorse Research	NC	50,000 GBP	2008	88,371	H. Koldewey (A. Vincent)
Dallas Zoo and Children’s Aquarium (held at UBC)	Project Seahorse	NC	1,000 USD	2008–2009	500 USD	A. Vincent (H. Koldewey)
BBC (held at ZSL)	Rapid assessment of seahorse populations and habitats across Danajon Bank (central Philippines) for conservation action.	C	40,000 GBP	2009–2010	36,800	H. Koldewey (A. Vincent)
Quebec Aquarium (held at UBC)	Seahorse Conservation in the Central Philippines	NC	1,500 CAD	2009	1,500	H. Koldewey (A. Vincent)
Forestry Bureau, COA, Taiwan (held at UBC)	Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance	C	5,000 USD (6,500 CAD)	2008–2009	6,500	A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Ocean Park Conservation Foundation– Hong Kong (held in the Philippines)	Enriching and utilizing our knowledge of local seahorse populations to scale up community–based initiatives for seahorse conservation on Danajon Double Barrier Reef	C	396,844 HKD	2008–2010	15,000	A. Vincent (A. Blanco)
EJLB Foundation (held at UBC)	The impacts of shrimp trawling on small fish species	C	14,000 CAD	2008	14,000	A. Vincent (S.J. Foster)
BBC (held at ZSL)	Community–managed marine protected areas as tools for seahorse conservation in the Philippines.		20,000 GBP	2008	18,400	H. Koldewey (A. Vincent)
Toronto Zoo, Canada (held at UBC)	Improving the status of seahorse populations in the Philippines, under fishing pressure	C	5,000 CAD	2007–2008	5,000	A. Vincent
Forestry Bureau, COA, Taiwan (held at UBC)	Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance	C	10,000 USD (10,100 CAD)	2007–2008	10,100	A. Vincent
Toronto Zoo, Canada (held at UBC)	Improving the status of seahorse populations in the Philippines, under fishing pressure	C	5,000 CAD	2007–2008	5,000	A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Ocean Park Conservation Foundation—Hong Kong (held in the Philippines)	Enriching and utilizing our knowledge of local seahorse populations to scale up community-based initiatives for seahorse conservation on Danajon Double Barrier Reef	C	110,000 HKD (14,200 CAD)	2007–2008		A. Vincent (A. Blanco)
People's Trust for Endangered Species, UK (held at UBC)	Using an unfortunate trade ban to advance seahorse conservation, with the fishers' co-operation		5,145 GBP	2006–2007	10,000	A. Vincent
Forestry Bureau, COA, Taiwan (held at UBC)	Supporting a landmark CITES Appendix II listing for marine fishes of commercial importance	C	15,000 USD (17,661 CAD)	2006–2007	17,661	A. Vincent
Fisher Scientific Fund (held at UBC)	UBC Sustainable Seafood Project	C	8,000 CAD	2006	8,000	A. Vincent
Whitley Fund for Nature (held at UBC)	Empowering developing countries to meet international obligations for seahorse conservation and more	C	30,000 GBP (62,203 CAD)	2006–2007	31,102	A. Vincent

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

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Toronto Zoo (held at UBC)	Study of an Exploited population of H. comes in situ in the Philippines	NC	4,000 CAD	2005	4,000	A. Vincent
Columbus Zoo Conservation Fund (held at UBC)	Training Needs Assessment in Coastal Resource Management	C	5,720 USD	2005	6,917	A. Vincent
John G. Shedd Aquarium, Chicago, USA (held at UBC)	Project Seahorse	NC	836,000 USD 1,045,000 CAD	2003 – 2006	261,000	A. Vincent (H. Koldewey)
Point Defiance Zoo & Aquarium (held at UBC)	Seahorse Conservation research	NC	2,500 USD	2005	2,841	A. Vincent
Government of Switzerland (held at UBC)	Measuring for management of international trade in seahorses, <i>Hippocampus</i> spp.	C	10,000 CHF	2004 – 2005	10,000	A. Vincent
CITES Secretariat (held at UBC)	Measuring for management of the international trade in seahorses, <i>Hippocampus</i> spp.	C	10,000 USD (12,524 CAD)	2005	12,524	A. Vincent
Forestry Bureau, COA, Taiwan (held at UBC)	Measuring for management of the international trade in seahorses, <i>Hippocampus</i> spp.	C	30,000 USD (37,256 CAD)	2004	37,256	A. Vincent
John G. Shedd Aquarium, Chicago, USA (held at McGill)	Project Seahorse	NC	490,000 USD	1999 – 2002	163,000	A. Vincent (H. Koldewey)
Guylian Chocolates Belgium (held at McGill)	Seahorse conservation research	NC	330,000 USD (405,000 CAD)	2004 – 2006	135,000	A. Vincent (H. Koldewey)

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
Guylian Chocolates Belgium (rec'd from McGill)	Seahorse conservation research	NC	735,000 USD (918,000 CAD, 90,000 CAD received to UBC from McGill)	1999 – 2003	183,750	A. Vincent (H.J. Hall)
People's Trust for Endangered Species (held at UBC)	Dispersal in seahorse populations of the central Philippines	C	2,893 GBP 5,786 CAD	2003	5,786	A. Vincent (M. Samoily S.K. Morgan)
MacArthur Foundation (held at UBC)	Understanding and improving the effectiveness of community-based marine protected areas, for marine life and for people	C	285,000 USD (339,937 CAD)	2002 to 2007	67,987	A. Vincent (M. Meeuwig, C. Scott, M. Mulrennan)
International Development Research Centre (held at UBC)	Understanding and improving the effectiveness of community-based marine protected areas, for marine life and for people	C	363,148 CAD	2002 – 2006	72,629	A. Vincent (M. Meeuwig, C. Scott, M. Mulrennan)
Pew Charitable Trusts (Pew Marine Fellowship)	Understanding extraordinary fisheries	C	150,000 USD (225,000 CAD)	2000 – 2005	45,000	A. Vincent
Canada Foundation for Innovation	Laboratories and field equipment for marine and fisheries conservation. Grant no. 201267.	C	162,000 CAD	2003 – 2006	40,500	A. Vincent

Granting Agency	Subject	COMP	Total value*	Period	Total CAD Per Year	Principal Investigator (Co-Investigator)
British Columbia Knowledge Development Fund	Laboratories and field equipment for marine and fisheries conservation. Grant no. 104-C.	C	162,106 CAD	2003 – 2006	40,500	A. Vincent
Whitley Laing Foundation	Continuation award for marine conservation	C	13,500 EUR 29,504 CAD	2003 – 2004	14,752	A. Vincent
Percy R. Gardiner Foundation	Project Seahorse	NC	24,000 CAD	2002 – 2004	8,000	A. Vincent
Natural Sciences and Engineering Research Council, Canada	Dispersal and movement in fragmented populations of a coral reef fish	C	100,000 CAD	2001 – 2006	20,000	A. Vincent
British Airways Community and Conservation Fund	Project Seahorse (In-kind donation of airline tickets)	C	38,000 CAD (estimated value of tickets)	2002– 2006	7,600	A. Vincent

(d) **Featured Presentations since 1990**

**NB: As a single mother with school aged children, my ability to accept invitations that involve travel has been constrained since 2007, leading me to decline many invitations.**

- 2024 Dawkins Prize for Conservation and Animal Welfare - Prize Lecture. From seahorse sex to global policy change. Balliol College, University of Oxford, Museum of Natural History, UK. 23 April 2024.
- 2024 Oliver Rackham Society lecture. From seahorse sex to global policy change. Corpus Christi College, University of Cambridge, UK. 20 April 2024.
- 2023 The marine case for protecting entire connected aquascapes, from rivulet to reef and beyond. Integrating Marine Protections Across Aquascapes Symposium, IMPAC5, Vancouver, Canada. 5 February 2023.
- 2022 Saving seahorses to save the seas. Instituto de Ecología, UNAM, Mexico, 7 October 2022. Online. (Available at <https://www.ecologia.unam.mx/web2/index.php/seminarios>)
- 2022 What to do about ocean clearcutting and annihilation fishing? Nature Vancouver. Vancouver, B.C., Canada. 29 September 2022.
- 2022 Save seahorses means saving ocean spaces. Waves of Hope - Ocean Protection Series by Nature Canada. Online. 22 September 2022.

- 2022 What to do about ocean clearcutting and annihilation fishing? Vancouver Institute, Vancouver, Canada. 5 March 2022. Online. (Available on the cIRcle Digital Repository at UBC; doi:<http://dx.doi.org/10.14288/1.0412760>)
- 2021 Time to end the devastation of bottom trawling – policy recommendations. Royal Geographical Society (UK) Earth Stories Series. 3 November 2021. (Available at <https://www.rgs.org/earthstoriesnov21/>)
- 2021 Ending bottom trawling, for seahorses and the seas. Cambridge Conservation Institute, University of Cambridge, Cambridge, UK. Online. 1 December 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. Institute for the Oceans and Fisheries, The University of British Columbia. In person and online. 15 October 2021
- 2021 Saving seahorses to save the seas. Indiana University, Bloomington, USA. Indianapolis, Indiana, USA. 22 September 2021
- 2021 Michael I. Crowther Indianapolis Prize Leadership Forum. An event targeting "business professionals and emerging leaders" who want to learn about leadership in conservation. Indianapolis Marion County Public Library, Indianapolis, Indiana, USA. 23 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. Harvard University. Online. 30 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. University of Indianapolis, Indianapolis, Indiana, USA. 28 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. Franklin College, Franklin, Indiana, USA. 28 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. Butler University, Indianapolis, Indiana, USA. 27 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. Purdue University, West Lafayette, Indiana, USA. 27 September 2021
- 2021 Indianapolis Prize Lecture. Saving seahorses to save the seas. De Pauw University, Greencastle, Indiana, USA. Indianapolis, USA. 27 September 2021
- 2021 Indianapolis Prize Girls in Science with Dr. Amanda Vincent and Danni Washington. (This event targeted girls between 10 and 14 years old). Indianapolis Zoo, Indianapolis, Indiana, USA. 26 September 2021
- 2021 Keynote speaker. Global action for seahorse conservation. SyngBio4 - Creatures of Mystery: Global Research on Syngnathidae Fishes. Guangzhou, China. Online. Host: Chinese Academy of Sciences, South China Sea Institute of Oceanology. 17-20 May 2021
- 2020 New fellow presentation. Save the seahorses to save the seas. Royal Society of Canada Presentation. Online. 28 November 2020. <https://youtu.be/iLYlHufvt4>
- 2019 Plenary speaker: An ocean challenge. IUCN SSC Leaders Meeting, Abu Dhabi, UAE, 7 October 2019



- 2019 Plenary speaker: Seahorse success stories. IUCN SSC Leaders Meeting, Abu Dhabi, UAE, 8 October 2019
- 2018 The tale of the pregnant male: from seahorse sex to global policy change. Centre d'Ecologie Fonctionnelle et Evolutive, Centre National des Recherches Scientifiques, Montpellier, France. 30 March 2018
- 2018 Sauver les hippocampes, c'est sauver les océans (Saving seahorses means saving the seas). Institut Marin du Seaquarium, Le Grau du Roi, France. 2 June 2018
- 2018 Sauver les hippocampes, c'est sauver les océans (Saving seahorses means saving the seas). Le Festival de la Biodiversité du 23 au 27 mai 2018, CPIE Bassin de Thau, France. 27 May 2018
- 2017 Opening plenary speaker. CITES and seahorses: an epic adventure of trade winds and trade offs. Student Conference on Conservation Science (SCCS) Bengaluru, India. 21 September 2017
- 2017 Global seahorse conservation: facing the challenges. Institute of Zoology, Chinese Academy of Sciences, Beijing, China. 18 December 2017
- 2017 CITES and the evolution of the seahorse story. International Conservation graduate course, University of Montana, USA. 5 April 2017
- 2017 CITES and seahorses: an epic adventure of trade winds & trade offs. Wildlife Trust of India, New Delhi, India. 28 September 2017
- 2017 Advancing marine conservation with seahorses as a flagship species. South China Sea Fisheries Research Institute, Guangdong, China. 21 November 2017
- 2017 Advancing marine conservation with seahorses as a flagship species. South China Sea Institute of Oceanography, Haizhu, Guangzhou, China. 20 November 2017
- 2016 UBC Environmental Sciences Students Association. 17 November 2016
- 2016 Opening address & Tale of the pregnant male (x2) & Saving Seahorses means saving the Seas & Seahorses are way cool. ADEX: Asian Dive Expo. Singapore 15–17 April 2016. Attracted 58,000 visitors
- 2015 Plenary speaker: Imperfect advice or none at all. Association for the Sciences of Limnology and Oceanography (ASLO) 2015 Aquatic Sciences Meeting. Granada, Spain. February 2015
- 2015 CITES and seahorses: an epic adventure of trade winds & trade offs. North West Biology Instructors Organization conference, Vancouver, Canada. May 2015
- 2015 Getting real about marine protected areas: pragmatism in planning and implementation. Miami University, Ohio, USA. 5 November 2015
- 2015 Distinguished invited lecture, Hefner Lecture. CITES and seahorses: An epic adventure of trade winds & trade-offs. Miami University, Ohio, USA. 5 November 2015
- 2015 Seahorses and onions. LARGfest, a symposium in Honour of Prof. T.H. Clutton-Brock FRS. Cambridge, UK. July 2015
- 2014 Plenary speaker. CITES and seahorses: an epic adventure of trade winds & trade offs. International Marine Conservation Congress. Glasgow, UK. August 2014. NB: Reported in Nature. "Oceans need saving before science is nailed." 15 August 2014. <http://goo.gl/18lwFf>

- 2014 Keynote speaker. CITES and seahorses: an epic adventure of trade winds and trade offs. Student Conference on Conservation Science. Cambridge, UK. March 2014. [This is a high profile engagement at the preeminent early career meeting in our field, with 193 students selected from 60 countries.]
- 2014 CITES and seahorses: an epic adventure of trade winds & trade offs. Biodiversity Research Seminar Series, UBC. 8 October 2014
- 2013 Making a difference: The Project Seahorse / Shedd Aquarium partnership for marine conservation. John G. Shedd Aquarium, Chicago, USA. 9 August 2013
- 2013 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
- 2013 Collaborating for Conservation. Interface product launch. Calgary, Canada. September 2013
- 2013 Keynote (and concluding) address. The tale of the pregnant males: wither seahorses (and pipefishes)? Second International Syngnathid Biology Symposium (Syngbio 2013), Faro, Portugal. 28 March 2013
- 2012 Seahorses and CITES: a tale of hope. Cambridge Conservation lunch, Cambridge (UK). May 2012
- 2012 Incentives for inshore marine conservation. Cambridge Conservation Leadership Programme. MPhil course (UK). January 2012
- 2011 Keynote speaker. It works to accept marine reserves wherever we can get them. Reef Conservation UK. London, UK. 5 December 2011
- 2011 Lead speaker. Saving the Shallows: Focusing marine conservation where people might care. Science and Conservation Event, Zoological Society of London (UK). November 2011
- 2011 Distinguished invited lecture, Cambridge Conservation Leadership Lectures (UK). Seahorses from sex to CITES. University of Cambridge. 24 November 2011
- 2011 Getting real about marine protected areas: pragmatism in planning and implementation. Conservation seminar series, University of Cambridge (UK). November 2011
- 2011 Getting real about marine protected areas: pragmatism in planning and implementation. Biological and Environmental Sciences, University of Gothenburg (Sweden) October 2011
- 2011 Seahorses are way cool because... Beaty Museum of Biodiversity, UBC. 5 June 2011
- 2011 Marine conservation is all about onions. John G. Shedd Aquarium. Chicago, USA. May 2011
- 2011 Distinguished invited lecture, 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]
- 2011 Third Institute of Oceanography, Xiamen, China. Feb. 2011 [plus several days of associated extended engagement] • Fisheries Centre, UBC. March 2011
- 2009 Monterey Bay Aquarium (USA) Board of Trustees and special guests. March 2009

- 2009 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
- 2008 Keynote speaker. Annual meeting of the National Association of College & University Food Services (Pacific Region), Vancouver, Canada February 2008
- 2008 Keynote speaker. Graduate Students Symposium, Department of Fisheries and Wildlife, Michigan State University, USA. 20 & 21 March 2008
- 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 (Beverly, MA, USA) • Milton Academy (Milton, MA, USA) • St. Mary's University (Halifax, N.S.)
- 2005 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. Iloilo, Panay, Philippines. 13–15 July 2005
- 2005 Blanco, A.P., P.G. Auxilio, & 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]
- 2005 Symposium on Behavioral Perspectives in Fish Conservation and Management. 135th annual meeting of the American Fisheries Society. Anchorage Alaska, USA. 11–15 September 2005 [declined with regrets]
2004. Plenary speaker. 16th Annual World Conference on Ecological Restoration, Victoria, B.C. 24–26 August 2004 [declined with regrets]
- 2004 Keynote speaker. Reconciling fisheries with conservation on coral reefs. World Fisheries Congress. Vancouver, Canada. 2–6 May 2004
- 2004 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
- 2004 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]
- 2004 Invited symposium speaker. Symposium on Managing for Resilience: An Integrated Approach to Coastal Marine Science and Conservation. Aug. 23–27, 2004. Friday Harbour, Washington. [declined with regrets]

- 2004 Trade in non–food and luxury reef products. For Zoological Society of London symposium on Coral Reef Conservation. London UK. 16–17 December 2004
- 2004 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.
- 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)
- 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.
- 2002 Plenary invitation. People and the Planet – Changing Values for a Sustainable Future. Sierra Club of Canada. June 2002 [declined with regrets]
- 2002 Project Seahorse’s syngnathid conservation field programme. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27–29 May 2002
- 2002 Global trade in syngnathids. CITES Technical workshop on seahorses and other syngnathids. Cebu City, Philippines. 27–29 May 2002
- 2002 Distinguished invited lecture, Bevan Lecture Series on Sustainable Fisheries. The complexities of managing non–food fisheries, with a focus on seahorses. University of Washington, Seattle, USA. 28 February 2002
- 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 (Québec, Canada) • University of Ottawa (Canada)
- 2000 Keynote speaker. 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
- 2000 From Extraordinary Fish to Extraordinary Fisheries. Pew Fellows Program in Marine Conservation 2000 Annual Meeting. La Paz, Mexico. 1–5 November 2000
- 2000 Much depends on knowing your fish: making biological research work for conservation. World Conservation Congress. Amman, Jordan, 4–11 October 2000
- 1999 Vincent, A.C.J. and M.G. Pajaro. Empowering fishers to conserve and manage seahorses. XIX Pacific Science Congress, Sydney. 4–9 July 1999
- 1999 Australia and the international trade in seahorses. XIX Pacific Science Congress, Sydney. 4–9 July 1999
- 1999 Concordia University (Montréal, Canada) • Queen's University x 2 (Kingston, Canada)
- 1998 University of British Columbia Fisheries Centre • University of British Columbia graduate course in conservation • Université 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)
- 1998 Distinguished invited lecture, Trafalgar-Ross Lecture. Pregnant males at risk: partnerships for seahorse conservation. Trafalgar School, Montréal. 23 October 1998
- 1997 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
- 1997 Establishing marine reserves with subsistence communities. Workshop on Design and Monitoring of Marine Reserves. Vancouver, Canada. 18–20 February 1997
- 1997 International Development Research Centre (IDRC: Ottawa, Canada) • McGill University (Montréal, Canada)
- 1996 Royal Geographical Society – Hong Kong • Imperial College (Silwood Park), London
- 1996 Potential costs and benefits of ecotourism to coastal villages. Symposium on Indonesian Tourism and Marine Ecology, Jakarta, 18–20 September 1996
- 1996 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
- 1996 IUCN and the international trade in seahorses. IUCN UK Sustainable Fisheries seminar. London, UK, 13 December 1996
- 1995 Distinguished invited lecture, Whitley Award lecture. Pregnant males and grasping tails. Royal Geographical Society, London, UK. 25 September 1995
- 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)
- 1994 Monogamy and male care: from cichlid to seahorse. "Ecological and Evolutionary Ethology of Fishes" conference. Victoria, Canada. 15–18 May 1994
- 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)
- 1991 Prospects for sex role reversal in teleost fishes. 7th International Ichthyological Congress. The Hague, The Netherlands. 26–30 August 1991
- 1990 Universität Würzburg (Germany) • Forschungszentrum Jülich (Germany)

## (e) Conference Participation

### Conferences organized

- *SyngBio4: Creatures of Mystery: Global Research on Syngnathidae Fishes*. Guangzhou, China. Scheduled for May 2020. This is the global meeting for researchers and managers engaged with the family Syngnathid family of fishes: seahorses, pipefishes, pipehorses and seadragons. Host: Chinese Academy of Sciences, South China Sea Institute of Oceanology. Postponed until 17–21 May 2021 (hybrid format) due to COVID-19. As previous co–host of this meeting (SyngBio3 in 2017), Project Seahorse provided extensive scientific and organizational advice and support.
- Masonjones, H. & A.C.J. Vincent. *SyngBio 3 – Fantastical Fishes: Seahorses, Pipefishes and Seadragons into the Future*. Tampa, Florida, USA, 14–19 May 2017. This is the global meeting for researchers and managers engaged with the Syngnathid family of fishes: seahorses, pipefishes, pipehorses and seadragons. Total of about 120 participants.

### Advanced workshops organized

- *Implementing CITES for seahorses – Asia region workshop (with S.J. Foster). Mactan (Cebu), Philippines*. Organized in response to a CITES Decision, with the workshop report destined for the CITES Animals Committee. Forty five individuals attended this four day workshop, including 16 representatives of CITES and fisheries Authorities from India, Indonesia, Malaysia, Philippines, Thailand, Viet Nam, Singapore and China – Hong Kong SAR of China and Taiwan Province of China, and additional 21 participants from Food and Agriculture Organization of the United Nations (FAO), Southeast Asian Fisheries Development Center (SEAFDEC), and TRAFFIC, regional members of the IUCN SSC SPS SG, technical experts from each of the participating jurisdictions, and eight representatives from the organizing teams from Project Seahorse and ZSL-PH. Hosted by: Project Seahorse, IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group and Zoological Society of London-Philippines. Co-hosted by the Philippines government (Bureau of Fisheries and Aquatic Resources and National Fisheries Research and Development Institute). March 14-17, 2023.
- Side events at the 19th meeting of the CITES Conference of the Parties in Panama (November 2022):
  - *Assessing implementation of CITES Appendix II listings for fully marine fishes*. Twenty years after the first marine fishes were added to CITES Appendix II, we explored progress in implementing these listings. We presented a novel framework for assessing implementation of CITES obligations in general, then reported specifically on progress for seahorses, sharks and rays, and humphead wrasse. We also offered suggestions for enhancing CITES implementation of Appendix II listings for marine fishes and other taxa. Hosted by IUCN SSC Marine Conservation Committee.
  - *Seahorses on CITES: Next steps towards successful implementation (with S.J. Foster)*: Seahorses are pioneers for marine fishes on CITES. This side event at CITES CoP19 provided context for CoP19 Doc. 69.2 and its draft Decisions. We summarized changes to the live and dried seahorse trades since listing, explore progress in CITES implementation, and raise important issues such as the substantial illegal trade. Hosted by IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group.
- IUCN SSC Marine Conservation Committee, during the IUCN SSC Leaders meeting in Abu Dhabi. 5 October 2019
- Marine Thematic Session: Ocean challenges and solutions. during the IUCN SSC Leaders meeting in Abu Dhabi. > 50 people attended a half day meeting (12:00 – 20:00). 8 October 2019

- Williams, M., Mangubhai, S. and A.C.J. Vincent. 2018. Research strategies to incorporate gender and diversity in marine conservation. Pew Marine Fellows 2018 Meeting, Victoria, BC, Canada. 25 October 2018
- Zhang, X. and A.C.J. Vincent. 2017 National Marine Conservation Planning Workshop – NGO capability training for advancing marine conservation in China. Xiamen, China. 9 – 11 December 2017
- Vaidyanathan, T. and A.C.J. Vincent. Consultation Workshop on Status and Future of India’s Seahorse. Mandapam, India. 6 September 2017 [Organizers and facilitators]
- Vincent, A.C.J. First in-person meeting of the IUCN SSC Seahorse, Pipefish and Stickleback Specialist Group, Tampa, Florida, USA. 19 May 2017. This is the formal global expert group for 324 species of fish, and involves 20 globally appointed experts.
- Vincent, A.C.J. & S.J. Foster. CITES and Marine Fishes Think Tank, Salish Lodge, Snoqualmie, WA, USA. 16–18 May 2016. 13 invited participants from 6 countries.
- Molloy, P.P., A. Nellas, & A.C.J. Vincent. Marine Protected Areas in the Philippines: ever more, ever better. Cebu, Philippines. 27–29 June 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.

#### Symposia organized

- *Meaningful MPAs are key to ending Bottom Trawling... and ending Bottom Trawling is key to meaningful MPAs.* Chaired a 90-minute symposium featuring five thought-provoking talks and participatory discussions on the importance of marine protected areas (MPAs) in ending bottom trawling, and how ending bottom trawling is essential to creating meaningful MPAs. Fifth International Marine Protected Areas Congress (IMPAC5), Vancouver, Canada. Included three in-person talks and two virtual talks. 6 Feb 2023.
- *Integrating Marine Protections Across Aquascapes.* Co-developed and spoke at a 90-minute symposium about the need to integrate conservation, restoration, and management of marine and coastal waters with those of freshwaters and transitional waters (e.g., estuaries and lagoons). Included two in-person talks and three virtual talks. Fifth International Marine Protected Areas Congress (IMPAC5), Vancouver, Canada. 5 Feb 2023

- IUCN. 2019. Seahorses on CITES – a roadmap to success. 18th Meeting of the Conference of the Parties to CITES. 17 August 2019, Geneva, Switzerland. [Co-organizer with S.J. Foster]
- IUCN. 2016. Implementing of marine fish listings on Appendix II. 17th meeting of the Conference of the Parties to CITES. Johannesburg, South Africa. 25 September 2016 [organized by A.C.J. Vincent] 170 participants
- IUCN and United Nations Food and Agriculture Organization. 2016. Addressing Illegal Wildlife Trade for Marine Species on CITES Appendix II. 17th meeting of the Conference of the Parties to CITES. Johannesburg, South Africa. 2 October 2016 [organized by A.C.J. Vincent and K. Friedman] 140 participants
- Foster, S.J. & A.C.J. Vincent. 2016. Making bad better: Advancements in trawl fisheries research and mitigation (SY20). 4th International Marine Conservation Congress. St. John's, Newfoundland, Canada. 3 August 2016
- Vincent, A.C.J., J.D. Reynolds, J.K. Baum, B. Favaro, I.M. Cote, and S. Fuller. 2016. Canada's policies on marine species at risk, past and future. 4th International Marine Conservation Congress. St. John's, Newfoundland, Canada. 2 August 2016
- Foster, S.J., A.C.J. Vincent and J.A. Cigliano. 2014. 3rd International Marine Conservation Congress. Glasgow, Scotland. 18 August 2014
- 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

#### Discussion workshops organized

- *Marine Conservation Committee, SSC, IUCN*
  - Developed and fostered approval of four new IUCN SSC Specialist Groups (global expert groups for evidence-based conservation): Aquatic Fungi, Marine Stars, Sea Cucumbers and Seaweeds
  - Met with IUCN SSC Sustainable Use and Livelihood Specialist Group – 13 April 2022
  - Bycatch discussion for Chairs of IUCN SSC marine-related Specialist Groups – Sept 2020
  - IUCN WCC congress planning meeting for Chairs of IUCN SSC marine-related Specialist Groups – 23 Jan 2020
  - Climate Change Discussion for Chairs of IUCN SSC marine-related Specialist Groups – 16 July 2019 – resource person: Wendy Foden, Chair of the Climate Change SG
  - Conservation Action Planning meeting for Chairs of IUCN SSC marine-related Specialist Groups – 08 March 2019 – resource people: Onnie Byers, Chair of the IUCN SSC Conservation Planning Specialist Group & Jamie Copey, Director of Training, CPSG
  - Fund generation for Chairs of IUCN SSC marine-related Specialist Groups – 30 January 2019 – resource people: Jon Paul Rodriguez, Chair of the IUCN SSC and Kira Mileham, Director of Strategic Partnerships, IUCN SSC
- *IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group (SPS SG: see below)*
  - Hosted virtual meeting for SPS SG members (20 growing to 45) for 12 hours over three days in May/June for each of the past five years (2020-2024)
  - Hosted virtual meeting for 25 participants for four hours in November/December for each of the past four years (2020-2023)
  - Seadragon research meeting: 25 October 2021
  - Hosted two meetings for SPS SG thematic and regional Focal Points: 10 June and 30 September 2020



- Vincent, A.C.J. and L.M. Stanton. 2018. European Syngnathid meeting. Oceanário de Lisboa, Lisbon, Portugal. 20–21 October 2018
- 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. 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. February 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.

#### (f) Contributions to meetings

##### Invited participation in meetings/workshops

- Collegiate briefing. From seahorse sex to global policy change. Blue Marine Foundation. London, UK. 17 April 2024. (30 mins)
- Collegiate briefing. From seahorse sex to global policy change. Whittener Fellows, Department of Zoology, University of Cambridge, UK. 19 April 2024. (30 mins)
- Panel member. Reverse the Red Empowering Women in Conservation Webinar. IUCN Species Survival Commission. 27 April 2022. Online
- Technical section. Short introduction to the Congress fisheries resolution. IUCN Marine community bimonthly meeting - fisheries special. 4 May 2021. Online
- Panel member: Putting it into Words— the why's and how's of honing the key messages of your research – STEM. UBC Graduate Pathways to Success, 9 February 2021. Online
- Panel member. Animal Conservation: Women at the Forefront— Female scientists speak in a panel about women's achievements in wildlife conservation. Indianapolis Marion County Public Library, Indianapolis, Indiana, USA. 26 September 2021
- Invited panelist. Meet a Hero. Children and adults will be able to meet Indianapolis Prize winners and finalists and participate in activities about animal conservation. Indianapolis Zoo, Indianapolis, Indiana, USA. 25 September 2021
- Panel Coordinator for Picture a Scientist discussion hosted by Ocean Leaders program, UBC – Panel speakers: Dr. Amanda Vincent, Dr. Dyhia Belhabib, and Roshni Mangar. 11 March 2021. Online

- Invited participant at round table (8–10 people) with The Honourable Bernadette Jordan, Canada’s Minister of Fisheries, Oceans, and the Canadian Coast Guard. Blue Economy Strategy for Canada. 9 February 2021, Online
- Invited speaker. Story time with Ocean Leaders. Ocean Leaders Program, UBC. 5 February 2021
- Invited speaker: Foster, S.J. and **A.C.J. Vincent**. Turning national commitments into conservation action for seahorses. BLISS seminar, The University of British Columbia. 26 February 2021. Online
- Invited panelist: Relationships and synergies between marine KBAs and other processes. Marine Key Biodiversity Areas – progress & prospects. IUCN. 8 December 2020. Online
- Invited speaker (New fellow presentation). Save the seahorses to save the seas. Royal Society of Canada Presentation. 28 November 2020. Online
- Invited panelist: Take it or leave it– Where we go from here... and other (wild) ideas. Deeper Thinking 2020 webinar series, Synchronicity Earth. 12 August 2020. Online
- Invited participant: Pew Fellows in Marine Conservation meeting. Victoria, Canada. 24–28 October 2018
- Invited participant: IUCN Species Survival Commission Steering Committee meeting. Bangkok, Thailand. 15–17 October 2018
- Invited participant: Pew Fellows in Marine Conservation meeting. Puerto Varas, Chile. 18–21 October 2017
- Co–ordinator and leader: Translating marine science into policy. Workshop at Student Conference on Conservation Science (SCCS). Bengaluru, India. 22 September 2017
- Mentor: Who's Who in Conservation: A side event at SCCS. Bengaluru, India. 22 September 2017
- Mentor: Birds of A feather: A themed Networking Event at SCCS, Bengaluru, India. 21 September 2017
- Invited participant: IUCN Species Survival Commission Steering Committee meeting. Cartagena, Colombia. 31 July to 3 August 2017
- Invited Laureate: Rolex Awards for Enterprise 40th Anniversary. Los Angeles, USA. 13–15 November 2016
- Invited participant: Pew Fellows in Marine Conservation meeting. Noordwijk, Netherlands. 20–23 October 2016
- Invited participant: IUCN Red List Committee meeting. Cambridge, UK. 20–22 April 2016
- Invited participant: Pew Fellows in Marine Conservation meeting. Puerto Rico, USA. 15–18 October 2015
- Invited participant: IUCN Species Survival Commission Leaders Meeting. Abu Dhabi, UAE. 14–18 September 2015
- Invited participant: IUCN Marine Conservation Subcommittee. Abu Dhabi, UAE. 12 & 13 September 2015
- Invited participant: IUCN Red List Committee meeting. Arlington, VA, USA. 20–22 April 2015
- Invited Dialogue Leader: CHONe 2020 Vision for the Oceans Dialogue [Canada’s national review of its Ocean science and status]. Vancouver, Canada. 5 & 6 December 2014
- Focus Group organizer: Vincent, A.C.J. and J.A. Cigliano. Moving Beyond Paper Agreements: Catalyzing Conservation Action by National Governments. International Marine Conservation Congress. Glasgow, UK. August 2014
- Invited participant: Pew Fellows in Marine Conservation meeting. San Francisco, USA. October 2014
- Invited participant: Refining IUCN Red List Guidelines for exploited marine fish species. Vancouver, Canada. 16–17 Oct 2014
- Invited participant: IUCN Red List Committee meeting. Cambridge, UK. 12–14 May 2014

- Invited participant: Vincent, A.C.J. & T. Stiem. iSeahorse: saving seahorses together. In symposium on Making citizen science matter. 16 August 2014 in International Marine Conservation Congress. Glasgow, UK. August 2014
- Workshop leader. Making a difference to wild populations and places: experiences in success and futility. Student Conference on Conservation Science. Cambridge, UK. March 2014
- Invited participant: Pew Fellows in Marine Conservation meeting. Dublin, Ireland. October 2013
- Invited participant: Pew Fellows in Marine Conservation meeting. Panama. December 2012
- Invited participant: IUCN Red List Committee meeting. Cambridge, UK. July 2012
- Invited participant: Texting to advance conservation. Cambridge Conservation Forum Summer Symposium. Cambridge, UK. 21 June 2012
- Invited participant: IUCN Red List Committee meeting. Arlington, VA, USA. May 2011
- Invited participant: Current state of seahorse trade globally. Fiskebäckskil, Sweden. 25–29 April 2011
- Invited participant: Panel on Individual Transferable Quotas in British Columbia, Fisheries Centre, UBC. April 2011
- Invited participant: IUCN Red List Committee meeting. Gland, Switzerland. November 2010
- Invited participant: Pew Fellows in Marine Conservation meeting. Barcelona, Spain. September 2010
- Invited participant: Panel on “Fostering sustainable futures to support decision making”, Institute for Resources, Environment and Sustainability, UBC. September 2010
- Invited participant: Pew Fellows in Marine Conservation meeting. Costa Rica. November 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. 12-14 March 2008
- Invited participant: IUCN Species Survival Commission – Marine Conservation Subcommittee planning meeting. Wattens, Austria. 2–4 August 2006
- Invited participant: 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: 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: Global Marine Species Assessment Strategy Meeting, Conservation International, Washington, DC. 3–5 November 2005
- Invited participant: 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: Workshop on BC’s Biodiversity Strategy. Conservation Planning Tools Committee (BC Trust for Public Lands). Vancouver, Canada. 18 October 2005
- Invited participant: Conference on Women in Science, Trade and Technology. Embassy of Canada in Japan. 28–31 November, 2004. Tokyo Japan [declined with regrets]
- 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 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.

- Workshop Coordinator: Pew Fellows Action for the Ocean [preparing action statements of policy initiative]. Pew Fellows Annual Meeting, Bonaire, Netherlands Antilles. 19–23 October 2002
- Oral contributor and Chair of Working Group: 19th CITES Animals Committee meeting. Geneva, Switzerland. 18–21 August 2003
- Oral contributor and Chair of Working Group: 18th CITES Animals Committee meeting. San Jose, Costa Rica. 8–12 April 2002
- Invited participant and speaker. IUCN Species Survival Commission Marine Program Planning Meeting, Washington DC. 5–7 November 2001
- Oral contributor and Chair of Working Group. 17th CITES Animals Committee meeting. Hanoi, Vietnam. 30 July–3 August 2001
- Oral contributor and Chair of Working Group. 16th CITES Animals Committee meeting. Shepherdstown, W. Virginia, USA. 11–15 December 2000
- 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 panelist. 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 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 contributor/leader. Postgraduate and faculty workshop on "Animal and Human Mating Systems" at University of California, Davis, USA, 26–30 March 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]

- George, S.B., Böhm, M. and A.C.J. Vincent. The International Union for Conservation of Nature (IUCN) SSC Marine Star Specialist Group. Society for Integrative and Comparative Biology Annual Meeting, Seattle, 2–6 January 2024. [poster]
- Vincent, A.C.J. The marine case for protecting entire connected aquascapes, from rivulet to reef and beyond. IMPAC5, Vancouver, Canada. 5 February 2023.
- Vincent, A.C.J. Annihilation fishing (bottom trawling for biomass) has no place in the ocean...and absolutely no place in MPAs. IMPAC5, Vancouver, Canada. 6 February 2023.
- Foster, S.J. & A.C.J. Vincent. A case for excluding bottom trawling from all of the 30x30. IMPAC5, Vancouver, Canada. 6 February 2023.
- Mangar, R.S. & A.C.J. Vincent. Understanding the human costs of ending bottom trawling in MPAs and beyond. What makes people start, stay in and stop bottom trawling? IMPAC5, Vancouver, Canada. 6 February 2023.
- Zhang, X. & A.C.J. Vincent. Helping China achieve SDG 14 by 2030 through connecting its bottom trawl restrictions and its MPA network. IMPAC5, Vancouver, Canada. 6 February 2023.

- A.C.J. Vincent, S.J. Foster, S.L. Fowler, S. Lieberman, Y.J. Sadovy. Assessing implementation of CITES Appendix II listings for marine fishes in Symposium on Assessing implementation of CITES Appendix II listings for marine fishes. CITES CoP19, Panama City, 16 November 2022.
- Foster, S.J. and A.C.J. Vincent. Assessing implementation of CITES Appendix II listing for Seahorses In Symposium on Assessing implementation of CITES Appendix II listings for marine fishes. CITES CoP19, Panama City, 16 November 2022.
- Fowler, S.L., S.J. Foster and A.C.J. Vincent. Assessing implementation of CITES Appendix II listing for sharks and rays. In Symposium on Assessing implementation of CITES Appendix II listings for marine fishes. CITES CoP19, Panama City, 16 November 2022.
- Sadovy, Y.J. S.J. Foster and A.C.J. Vincent. Assessing implementation of CITES Appendix II listing for Humphead Wrasse. In Symposium on Assessing implementation of CITES Appendix II listings for marine fishes. CITES CoP19, Panama City, 16 November 2022.
- Lieberman, S. and A.C.J. Vincent. Review and recommendations. In Symposium on Assessing implementation of CITES Appendix II listings for marine fishes. CITES CoP19, Panama City, 16 November 2022.
- Vincent, A.C. J. and S.J. Foster. Implementing CITES for seahorses – Hippocampus spp, CITES CoP 19, Panama City, 21 November 2022.
- Mangar, R.S. & A.C.J. Vincent. Understanding the Fishers to Change the Fishery: Why are people involved in the bottom trawling in India? Institute of Ocean and Fisheries Seminar Series. Vancouver, Canada. 8 April 2022.
- Mangar, R.S. & A.C.J. Vincent. Understanding the Fishers to Change the Fishery: Why are people involved in the bottom trawling in India? Institute of Ocean and Fisheries Seminar Series. Vancouver, Canada. 8 April 2022
- Mangar, R.S. & A.C.J. Vincent. [poster] Understanding the Fishers to Change the Fishery: Why are people involved in the bottom trawling in India? Student Conference on Conservation Science (SCCS). Cambridge, U.K. 29–31 March 2022. Online
- Hicks, A., Foster, S. & A.C.J. Vincent. A Global Review of E-commerce Trade and Seahorses. Pacific Ecology and Evolution Conference (PEEC). Victoria, Canada. 19 March 2022
- Mangar, R.S. & A.C.J. Vincent. [Poster]. Understanding the Fishers to Change the Fishery: Why are people involved in the bottom trawling in India? Pacific Ecology and Evolution Conference (PEEC). Victoria, Canada. 19–20 March 2022. (Awarded best poster at the conference)
- Vincent, A.C.J. Global issues for syngnathids. European Syngnathid meeting. Oceanário de Lisboa, Portugal. 21 October 2018
- Vincent, A.C.J. Advancing MPAs, rapidly but realistically, in a holistic context. Marine Conservation Planning Workshop, Xiamen, China. 9 December 2017
- Foster, S.J. and A.C.J. Vincent. Turning national commitments into conservation action for seahorses. Simon Fraser University “Les Ecologistes” Seminar Series. Vancouver, BC. 18 January 2018
- Foster, S.J. and A.C.J. Vincent. Turning national commitments into conservation action for seahorses. Institute for the Oceans and Fisheries Seminar Series. Vancouver, BC. 22 September 2017
- Foster, S.J. and A.C.J. Vincent. Turning national commitments into conservation action for seahorses. SyngBio 2017. Tampa, Florida. 18 May 2017
- Kuo, T.–C. and A.C.J. Vincent. CITES, international wildlife trade and marine fishes. National Chung Hsing University, Taiwan. 10 November 2017
- Kuo, T.–C. and A.C.J. Vincent. Investigating patterns and changes in the declared trade of CITES Appendix II animals. National Taiwan University, Taiwan. 3 November 2017

- Kuo, T.–C. and A.C.J. Vincent. CITES, international wildlife trade and marine fishes. Tunghai University, Taiwan. 8 October 2017
- Kuo, T.–C. and A.C.J. Vincent. Investigating patterns and changes in the declared trade of CITES Appendix II animals across taxa. International Congress for Conservation Biology. Cartagena, Colombia. 25 July 2017
- Pollom, R.A., Foster, S.J., Stanton, L.M. and A.C.J. Vincent. Early lessons for a nascent marine citizen science programme. SyngBio 2017. Tampa, Florida, USA. 18 May 2017
- Selgrath, J.C., S. Gergel, and A.C.J. Vincent. Area accumulation curves can improve participatory mapping. Geospatial citizen science initiatives for understanding landscape change and ecosystem services symposium, US–International Association of Landscape Ecologists, Chicago, IL, USA. 9 March 2018
- Selgrath, J.C., S. Gergel, and A.C.J. Vincent. Mapping the history and ecological influence of fishing in the Philippines. Department of Biology, University of Toronto, Toronto, ON, Canada. 4 March 2018
- Selgrath, J.C., S. Gergel and A.C.J. Vincent. Mapping the history and ecological influence of fishing in the Philippines. Hopkins Marine Station Seminar Series, Stanford University, Pacific Grove, CA. 12 January 2018
- Selgrath, J.C., S. Gergel and A.C.J. Vincent. Quantifying the development of small–scale fisheries on coral reefs, and their impact on habitats. Fisheries and Oceans Canada, Pacific Biological Station, Nanaimo, BC, Canada. 23 May 2017
- Vaidyanathan, T. and A.C.J. Vincent. To Ban, or Not to Ban? That is the Question. Zoology Graduate Student Association, Spring Symposium. UBC. 28 April 2017
- Vaidyanathan, T. and A.C.J. Vincent. Impacts of an Extraction and Trade Ban on Exploitation for India’s Seahorses. SyngBio 2017. Tampa, Florida, USA. 18 May 2017
- Vaidyanathan, T. and A.C.J. Vincent. Impacts of an Extraction and Trade Ban on Exploitation for India’s Seahorses. Student Conference on Conservation Science. Bengaluru, India. 21 September 2017
- Zhang, X. and A.C.J. Vincent. Species distribution modeling and conservation strategies for Chinese seahorses. Presentation at the Institute of Zoology, Chinese Academy of Sciences, Beijing, China. 18 December 2017
- Aylesworth, L., Kuo, T.–C. and Vincent A.C.J. Quantifying fishers’ catch rates: exploring recall bias in reporting time slices. International Marine Conservation Congress. St. Johns, NL, Canada. July 30–August 3, 2016
- Kuo, T.–C. and Vincent A.C.J. Do international trade regulations affected the dried seahorse trade? North American Taiwan Studies Association 2016 Annual Conference. Toronto, Canada. 11 June 2016
- Zhang, X. and Vincent A.C.J. Species distribution modeling and conservation strategies for Chinese seahorses. Presentations to the 9th Zoology Symposium for the Six Southern Provinces, Haikou, China. 24 December 2016
- Zhang, X. and Vincent A.C.J. Taxonomy, distribution, and conservation strategies of Chinese seahorses. Presentation at Guangxi Mangrove Research Centre, Beihai, China. 19 December 2016
- Zhang, X. and Vincent A.C.J. Taxonomy, distribution, and conservation strategies of Chinese seahorses. Presentation to the 12th National Symposium for Wildlife Ecology and Conservation, Guangzhou, China. 27 November 2016
- Zhang, X. and Vincent A.C.J. Taxonomy, distribution, and conservation strategies of Chinese seahorses. Presentation at the Institute of Zoology, Chinese Academy of Sciences, Beijing, China. 7 November 2016

- Zhang, X. and Vincent A.C.J. Taxonomy, distribution, and conservation strategies of Chinese seahorses. Presentation at the Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, China. 31 October 2016
- Zhang, X. and Vincent A.C.J. Taxonomy, distribution, and conservation strategies of Chinese seahorses. Presentation at Hainan Normal University, Haikou, China. 26 October 2016.
- Zhang, X. and Vincent A.C.J. Using multiple datasets and species distribution models to inform seahorse conservations in China. Presentation at the South China Sea Fisheries Research Institute, Chinese Academy of Fisheries Sciences, Guangzhou, China. 3 October 2016.
- Zhang, X. and Vincent A.C.J. Seahorse research and conservation in China. Presentation to the 9th International Aquarium Congress, Vancouver, Canada. September 2016
- Zhang, X. and Vincent A.C.J. Using local ecological knowledge to predict seahorse distributions in China. Presentation to the 2016 Zoology Graduate Student Association Symposium Program. Biodiversity Museum Auditorium, UBC, Canada. 22 April 2016
- Aylesworth, L. and Kuo, T.–C. How many do you catch? Exploring recall bias in reporting time slices. UBC 3 Minute Thesis Semi Finals, Thea Koerner Undergraduate Ballroom. March 08, 2016.
- Foster, S.J. & A.C.J. Vincent. Project Seahorse: Generating knowledge, taking action and fostering collaboration. Xiamen University, Xiamen, Fujian Province, China. 12 October 2015
- Fujii, I. and Vincent, A.C.J. Benthic Habitat Changes in Marine Protected Areas. UBC 3 Minute Thesis Regional Competition, Beatty Biodiversity Museum Auditorium. 25 February 2016
- Kuo, T.–C. and Vincent, A.C.J. Assessing the impacts of CITES on international seahorse trade. UBC Zoology graduate student's association symposium. 10 April 2015
- Vaidyanathan, T. and Vincent, A.C.J. Conservation of Incidentally Caught Organisms. UBC 3 Minute Thesis Regional Heat, Beatty Biodiversity Museum. 1 March 2016
- Aylesworth, L., Loh, T.L., Rongrongmuang, W. and Vincent A.C.J. iSeahorse workshop: Seahorse identification and monitoring training; Thailand Department of Marine and Conservation of Natural Resources. Phuket, Thailand. 5 August 2015
- Loh, T.L., Aylesworth, L., Rongrongmuang, W. and Vincent A.C.J. iSeahorse workshop: Seahorse identification and monitoring training; Save our Seas (SOS) Thailand. Pattaya, Thailand. 2 August 2015
- Aylesworth, L., Rongrongmuang, W. and Vincent A.C.J. iSeahorse workshop: Seahorse identification and monitoring training; The Sea CoWorking Space. Phuket, Thailand. 23 July 2015
- Aylesworth, L., Loh, T.L., Apale, C.M. and Vincent A.C.J. iSeahorse workshop: Seahorse identification and monitoring training; Thailand Department of Fisheries. Bangkok, Thailand. 28 April 2015
- Vaidyanathan, T. and Vincent, A.C.J. Conservation of Species Incidentally Caught during Wildlife Exploitation. Zoology Graduate Student Association Symposium. 10 April 2015
- Kuo, T.–C. and Vincent, A.C.J. 2015. Assessing the impacts of CITES on international seahorse trade. Duck Family Environmental Politics Workshop. Seattle, WA. 5–7 March 2015
- Gillespie, K. M. and Vincent, A.C.J. The other 95%: the recovery patterns of marine invertebrates in marine protected areas in the Central Philippines. Pacific Ecology and Evolution Conference, Bamfield, British Columbia, Canada. 27 February – 1 March 2015
- Kuo, T.–C. and Vincent, A.C.J. Assessing the impacts of CITES on international seahorse trade. Pacific Ecology and Evolution Conference. Bamfield, BC. 28 February – 1 March 2015
- Stocks, A. and Vincent, A.C.J. Towards Sustainable Seahorse Fisheries in Vietnam." UBC 3 Minute Thesis Semi Finals, Thea Koerner Undergraduate Ballroom. 10 March 2015
- Manning, C.G. & Vincent, A.C.J. The effect of habitat quality on the growth and conservation of the longsnout seahorse, *Hippocampus reidi*, in Brazil. Proceedings of the 2015 Pacific Ecology & Evolution Conference. Bamfield, BC. 28 February – 1 March 2015

- Vaidyanathan, T. and Vincent, A.C.J. National Ban or Regulated Trade: Evaluating Policy Options to Ensure Sustainability. Bamfield, BC. 28 February -1 March 2015
- Vincent, A.C.J. Making a difference: The Guylian / Project Seahorse partnership for marine conservation. Sint Niklaas, Belgium. March 2015
- Zhang, X. and Vincent, A.C.J. Advancing seahorse conservation in China. Presentation to the Pacific Ecology & Evolution Conference. Bamfield, BC. Canada. 28 February 2015
- Stocks, A. and Vincent, A.C.J. "Supporting Vietnam's efforts towards seahorse conservation: assessing and mitigating threats to heavily fished marine species." Pacific Ecology and Evolution Conference, Bamfield Marine Sciences Centre. 28 February 2015
- Aylesworth, L. and Vincent, A.C.J. Thailand's seahorse research: trade, fisheries & sustainability. Thai Marine Fisheries Provincial Research Station Phuket, Thailand. 28 February 2015
- Aylesworth, L. Turning Divers into Citizen Scientists. # 1 South Asian News Talk Radio, Sher-E-Punjab Radio. September 2014
- Gillespie, K. M. and Vincent, A.C.J. The other 95%: the ecology and recovery patterns of marine invertebrates in marine protected areas. International Marine Conservation Congress, Glasgow, Scotland. 14-18 August 2014
- Gillespie, K. M. and Vincent, A.C.J. The other 95%: Bringing marine invertebrates into marine protected area science. Symposium at International Marine Conservation Congress, Glasgow, Scotland. 14-18 August 2014
- Lawson, J.M., Foster, S.J. and Vincent, A.C.J. Don't forget about the little guys: the global picture of seahorses in bycatch. Oral Presentation. The 3rd International Marine Conservation Congress. Glasgow, Scotland. 17 August 2014
- Aylesworth, L. and Vincent, A.C.J. Thailand's seahorse research: trade, fisheries & sustainability. Thai Marine Fisheries Provincial Research Station (Phuket, Phang-nga, Krabi, Satun, Samut Prakhn, and SuratThani provincial stations). 2014
- Aylesworth, L. and Vincent, A.C.J. Searching for Seahorses & Sustainability in Thailand. Save Koh Tao Festival, Koh Tao, Suratthani Province, Thailand. July 2014
- Aylesworth, L., Loh, T.L., and Black, K. PADI Seahorse Specialty Instructor Training – 33 dive instructors in Thailand – Phuket, Koh Tao, Pattaya. July 2014
- Aylesworth, L. and Vincent, A.C.J. Searching for Seahorses & Sustainability in Thailand. Centara Grand Hotel World Ocean's Day, Bangkok, Thailand. June 2014
- Aylesworth, L. and Vincent, A.C.J. Supporting Thai seahorse conservation with iSeahorse. Tour Guide Training Course of Trang Province and Suan Dusit Rajabhat University, Trang, Thailand. May 2014
- Aylesworth, L. and Vincent, A.C.J. Searching for Seahorses & Sustainability in Thailand. Thai Diving Expo, Bangkok, Thailand. May 2014
- Aylesworth, L. and Vincent, A.C.J. Project Seahorse at Phuket Aquarium. Phuket Today TV Show. Phuket, Thailand. May 2014
- Lawson, J.M. and Vincent, A.C.J. Don't forget about the little guys: impacts of bycatch on seahorses and implications for other small fishes. The University of British Columbia Graduate Student Symposium. Vancouver, B.C. 11 April 2014
- Gillespie, K. M. and Vincent, A.C.J. Project Seahorse's response to successive natural disasters in the Central Philippines. Queen Elizabeth Elementary School, Vancouver British Columbia, Canada. 16 December 2014
- Vincent, A.C.J. Three-minute talk for Fisheries Centre Welcome Back event. Sept 2014
- Selgrath, J. C., Gillespie, K. M. and Vincent, A.C.J. Complementing MPAs in the management of small-scale fisheries: Other tools and approaches. Symposium at the Third International Conservation Congress, Glasgow, Scotland. 14 -18 August 2014. [JCS and KMG organized event]



- Selgrath, J.C., Gergel, S., and Vincent, A.C.J. Does Multi-Scale Governance Influence the Sustainability of Small-Scale Fisheries? Evaluating the Role of Fishing Gear. International Marine Conservation Congress. Glasgow, Scotland. 14-18 August 2014
- Selgrath, J.C. Spatial Resilience in Ecosystems. Guest Lecture: Landscape Ecology. Department of Forest and Conservation Sciences, UBC. Vancouver, BC. 2014
- Selgrath, J.C., Gergel, S. and Vincent, A.C.J. Shifting Gears: The intensification of small-scale fishing. Zoology Department Graduate Symposium, UBC, Vancouver, BC. 2014
- Selgrath, J.C. and Vincent, A.C.J. Putting Conservation into Place: CITES, Citizen Science, Habitat Conservation & Fisheries Management. Shedd Aquarium, Chicago, IL. 19 June 2014
- Zhang, X. and Vincent, A.C.J. Mapping geographic distribution of rare marine fish species and human pressures – taking seahorses as the case study. Presentation for visiting the Laboratory of Tropical Marine Bio-resources and Ecology, Chinese Academy of Sciences. South China Sea Institute of Oceanology, Guangzhou, China. 17 June 2014
- Zhang, X. and Vincent, A.C.J. Advancing seahorse conservation through multi-spatial scale studies on species distribution, threat mapping, and habitat-use characteristics. Presentation to the 2014 Zoology Graduate Student Association Symposium Program. Biodiversity Museum Auditorium, UBC, Canada. 11 April 2014
- Selgrath, J.C. and Vincent, A.C.J. Social-ecological approaches to the conservation of coral reefs. Biodiversity Lunchtime Internal Seminar Series. Biodiversity Centre, UBC. Vancouver, BC, Canada. 7 April 2014
- Stocks, A. and Vincent, A.C.J. "Supporting Vietnam's efforts towards seahorse conservation." Research Institute for Marine Fisheries. Hai Phong, Viet Nam. 2 April 2014
- Vincent, A.C.J. 2014. The only fish that holds your hand. Garden House School, London, UK. 18 March 2014
- Stocks, A. and Vincent, A.C.J. "Supporting Vietnam's efforts towards seahorse conservation." UBC Fisheries Centre Seminar Series. Vancouver, BC. 14 March 2014
- Lawson, J. and Stocks, A. "Water We Doing to Our Oceans?" Ocean Motion Event, Common Energy UBC. Vancouver, BC. 11 March 2014
- Gillespie, K. M. and Vincent, A.C.J. The other 95%: the ecology of marine invertebrates in tropical marine protected areas. Pacific Ecology and Evolution Conference, Bamfield, British Columbia, Canada. 28 February – 2 March 2014
- Vincent, A.C.J. 2014. The tale of the pregnant male: saving seahorses and the seas. Ocean Park Hong Kong, Hong Kong. 11 January 2014
- Vincent, A.C.J. 2014. The tale of the pregnant male: saving seahorses and the seas. Manila Ocean Park, Philippines. 15 January 2014
- Stocks, A. and Vincent, A.C.J. Project Seahorse. Vancouver Aquarium. Vancouver, BC. 19 December 2013
- Aylesworth, L. and Vincent, A.C.J. Searching and Seeking for Seahorses & Sustainability. Way Cool Talk Series. Beaty Biodiversity Museum. Vancouver, BC. 2013
- Gillespie, K. M. and Vincent, A.C.J. The other 95%: Marine invertebrates in marine protected area science. Ecology and Evolution Retreat, Brackendale, British Columbia, Canada. 1-3 November 2013
- Lawson, J.M. and Vincent, A.C.J. Seahorses in Malaysia and beyond. UVic/UBC/SFU Ecology and Evolution Graduate Student Retreat. [Runner-up for Best Student Talk] 1-3 November 2013
- Selgrath, J.C. and Vincent, A.C.J. Small-Scale Fishing in the Philippines. Community Forestry Guest Lecture, UBC. 15 November 2013
- Stocks, A. and Vincent, A.C.J. The Search for Seahorse Solutions in Vietnam. Ecology and Evolution Retreat. Brackendale, BC. 2 November 2013

- Gillespie, K. M., Koldewey, H.J. and Vincent, A.C.J. Are MPAs working for marine invertebrates? Assessing the response of non–coral invertebrate species to MPAs. (Abstract accepted, not presented) Marseille, France. 21–27 October 2013
- Vincent, A.C.J. Collaborating for Conservation. Interface product launch. Calgary, Canada September 2013
- Vincent, A.C.J. Making a difference: The Project Seahorse / Shedd Aquarium partnership for marine conservation. John G. Shedd Aquarium, Chicago, USA. 9 August 2013
- Vincent, A.C.J. Dive deeper: A very successful partnership. John G. Shedd Aquarium, Chicago, USA. [On the occasion of the launch of the RAVE Photographic Expedition] 8 August 2013
- Aylesworth, L. and Vincent, A.C.J. Seahorse taxonomy, conservation, research and citizen science diver initiatives. Marine Conservation Koh Tao. July 2013
- Foster, S.J. and Vincent, A.C.J. Trawler trash: addressing the impacts of shrimp trawling on small fishes. International Congress for Conservation Biology. Baltimore, MD, USA. 21 -25 July 2013
- Stocks, A. and Vincent, A.C.J. Supporting Vietnam’s efforts towards seahorse conservation.” UBC Fisheries Centre Seminar Series. Vancouver, BC. 14 March 2013
- Lawson, J., Stocks, A. and Vincent, A.C.J. “Water We Doing to Our Oceans?” Ocean Motion Event, Common Energy UBC. Vancouver, BC. 11 March 2013
- 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
- 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
- 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
- Vincent, A.C.J. Alternative Livelihoods and Conservation. ZSL Discussion meeting on Alternative Livelihoods and Conservation. London, UK. 28 May 2012
- Kleiber, D., and A.C.J. Vincent. Gender and Conservation Workshop. Cambridge, UK, March 2012
- Kleiber, D, Harris, L. and A.C.J. Vincent. The Invisible Walking Fishers: Gender, Small–scale Fisheries, and Marine Conservation. Student Conference on Conservation Science, Cambridge, UK, March 2012
- Vincent, A.C.J. Alternative Livelihoods and Conservation. IUCN SSC Chairs meeting (Abu Dhabi) February 2012

- Foster, S.J., H.J. Koldewey and A.C.J. Vincent. Citizens saving seahorses: An online database for seahorse sightings. The 2nd Citizen Cyberscience Summit, London, UK. February 2012.
- Vincent, A.C.J. & D. Kleiber. Women, fisheries and marine protected areas. Cambridge Conservation Forum Annual Symposium, Cambridge, UK. January 2012
- Caldwell I.R. and A.C.J. Vincent. 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. 2-4 November 2011
- Caldwell I.R. and A.C.J. Vincent. Advances in “tagging” syngnathids with examples from studying long-snouted seahorses. Husbandry, Management and Conservation of Syngnathids Symposium, Shedd Aquarium, Chicago, IL, 2-4 November 2011
- Kleiber, D, Harris, L. and A.C.J. Vincent. 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. 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. 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
- 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. 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. 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. 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. 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. 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. Reconstructing a fishery for seahorses that are listed on both IUCN and CITES, as a step towards recovery targets. International Marine Conservation Congress. Washington, D.C., USA. 19–24 May 2009
- 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. 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. 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. A web-based tool to assist CITES Parties with seahorse conservation. Microsoft Research, Cambridge, UK. 27 March 2009
- Foster, S.J. and A.C. J. Vincent. Making Non–Detriment Findings for seahorses (*Hippocampus* spp.). International Expert Workshop on CITES Non–Detriment Findings, Cancun, Mexico, 17–22 November 2008
- Foster, S.J. and A.C. J. Vincent. A web-based tool to assist Parties with seahorse conservation. International Expert Workshop on CITES Non–Detriment Findings, Cancun, Mexico, 17–22 November 2008
- 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
- O'Donnell, K, Pajaro, M., Morgan, S.K., and A.C.J. Vincent. 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
- 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
- Samoilys, M.A., K.M. Martin–Smith, B. Giles, B. Cabrera, J. Anticamara, E.O. Brunio and A.C. J. Vincent. 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. CTES 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. Spatio–temporal dynamics of reef communities inside marine protected areas. Fisheries and Marine Ecosystems Graduate Student Conference, Crescent Beach, British Columbia, Canada. 28-30 April 2006
- Anticamara, J.A. and A.C.J. Vincent. Dynamics and recovery of degraded reef communities. Hopkins Marine Station, Monterey Bay, California, USA. 16 February 2006
- Pajaro, M.G., M. Mulrennan and A.C.J. Vincent. 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. 23-26 February 2005
- McCue, A. and A.C.J. Vincent. 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
- Anticamara, J.A. and A.C.J. Vincent. The responses of fish and benthic communities on degraded reefs that are turned into Marine Reserves. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June–2 July 2004
- Cabrera, B., B. Giles, M.A.Samoilys, D. McCorry, and A.C.J. Vincent. Long–term assessment of MPA success in Northern Bohol, Central Philippines. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June–2 July 2004
- Foster, S.J., M.C. Cashman, and A.C.J. Vincent. Universal minimum size limits for managing trade in an entire genus of fishes listed on CITES Appendix II. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June–2 July 2004. [oral presentation by Mary Cashman]
- Lourie, S.A. & A.C.J. Vincent. Seahorse phylogeography in the Coral Triangle. International Coral Reef Symposium, Okinawa, Japan. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June–2 July 2004. [oral presentation by Ghislaine Llewellyn]
- Morgan, S.K. and A.C.J. Vincent. Acknowledging the habitat requirements of juvenile coral reef fishes: the tiger–tailed seahorse *Hippocampus comes* as a case study. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June – 4 July 2004
- Pajaro, M.G., M. Mulrennan and A.C.J. Vincent. Developing Indicators of Effectiveness for Marine Protected Areas: A Comparison among Fishing Villages 10th International Coral Reef Symposium. Okinawa, Japan. 28 June – 4 July 2004
- Maypa, A.P., M.A. Samoilys, D. McCorry, and A.C.J. Vincent. Rapid Assessment of Seahorse Densities and Associated Habitats in the Philippines. 10th International Coral Reef Symposium. Okinawa, Japan. 28 June – 4 July 2004 [poster presentation]
- Koldewey, H.J., S.J. Foster and A.C.J. Vincent. The CITES listing of seahorses. Regional Aquarium Workshop, Mote Marine Laboratory, Florida, USA. June 2004
- Ban, N. and A.C.J. Vincent. Selecting ecologically viable marine protected areas in British Columbia. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Brunio, E.O. and A.C.J. Vincent. When a Fisheries Code Backfires. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004
- Cabrera, B., B. Giles, M.A.Samoilys, D. McCorry, and A.C.J. Vincent. Long–term assessment of MPA success in Northern Bohol, Central Philippines. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Curtis, J.M., and A.C.J. Vincent. Impacts on non–selective fishing gears on the population structure of two seahorse species in a coastal lagoon. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]

- Foster, S.J. and A.C.J. Vincent. Universal minimum size limits for managing trade in an entire genus of fishes listed on CITES Appendix II. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004
- Giles, B., D. McCorry, M. Samoilys, E.O. Brunio and A.C.J. Vincent. Long term monitoring of a seahorse fishery in central Philippines. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Grey, M. A.M. Blais, A. Edwards and A.C.J. Vincent. The North American trade in marine fauna for curiosities. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Hunt B.J. and A.C.J. Vincent. Bioprospecting – The use of marine organisms for the discovery and development of pharmaceutical drugs. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Martin–Smith, K., M. Samoilys, J. Meeuwig, and A.C.J. Vincent. Collaborative development of management options for an artisanal seahorse fishery in the central Philippines. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [poster presentation]
- Samoilys, M., J. Anticamara, B. Giles, B.T. Cabrera, E.O. Brunio, and A.C.J. Vincent. Variable impacts of seven MPAs on exploited fish species in Central Philippines. 4th World Fisheries Congress. Vancouver, Canada. 2–6 May 2004 [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. 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.J.C. Vincent. 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. Monitoring responses to marine protected areas: baseline data from a BACI design in the Philippines. Second International Tropical Marine Ecosystems Symposium, Manila. 24-27 March 2003
- Lourie, S.A. and A.C.J. Vincent. Using biogeography to help set priorities in marine conservation. Frontiers of Biogeography – Inaugural Meeting of the International Biogeography Society, Mesquite, Nevada, USA. 4–8 January, 2003 [poster presentation]
- Vincent, A. Obituary for Bob Johannes. Pew Fellows Annual Meeting, Bonaire, Netherlands Antilles. 19–23 October 2002
- Johannes, R.E. The renaissance of community–based marine resource management in oecania. 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 regrets]

- Curtis J.M. and A.C.J. Vincent. 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
- Lourie, 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]

#### Other participation in meetings

- UBC Department of Forest and Conservation Sciences. Making Better Conservation Decisions in British Columbia. The University of British Columbia. 27 November 2015
- Faculty of Science. Women in Science, UBC. The University of British Columbia. 22 June 2015
- Canadian Network for Ocean Education. Ocean Literacy in Canada Conference. Vancouver, BC. 17–18 June 2015

#### 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. 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. 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. 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

- 2018 Sauver les hippocampes, c'est sauver les oceans (Saving seahorses means saving the seas). Lycée de la Mer, Sète, France. 12 June 2018
- 2016 Seahorses and the ocean. Trafalgar Elementary School Grade 1 French Immersion. 8 March 2016
- 2014 Seahorses and the ocean. Trafalgar Elementary School Grade 2 French Immersion. June 2014
- 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, Magnussen School, Vancouver. 11 March 2008
- 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) • Project Seahorse Foundation for Marine Conservation Inc Board of Trustees (Philippines) • UBC Fisheries Centre International Advisory Council visit (x 2)
- 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)

## MEDIA COVERAGE

In addition to 8 full TV programmes aired in 5 countries, I have had coverage in 140+ Television/Radio magazine and news programmes, in 8 countries, and more than 500+ articles in print and online media outlets in 24 countries.

### Magazine and News Programmes on Television/Radio

**2022:** *CHCH News* (Canada), *National Geographic* (Global), *Radio Canada* (Canada)

**2021:** *CNN (Call to Earth)* (Global), *Pet Pals* (USA), *WTHR Channel 13*, *NBC affiliate* (USA)

**2020:** *CBC As it Happens* (Canada), *CBC Early Edition* (Canada), *Global News* (Canada), *CTV News* (Canada), *Phare Quest - Radio Canada* (Canada), *CKNW The Lynda Steele Show* (Canada), *The Science Show with Robyn Williams*, *ABC News (Australia)*, *Cheddar Innovates* (USA), *The Indianapolis Star* (USA), *WFYI Public Media*, *Indianapolis* (USA), *WTHR Channel 13*, *NBC affiliate* (USA), *Lonely Planet* (USA)

**2019:** *CNN International* (USA), *Global News* (Canada), *Radio Canada* (Canada), *La Voz de Galicia* (Spain)

**2017:** *Global TV* (Canada), *CKNW* (Canada)

**2016:** *CBC* (Canada), *CTV* (Canada), *Global TV* (Canada), *Roundhouse Radio* (Canada), *CBS-Indianapolis* (USA), *Fox-Indiana* (USA)

**2015:** *ABC Radio: The Science Show* (Australia), *CTV News* (Canada), *Global Television* (Canada), *CBC News* (Canada), *CKNW Talk Radio* (Canada)

**2014:** *The Science Show/ABC News* (Australia), *Phuket Gazette* (Thailand), *CBC TV Vancouver* (Canada), *Global TV* (Canada), *CBC TV: The National* (Canada), *CBC Radio: Early Edition* (Canada)

**2013:** *CBC TV: The National* (Canada), *CBC Radio: Early Edition* (Canada), *Global BC News Hour* (Canada)

**2012:** *Sky News* (UK), *BBC Radio Midweek* (UK), *CBC Radio* (Canada), *NBC: The Today Show* (USA), *ABC News: Nightline* (USA)

**2011:** *National Geographic Television* (USA), *BBC* (UK)

**2010:** *BBC: Wildnight* (UK), *Global BC TV* (Canada), *CTV News* (Canada)

**2009:** *KQED: Quest* (USA)

**2008:** *BBC: Ocean Series* (UK), *Discovery Channel* (Canada), *BBC Radio 5* (UK)

**2007:** *CBC Radio* (Canada), *Connecticut Public Radio: Faith Middleton Show* (USA)

**2006:** *China Central Television* (China), *King TV* (USA), *NBC Evening Magazine* (USA), *NPR: Weekend Edition Sunday* (USA), *Mom's Radio* (Philippines)

**2005:** *NPR* (USA), *APR: Environmental Directions Radio Series* (Global), *Mom's Radio* (Philippines), *DYLA* (Philippines)

**2004:** *ABC* (Australia), *ATN* (Australia), *Ten 10 Sydney News* (Australia), *CBC Newsworld* (Canada), *CBC Radio* (Canada), *CBC-TV* (Canada), *NPR Radio Expeditions* (USA)

**2003:** *CBC Newsworld* (Canada), *Discovery Channel Canada: Daily Planet* (Canada)

**2002:** *CBC Radio* (Canada)

- 2001:** *ABC National: The Science Show* (Australia)
- 2000:** *Radio Canada Science programme: Découvertes* (Canada), *BBC TV: Natural History Unit's State of the Planet* (UK), *TVA interviews* (Canada), *Global TV: This Morning Live* (Montreal, Canada), *Global TV: Talking Heads* (Montreal, Canada)
- 1999:** *CBC- Midday* (Canada), *BBC Radio* (UK), *CNN TV: Earth Matters* (USA), *RDI (SRC): Le Bulletin des Jeunes* (Canada), *CJBK- Morning Show* (London, Canada), *Earth and Sky radio series* (funded by National Science Foundation, USA), *ABC Radio: Earthbeat Radio Australia* (Australia), *BBC Radio 4-Postmarks* (UK), *CBC Radio: All in a Weekend* (Canada)
- 1998:** *CBC Radio-Quirks and Quarks* (Canada), *News 2 Chicago -Morning Show* (USA), *WBBM-TV* (CBS), *HNN Cable Network - Headline News*, *News channel 5* (USA), *NBC - WMAQ-TV* (USA), *CTV-Gabereau!* (Canada), *CTV-Pulse News* (Canada), *ABC TV 7.30 Report* (Australia - national), *Prime TV Newcastle* (NSW, Australia), *Win TV news* (Tasmania), *ABC TV news* (Tasmania)
- 1997:** *CBC Radio -This Morning* (Canada), *CBC Radio* (Canada), *Radio Canada International* (Canada), *Radio Canada* (Canada), *Brigada Siyete* (Philippines), *CTV-Canada AM* (Canada), *Magandang Gabi Bayan* (Philippines), *Discovery Channel* (Canada)
- 1996:** *CBC Radio International* (Canada), *BBC Radio* (UK), *BBC Radio 4* (UK), *BBC Radio 1* (UK), *BBC Radio 2- Newsbeat* (UK), *BBC Radio 5* (UK), *Live BBC Derby* (UK), *GLR* (UK), *ABC Radio* (Australia), *Michael Dodd Radio Australia* (Australia), *ABC Radio Environment Show* (Australia), *Radio Australia* (Australia), *BBC World Service* (UK), *BBC World Service -East Asia Today* (UK), *BBC World Service* (Vietnamese language), *CBC Radio: Gabereau* (Canada)
- 1995:** *BBC 1 - Blue Peter* (UK), *ABC Radio* (Australia), *BBC Radio 4: Natural History Programme* (UK), *BBC Radio: Science Show* (UK), *BBC Radio 4: Women's Hour* (UK), *BBC World Service* (UK), *BBC Radio 4: Midweek BBC Oxford* (UK), *Radio Hong Kong* (China), *Heritage BBC World Service* (UK)
- 1994:** *Channel 4: Big Breakfast* (UK), *BBC World Service* (UK), *ABC Radio: The Science Show* (Australia), *Radio Netherlands* (The Netherlands), *BBC Radio 5* (UK), *BBC Radio 4: Women's Hour* (UK), *BBC Radio 2: John Dunn Show* (UK), *BBC Radio: Oxford News* (UK), *BBC Radio Surrey/Sussex Fox FM news* (UK), *Independent Radio News* (UK), *BBC Radio 4: Natural History* (UK)
- 1993:** *CBC - Quirks & Quarks* (Canada)
- 1992:** *Channel 9: Today morning news & The World Tonight* (Australia)
- 1998:** *BBC World Service: Nature Notebook* (UK), *BBC Radio 4: Women's Hour* (UK), *BBC Cambridgeshire* (UK)

### Full television programmes, solely about my work

ABC News: Nightline. *Seahorses: Marvels of the Sea*. 12 October 2011.

<http://ABCnews.go.com/Nightline/video/seahorses-marvels-sea-14725837>

National Geographic TV documentary. *The Freaky Fish*. 15 September 2011 (original air date).

<http://natgeotv.com.au/tv/seahorses-freaky-fish/>

TV Asahi Corporation (Japan). *Sea Horse*. Produced by Kajima Vision Productions Co. 30-minute programme. Aired 29 May 2005.

Discovery Channel (Canada). *Champions of the Wild, IV Series*. 30-minute programme. 6 November 2000.

FR3 (France). Thalassa. *Amanda chez les hippocampes*. 30-minute programme on our seahorse conservation work. Filmed June 1998. Aired 15 January 1999.

BBC1 (UK). QED: *The Secret Life of Seahorses*. 40-minute programme on our seahorse conservation work. Aired 11 July 1996. Sir David Attenborough narrating.

- Winner of Lufthansa Award for Conservation/Environment at WildScreen 1996.
- Winner of the Special Jury Prize, Antibes International Underwater Film Festival 1996
- Best of Category (Environmental Issues Long) Missoula International Wildlife Film Festival, Montana 1997. Also merit Awards for Presentation of Wildlife Cultural Interrelationships, Balanced Treatment of Controversial Issues, Excellent Footage, Conservation Message, and Storyline.
- Golden Hawk, best documentary award at MAT 97, Atlantic Film Festival (Azores)
- Special Award of the Jury, Palmares International Underwater Festival 1997.
- Nominated Best Documentary and Best Cinematography, Royal Television Society 97.

Nova, PBS (North America). *Kingdom of the Seahorse*. 52-minute programme on our seahorse conservation work. Aired 15 April 1997 and 23 September 1997. Tony Khan narrating.

BBC1 (UK): Wildlife on One. *The Tale of the Pregnant Male*. 30-minute programme based on my seahorse research. Aired 1 March 1988. Sir David Attenborough narrating. Sold to 37 countries by 1990.

### Print and Online Media (regional, national & international newspapers and magazines)

**2023:** *Hakai magazine* (Canada), *KentOnline* (UK), *Le Mauricien* (Mauritius), *MSN.com* (USA), *SEAFDEC Newsletter* (Thailand), *The Isle of Thanet News* (UK), *The Philippine Star* (Philippines), *UBC Science* (local), *UBC Today* (local), *Washington Post* (USA), *Watershed Sentinel* (local)

**2022:** *BBC* (UK, Global), *CHCH News* (Canada), *Radio Canada* (Canada), *National Geographic* (Global), *Science* (Global)

**2021:** *Canadian Geographic* (Canada), *CNN (Call to Earth, Global)*, *Daily Journal* (USA), *Dialogo Chino* (Global), *DiveNewswire* (USA), *Indianapolis Star* (USA), *InSight Crime* (Global), *WHTR* (USA)

**2020:** *Asia-Pacific Boating* (Hong Kong), *Canadian Wildlife* (Canada), *Cheddar* (USA), *Georgia Straight* (Canada), *Global News* (Canada), *The Indianapolis Star* (USA), *Le Lezard* (Canada), *Lonely Planet* (Global), *New Kerela* (India), *The Ubysey* (Canada), *Vancouver is Awesome* (Canada)

**2019:** *CNN International* (USA), *La Voz de Galicia* (Spain), *Mongabay* (USA), *Science Daily* (USA), *Oceanwise* (Canada)

**2018:** *CBS4* (USA), *The Patch* (USA), *Miami New Times* (USA), *South Florida Reporter* (USA), *The Times of India* (India), *The Hindu* (India), *Xihua.net* (China), *Phys.org* (UK), *Science Daily* (USA), *Science Friday* (USA), *Mongabay* (USA), *Diário de notícias* (Portugal), *The Kathmandu Post* (India), *Oceana Blog* (USA), *National Geographic Society* (USA), *Midi Libre* (France), *SCUBA News* (Egypt), *DIVE Magazine* (UK), *Algarve Daily News* (Portugal), *Nikkei Asian Review* (Japan)

**2017:** *The Guardian* (UK), *Mongabay* (USA), *The Times of India* (India), *UBC News* (Canada), *The India Times* (India), *Hakai Magazine* (Canada), *El Mundo Ciencia* (Spain), *La Opinion de Malaga* (Spain), *IUCN News* (Switzerland), *Servimedia* (Spain), *Canarias7* (Canary Islands), *Shanghai Daily* (China), *Algarve Daily News* (Portugal), *The Hamilton Spectator* (Canada)

**2016:** *National Geographic* (USA), *ABCnews.com* (USA), *World News Report*, *VOANews* (USA), *Care2.com* (USA), *Salon.com* (USA), *The Tribune* (India), *Yahoo! News* (USA), *New York Times* (USA), *Washington Post* (USA), *Fox News* (USA), *San Francisco Chronicle* (USA), *Miami Herald* (USA), *The Seattle Times*

- (USA), *Las Vegas Sun* (USA), *Lexington Herald-Leader* (USA), *Minneapolis Star Tribune* (USA), *Sun Herald* (USA), *CBC* (Canada), *CTV* (Canada), *Global TV* (Canada), *Metro Canada* (Canada), *Vancouver Sun* (Canada), *Shanghai Daily* (China), *Bangkok Post* (Thailand), *Irish Examiner* (UK), *News24* (South Africa), *La Opinion de Malaga* (Spain), *Phys.org* (UK)
- 2015:** *Indianapolis Star* (USA), *Yahoo! News* (USA), *HNGN* (USA), *The Guardian* (UK), *Phys.org* (UK), *Huffington Post* (USA), *National Geographic Newswatch* (USA), *Phuket Gazette* (Thailand), *The Ubyyssey* (Canada), *Chicago Daily Herald* (USA), *Scuba Diving Magazine* (USA), *iPolitics* (Canada), *Phnom Penh Post* (Cambodia), *The Science Show* (ABC News – Australia), *Bangkok Post* (Thailand)
- 2014:** *Mongabay* (USA), *Nature* (USA), *Summit County Citizens Voice* (USA), *Mother Nature Network* (USA), *Business Inquirer* (Philippines), *The Ubyyssey* (Canada), *National Geographic* (USA), *GMA News* (Philippines), *Phuket Gazette* (Thailand), *Dive Magazine* (UK), *Vancouver Sun* (Canada), *24 Hrs Vancouver* (Canada), *Globe and Mail* (Canada), *Metro* (Canada), *Huffington Post* (USA), *The Guardian* (UK)
- 2013:** *The Guardian* (UK), *Washington Post* (USA), *Huffington Post* (USA), *Scientists in the Field* (USA), *Duikpaats.net* (Belgium), *CBC News* (Canada), *MSN News* (USA), *The Ubyyssey* (Canada), *Mongabay* (USA), *Duikeninbeeld.tv* (Belgium), *Treehugger* (USA), *Popular Science* (USA), *Coastal and Marine News* (Global), *Charity Digital News* (UK), *Vancouver Sun* (Canada), *National Geographic Newswatch* (USA), *The Sunday Times* (UK), *PhilStar* (Philippines), *GMA News* (Philippines), *Manila Bulletin* (Philippines)
- 2012:** *National Geographic Newswatch* (USA), *The Guardian* (UK), *IDRC/CRDI News* (Canada), *The Telegraph* (UK), *Owl Kids* (Canada), *University of Cambridge News* (UK), *Odyssey Kids' Magazine* (USA), *Times of London* (UK), *Washington Post* (USA)
- 2011:** *Wall Street Journal* (USA), *BBC Nature* (UK), *Conservation Magazine* (USA), *Aquatic Conservation* (UK), *World Association of Zoos and Aquariums (WAZA) News* (Spain), *Philstar.com* (Philippines), *earthdive.com* (Global), *GMA News* (Philippines), *Business Green* (UK), *Greenpeace.org.uk* (UK), *Glass Magazine* (UK)
- 2010:** *Bloomberg* (USA), *The Irish Times* (UK), *LA Times* (USA), *Scientific American* (USA), *The Guardian* (UK), *Treehugger* (USA), *Gaia Discovery* (Singapore), *The MIT Tech* (USA)
- 2009:** *National Geographic Voices* (USA), *MPA News* (USA), *KQED Science* (USA), *BBC News* (UK), *The Ubyyssey* (Canada), *Pacific Rim Magazine* (Canada), *Earthdive.com* (Global), *Orato.com* (Global), *ScienceBlog.com* (USA), *Metafilter.com* (USA), *BBC Earth News* (UK)
- 2008:** *National Geographic Explorer* (USA), *EAZA (European Association of Zoos and Aquaria) News* (Netherlands), *L'Express du Pacifique* (Canada), *Telegraph* (UK), *The Guardian* (UK), *The Times* (UK), *Daily Express* (UK), *The Independent* (UK), *Metro* (Canada), *BBC News* (UK), *The Sun* (UK), *Times Online* (UK), *Mail Online* (UK), *The Undersea Journal* (USA)
- 2007:** *24 hours* (Canada), *UniWorld* (Canada), *Coup de Pouce* (Canada), *The Independent* (UK), *Cebu Daily News* (Philippines), *Sun Star Cebu* (Philippines), *The Grocer* (UK), *Monterey Bay Aquarium Member Magazine* (USA), *Sing Tao* (China), *World Journal* (China), *Elle World* (France)
- 2006:** *Coastal Living Magazine* (USA), *Grad tidings* (Canada), *Life Watch* (UK), *The University of British Columbia In the News* (Canada), *IUCN Species* (Switzerland), *Via Times* (USA), *Filipino TV* (Philippines), *Lawndale News* (USA), *Higher* (UK), *Cebu News Daily* (Philippines), *Vancouver Courier* (Canada), *Manila Times* (Philippines), *Newcastle Herald* (UK), *Darwin News* (Australia)

- 2005:** *UBC Reports* (Canada), *Sport Diver* (North America), *The Explorers Journal* (USA), *California Wild* (USA), *Tsang Fook Kee Medicine Co* (China), *Coastwatch* (USA), *Go Dive* (Australia), *Pioneer Press* (Minneapolis), *Practical Fishkeeping* (UK), *California Wild* (USA), *Philippines Star* (Philippines), *Agence-France Press* (France), *Chicago Tribune* (USA), *Daily Herald* (Chicago, USA), *Aquarium* (UK)
- 2004:** *The McGill Reporter* (Canada), *UBC Reports* (Canada), *Wildlife Conservation* (North America), *The Explorers Journal* (North America), *Northwest Science & Technology* (North America), *Performance* (Canada), *PTES news* (London), *Awake* (USA), *Tauchen* (Europe), *The Headingtonians Newsletter* (Oxford), *for Enterprise* (Switzerland), *Performance magazine* (Canada), *Awake!* (USA), *The Examiner* (Launceston), *Port Stephens Examiner* (Australia), *The Australian* (Australia), *Sydney Morning Herald* (Australia), *WILD* (Australia), *Wildlife Conservation* (Australia), *UniTas* (Australia), *News-Journal* (Florida), *Lifewatch* (London), *WaterShedd* (USA), *FishBytes* (Canada), *South China Morning Post* (China), *Independent* (South Africa), *Tapei Times* (Taiwan), *Bridges Weekly Trade News Digest* (Global), *AquaNews*, *Environment News Service* (USA), *Tauken* (Europe)
- 2003:** *Vancouver Sun* (Canada), *Vancouver Courier* (Canada), *Daily Telegraph* (UK), *Washington Times* (USA), *Chicago Tribune* (USA), *US News and World Report* (USA), *Schweizer Familie* (Switzerland), *Brigitte* (Germany), *Lifewatch* (UK), *Asian Geographic* (Singapore), *Trek, the Magazine of UBC* (Canada), *Les Explorateurs* (Canada) *VIA magazine* (Canada), *Asian Diver* (Singapore), *Florida News-Journal* (USA), *The Gazette* (Canada), *Montreal Mirror* (Canada), *Europas größtes Tiermagazin* (Belgian), *Geo Lino* (Germany), *Unitas* (Australia), *The Saturday Mercury* (Australia), *The Helix* (Australia), *Yes Mag* (Canada), *Spektrum* (Netherlands), *Life Lines* (UK), *UBC Report on Giving* (Canada), *Broadcast News* (Canada), *Reuters* (USA), *Seattle Times* (USA), *The Canadian Press* (Canada), *USA Today* (USA), *National Post* (Canada), *Der Spiegel* (Germany), *Hindustan Times* (India), *BBC Wildlife Magazine* (UK), *Ultima Hora* (Portugal), *Gazeta Wybotcza* (Poland). Associated Press coverage of closing of Seahorse Symphony at Shedd Aquarium, including interview with Amanda Vincent, was carried in dozens of U.S. newspapers, as well as several outlets in other countries.
- 2002:** *National Geographic* (North America), *DIVE New Zealand/Pacific* (New Zealand), *Monterey County Herald* (USA), *Diving Magazine* (Belgium), *Texas Parks and Wildlife* (USA), *Maclean's* (Canada), *Der Spiegel* (Germany), *Vancouver Sun* (Canada), *The Economist* (USA), *UBC Reports* (Canada), *The IUCN Bulletin* (Switzerland) *The Star* (Malaysia), *The Province* (Canada)
- 2001:** *Sydney Morning Herald* (Australia), *The Gazette* (Canada), *Elm Street Magazine* (Canada), *The McGill Reporter* (Canada), *McGill News* (Canada), *WWF Hong Kong Panda Club Post* (Hong Kong), *New Idea* (Australia), *The Australian Magazine* (Australia), *Australian Mother and Baby* (Australia), *For Me* (Australia), *Survey Seahorse Newsletter* (UK), *Sulstico* (Portugal) *The Resident* (Portugal) *Cebu Daily News* (Philippines), *Filipino Reporter* (Philippines), *Seahorses Down Under* (book: Australia), *Hippocampus* (Belgium), *Le Monde* (France), *McGill Science* (Canada), *Asian Diver* (North America), *Cebu Daily News* (Philippines)
- 2000:** *La Presse* (Canada), *The Gazette* (Canada), *The Times* (UK), *National Post* (Canada), *Coastal Living* (USA), *Environmental News Network* (USA), *What's On in London* (UK), *Yes Magazine* (Canada), *Science News* (USA), *Science*, *Metro* (London, UK), *Daily Mail* (UK), *The Express* (UK), *Radio* (UK), *Ham & High* (UK), *Western Morning News* (UK), *Chocolate and Confectionary International*, *Lifewatch* (UK), *The Conservationist Newsletter* (USA), *IMPACT* (Canada)

**1999:** *L'Actualité* (Canada), *Canadian Wildlife* (Canada), *Washington Post* (USA), *La Presse* (Canada), *Le Journal de Montreal* (Canada), *Seven Seas* (Japan), *TIME for Kids* (World Report Edition) and *Teacher's Guide*, *Eos* (Netherlands), *Ocean Realm* (USA), *International Wildlife* (USA), *La Capital* (Argentina), *Het Belang van Limburg* (Belgium), *Viet Nam News*, *ASPCA magazine* (USA), *Lab Business* (Canada), *McGill Reporter* (Canada)

**1998:** *Newsweek* (USA), *National Post* (Canada), *Sydney Morning Herald* (Australia), *Daily Telegraph* (Australia), *Mercury* (Hobart, Australia), *The Australian* (Australia), *The Mirror* (UK) ... and more. Our work and/or the collaborative seahorse exhibit at Shedd Aquarium, Chicago featured in about 100 national and regional newspapers. May 1998.

**1997:** *TIME* magazine (USA), *New York Times* (USA), *La Stampa* (Italy), *The Age* (Australia), *The Australian* (Australia), *The Examiner* (Australia), *Ansett Inflight Magazine* (Australia), *People and the Planet* (UK), *The Gazette* (Canada), *Globe & Mail* (Canada), *Ottawa Citizen* (Canada), *McGill Reporter* (Canada), *McGill News* (Canada)

**1996:** *The Times* (UK), *Sunday Times* (UK), *Telegraph* (UK), *Independent* (UK), *Guardian* (UK), *Daily Express* (UK) *The Age* (Australia), *Sydney Morning Herald* (Australia), *Geographical Magazine* (Australia), *Asian Wall Street Journal* (Australia), *Courier-Mail* (Australia)

**1994-1996:** *Economist* (UK), *Daily Telegraph* (UK), *Guardian* (UK), *The Times* (UK), *New Scientist* (UK), *Oryx* (UK), *BBC Wildlife Discoveries* (UK), *Today*, *Oxford Today* (UK), *Oxford University Gazette* (UK), *Oxford Times* (UK), *Oxford Journal* (UK), *Sunday Sport inter alia* (UK), *Eastern Express* (Hong Kong), *South China Morning Post* (Hong Kong), *Japan Economic Newswire* (Japan), *Montréal Gazette* (Canada), *Globe & Mail* (Canada), *Chicago Tribune* (USA), *Houston Post* (USA), *Portland Oregonian* (USA)... and more

## GRANTS and FUNDING

My funding total over 31 years (from 1991 to 2024) has been 22,251,788.00 CAD from 69 sources.

## 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 it was only possible to teach undergraduates after 2013, when I 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.

### Undergraduate teaching

I am excited to support my students with innovations in teaching. I teach in a flipped classroom, where students watch lectures before we meet, allowing us to discuss ideas throughout our contact time. I

invite students to submit their work as essays, videos, podcasts or other formats, applying the same rubric to all media. I ask that students provide reflections on their learning experiences, growing their connection to the material. My exam is take home and open book, with questions that are low barrier and high ceiling, to invite all students to engage. I support students to develop communication skills, through blogs, policy briefings, and presentations geared at children. I constantly seek new ways of promoting learning.

Teaching evaluation

I am proud of my undergraduate and graduate teaching, as illustrated by these three examples during the challenges of COVID-19 teaching. I receive annual commendations from the Dean of Science for my effective teaching, which usually elicits a score of 4.9/5.0 for effectiveness and the same score for my interest in the students. I also received a score of 4.7 for being “intentional about cultivating a welcoming and inclusive environment that supports all students and encourages all students to participate.” and 4.7 for treating students with respect.

I was particularly pleased with my teaching ratings during the difficult years of Covid.

- i. BIOL 420 in 2022 – COVID-19 hybrid teaching, online for the first half of the course then in person. Received 4.9/5.0 for question 5 (The instructor showed a genuine interest in supporting my learning and 5.0/5.0 for question 6 (Overall, I learned a great deal from this instructor).

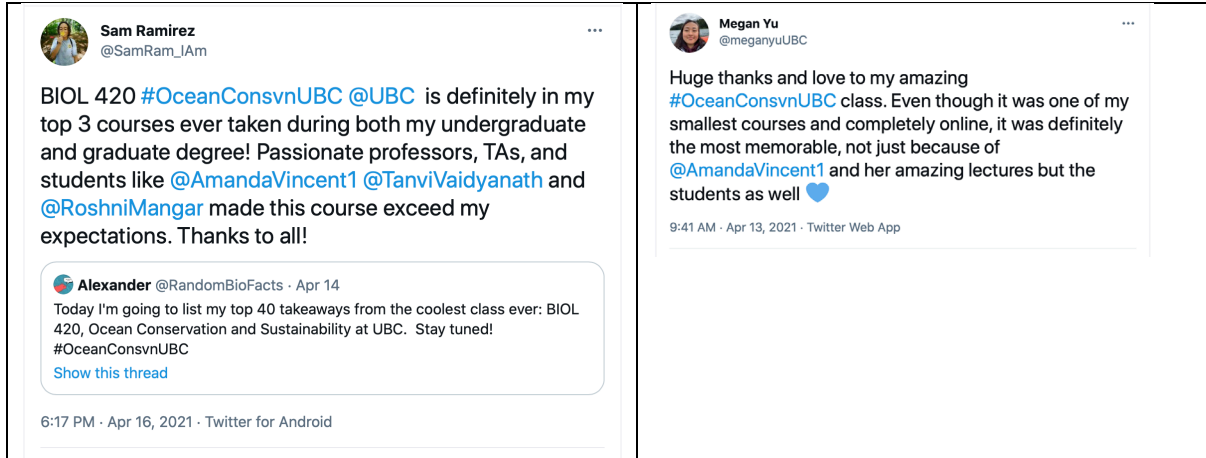
University Module Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	24	22	0	0	2	10	10	0	4.4	0.3
The instructor conducted this course in such a way that I was motivated to learn.	24	22	0	0	1	3	18	0	4.9	0.2
The instructor presented the course material in a way that I could understand.	24	22	0	0	1	6	15	0	4.8	0.3
Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.	24	22	0	2	1	10	9	0	4.3	0.4
The instructor showed genuine interest in supporting my learning throughout this course.	24	22	0	0	0	3	19	0	4.9	0.1
Overall, I learned a great deal from this instructor.	24	22	0	0	1	1	20	0	5.0	0.1

- ii. BIOL 420 in 2021 – first COVID-19 pandemic year, entirely online – Received 4.9/5.0 for question 5 (The instructor showed concern for student learning and 5.0/5.0 for question 6 (Overall, the instructor was an effective teacher). I also attach three unprompted tweets from the students in April 2021.

University Module Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The instructor made it clear what students were expected to learn.	23	21	0	1	1	8	11	0	4.5	0.4
The instructor communicated the subject matter effectively.	23	21	0	0	0	4	17	0	4.9	0.2
The instructor helped inspire interest in learning the subject matter.	23	21	0	0	0	2	19	0	4.9	0.1
Overall, evaluation of student learning (through exams, essays, presentations, etc.) was fair.	23	21	0	0	0	6	14	1	4.8	0.2
The instructor showed concern for student learning.	23	21	0	0	0	3	18	0	4.9	0.1
Overall, the instructor was an effective teacher.	23	21	0	0	0	2	19	0	4.9	0.1



iii. FISH 520 in 2021 – in person but distanced. Received 5.0/5.0 for all questions.

**University Module Questions**

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	7	6	0	0	0	0	6	0	5.0	0.0
The instructor conducted this course in such a way that I was motivated to learn.	7	6	0	0	0	0	6	0	5.0	0.0
The instructor presented the course material in a way that I could understand.	7	6	0	0	0	0	6	0	5.0	0.0
Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.	7	6	0	0	0	0	6	0	5.0	0.0
The instructor showed genuine interest in supporting my learning throughout this course.	7	6	0	0	0	0	6	0	5.0	0.0
Overall, I learned a great deal from this instructor.	7	6	0	0	0	0	6	0	5.0	0.0

Other support for students

Graduate Advisor. Fisheries Centre. January 2013–January 2016.

- Engagement varied according to need but commonly reached 6–10 hours per week.
- Provided significant amounts of pastoral care and academic support for 50–60 Fisheries graduate students in Zoology and RMES (through which our students are admitted).
- Held meetings open to all graduate students, met with student representatives, catalysed and supported surveys on graduate student satisfaction, led annual reviews for first year students in RMES.
- Updated records, initiated systemic changes in administrative matters, organized admissions and awards, liaised with colleagues in Zoology and RMES programmes.
- Reviewed Fisheries Centre supervisor/student relationships, records and histories. Initiated review and change as necessary. Engaged with Zoology analyses of graduate student supervision in the Fisheries Centre.
- Organized and led one day faculty workshop on the future of the Fisheries Centre’s graduate training. 18 April 2013.

Special interest in dyslexia and its superpowers

- Passionately committed to improving support for dyslexia, a neurological difference found in 20% of people, characterized by great creativity, lateral thinking and innovation... and difficulties with literacy.
- Catalysed the first training workshop on teaching dyslexics for UBC Science faculty members (23 November 2021)
- Connected Erin Kline, at Fraser Academy (a Vancouver independent school entirely for dyslexic children) with Mai Yasue from the UBC Equity and Inclusion Office to help develop the workshop.



#### Creation & support of training program

- Co-creator and co-PI. NSERC CREATE Training Our Future Ocean Leaders programme. Lead Simon Donner. Announced 12 April 2016. Total 1.65 million CAD. Nine PIs in total.
- Management committee member, Ocean Leaders programme.
- Faculty mentor. Ocean Leaders Science and Policy workshop. 21 April 2017

#### Course development

- Co-created FISH507 \*NEW COURSE\* Grand Challenges in Ocean Leadership. With Simon Donner, devised the course, prepared the syllabus and launched the UBC review process. Ran for the first time in Fall 2017.
- Helped conceive and develop ZOOL 548f, 548i, 548l \*NEW COURSES\* (Science Communications). New series of 1-unit modules, as part of a larger planning for Graduate education in Zoology.
- Created BIOL 420 \*NEW COURSE\* (Ocean Conservation and Sustainability). Ran for the first time in Fall 2013. I am the only professor and am delivering 21/24 lectures. Wrote extensive new syllabus, ushered it through senate approval, developed course, prepared and delivered lectures and tutorials, developed complementary Connect (Blackboard) site.
- Reshaped BIOLOGY 420 (Ocean Conservation and Sustainability) entirely in response to COVID-19 pandemic. My goal was to make this a truly wonderful course, despite the pandemic.
  - Moved the course online, creating new assignments.
  - Flipped the classroom to generate 23 recorded lectures. Hosted 23 lecture discussions and 30 hours of active learning. Involved 25 guests from around the world.
  - Navigated multi-layered UBC COVID-safety protocols and obtained clearance to lead two in-person (all day) field trips, seemingly the highlight of the year for many students.
  - Received wonderful reviews from the students, with a mark of 4.9/5.0 for effective teaching.

#### (b) Courses Taught at UBC (both graduate and undergraduate)

BIOL 420 Ocean Conservation & Sustainability (from 2013 to present)

FISH 520 Fisheries Conservation, Governance and Evaluation (Reconciling fisheries with conservation module) (from 2012 to present)

ENVR 200 Introduction to Environmental Science – guest lecture (2016 onwards)

And many more guest lectures.

#### (c) (ii) Courses Taught at McGill

Aquatic conservation

Political ecology

Applied tropical ecology field course

Ecology and Behaviour field course

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

I receive about 100 applications a year for graduate study. I increasingly try to select students from countries where I would like to conduct research and advance fisheries/ocean management, with the intent of executing high quality projects while also building capacity for that country.

I take great pride in mentoring the next generation of conservation scientists, and I value mentoring greatly. I have supervised the following colleagues:

- Completed Ph.D. Students: 22 including 2 co-supervised
- Completed M.Sc. Students: 8 plus 3 co-supervised for research component
- Current Ph.D. Students: 4
- Current M.Sc. Students: 1
- Postdoctoral Fellows: 10
- Research Associates: 12
- Undergraduate student projects and work-learn supervision: 50
- Research Biologists and Research Assistants: 36
- Overseas field staff (primarily in the Philippines and Viet Nam): 58

My professional development

- Participated in Equity and Inclusion workshop. Fisheries Centre, UBC. 1.5 hours on 23 April 2014.
- Participated in Writing Compelling Commentary workshop for Women Faculty led by Shari Grayson. UBC. Four hours on 25 April 2014.
- Getting Started with Connect. Took three-hour training to support my new course. 29 January 2013
- Audited UBC course in Fisheries Law (LAW 395) in 2006F
- Community Service Learning: Linking academic Content to community involvement. UBC Centre for Teaching and Academic Growth (TAG). 20 March 2006
- Canadian Council on Animal Care (CCAC) / National Institutional Animal User Training (NIAUT) Program. Online. 2005
- Conflict Resolution level 1. UBC. 4 March 2003
- Negotiating and Influencing for Success. The Management Centre, UK. 3-4 Feb 2001
- Developing and managing effective research teams. University of Oxford, UK. July 1996

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. 10er July 2006

- Participated (by invitation) in Women’s Faculty Leadership and Mentoring Forum – May 2014
- Participated in ReImagining the PhD workshop. Hosted by Susan Porter, Dean of Graduate and Postdoctoral Studies. Full day on 6 June 2014
- 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 Post-approval Monitoring for field projects involving animals. Prepared presentation and accepted questions for an hour.

International Development Research Network

- 2011 (1) Panelist in Resource and Environmental Management themed workshop  
(2) Professional Development Seminar on grant writing. International Development Conference for Graduate Student Researchers 10–11 May 2011.

Faculty of Science

- 2024 - Acting Director of the IOF and Chair of the IOF Advisory Committee for the Black Faculty hiring initiative, UBC Faculty of Science. Led all elements of search in the IOF.
- 2022 – Member, Community of Practice for Faculty of Science leaders in Equity, Diversity and Inclusion. Meets monthly
- 2014–2015 Institute for the Oceans and Fisheries Working Group. ca 20 hours by 31 March 2015
- 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 – 2009 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)

### Graduate and Postdoctoral Studies

2010, 2013–2015, 2019 Chair, PhD examinations

### Institute for the Oceans and Fisheries

2023 Hosted visit to IOF by The Rt Hon Lord Benyon, UK Minister for Biosecurity, Marine and Rural Affairs on 8 Feb, including guiding him for a visit to fishermen in False Creek for two hours

2021 – 2023 Chair, Respect, Equity, Diversity and Inclusion (REDI) Committee, with meetings every two weeks. Developing Code of Conduct, Safe Responses Protocol and more.

2022 - 2019 – Faculty mentor for Dr. David Rosen

2019 – 2021 Co-founder and Faculty facilitator, Women and Gender Minorities Caucus for graduate students and postdoctoral fellows. Meeting monthly (weekly during COVID).

2019 – 2021 Member, Respect, Equity, Diversity and Inclusion Committee

2017 – Assisted in generation of the IOF Respectful Environment Survey

2017 – Communications Advisory Committee

### Fisheries Centre

2013 – 2016 Graduate Advisor. Fisheries Centre.

- Engagement varied according to need but commonly reached 5–10 hours per week.
- Provided significant amounts of pastoral care and academic support for 50–60 Fisheries graduate students in Zoology and RMES (through which our students are admitted). Addressed many concerns from individual students that included (but were not limited to) supervisory difficulties, financial woes, loss of academic momentum, mental health issues and personal crises. Filed Early Alerts and liaised with Graduate and Postdoctoral Studies and UBC support services as needed.
- Held meetings open to all graduate students, met with student representatives, catalysed and supported surveys on graduate student satisfaction, led annual reviews for first year students in RMES.
- Updated records, initiated systemic changes in administrative matters, organized admissions and awards, liaised with colleagues in Zoology and RMES programs.
- Reviewed Fisheries Centre supervisor/student relationships, records and histories. Initiated review and change as necessary. Engaged with Zoology analyses of graduate student supervision in the Fisheries Centre.

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

#### Biodiversity Centre

Panel contribution, BRITE Careers and Network event, UBC. May 2014

#### Department of Zoology

- Chair, MSc exam – 2013

#### 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

2016 Faculty supporter, UBC Let's Talk Science – Marine Connections High School Outreach. UBC Centennial fund. One-day scientific outreach event, taking two disadvantaged Surrey secondary school classes to an active research beach in White Rock. 24 May 2016

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

- 2014–2015 Dr. Sigal Balshine, Department of Psychology, McMaster University, Hamilton, Ontario
- 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
- 2008 Dr Mohammed Reza Shokri, Department of Marine Biology, Shahid Beheshti University, Iran
- 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.

## SERVICE TO THE COMMUNITY

### (a) Memberships on scholarly societies, including offices held and dates

- 2010 – 2017 Editorial Board, Aquatic Conservation: Marine and Freshwater Systems

### (b) Memberships on other societies, including offices held and dates

#### Membership of Professional Societies

- 1992 – Society for Conservation Biology
- 1996 – International Society for Reef Studies
- 1995 – Fellow, Royal Geographical Society
- 1985 – Fellow, Cambridge Philosophical Society

#### Past Membership of Professional Societies

- 1991 – 2001 Association for the Study of Animal Behaviour
- 1991 – 2005 Marine Conservation Society, U.K.
- 1990 – 2006 International Society for Behavioural Ecology

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

- 2017 – Marine representative, Steering Committee, IUCN Species Survival Commission  
2017 – Chair, Marine Conservation Subcommittee, IUCN Species Survival Commission  
2012 – Chair (and founder), IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group (renamed from IUCN SSC Seahorse, Pipefish and Stickleback Specialist Group)  
2012 – 2016 Policy Subcommittee, IUCN Species Survival Commission  
2010 – 2017 Marine representative, IUCN International Red List Committee, Geneva  
2007 – 2009 Marine Conservation Subcommittee, IUCN Species Survival Commission,  
2013 – 2017 [interrupted for extended parental leave]  
2007 – 2010 Marine Protected Areas Working Group, Ocean Management Research Network, Canada  
2005 – 2012 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, PLOS One, Proceedings of the Royal Society B, Royal Society Open Science, 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 (for students where I was not a supervisory member)

- |      |   |
|------|---|
| 2022 | Nicole Jung. Honour project. What if Nuu–chah–nulth worldviews informed our visions of Rockfish stewardship? Assessing Rockfish ( <i>Sebastes</i> spp.) Size and Age Trends in the Court Defined fishing Area   |
| 2021 | Taylor Wale M.Sc. Validating the Use of Non–invasive Energy Sampling Techniques to Differentiate Wild and Enhanced Skeena Sockeye Salmon ( <i>Oncorhynchus nerka</i> ) Populations. The University of British Columbia, Vancouver, Canada                     |
| 2017 | Louw Claassens Ph.D. Population ecology of the endangered Knysna seahorse ( <i>Hippocampus capensis</i> Boulenger, 1900) in a tidal marina, Thesen islands, Knysna, South Africa: implications for conservation. Rhodes University, Grahamstown, South Africa |
| 2016 | Nolan Bett Ph.D. Responses of Pacific Salmon to Pheromones, Natal Water, and Disturbance Cues During the Spawning Migration. The University of British Columbia, Vancouver, Canada  |
| 2012 | Rachel Chudnow, M.Sc. In search of “effective management”: case study of the British Columbia Dungeness crab ( <i>Cancer magister</i> ) fishery and lessons from domestic and international experience. The University of British Columbia, Vancouver, Canada |
| 2011 | Kimberley Hruska. Ph.D. Factors affecting egg retention and longevity in spawning female sockeye Salmon ( <i>Oncorhynchus nerka</i> ). University of British Columbia, Vancouver, Canada  |
| 1997 | Glenn Moore. M.Sc. Reproductive biology of the Western Australian seahorse <i>Hippocampus subelongatus</i> . 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)

NB: See Section 9 above for consultant roles locally to globally.

“areas of special interest and accomplishments” above – Section 9(a)

“contracts” above – Section 9(c)



“public lectures” above – Section 9(g)

(i) Other service to the community

NB: See Section 9 above and Section 13 below for many contributions locally to globally.

2017 March 1–2 External Reviewer, School of Resource and Environmental Management, Simon Fraser University, Burnaby, BC, Canada [formal peer–review panel of three academics]

AWARDS AND DISTINCTIONS

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

2023	Dawkins Prize for Conservation and Animal Welfare, by Balliol College at the University of Oxford.	This Prize honours exceptional achievement in research focused on animals whose conservation and welfare are affected by human activity.
2021	Winner, Indianapolis Prize (250 000 USD)	World’s <u>top</u> award for animal conservation, given every two years for achieving “major victories in advancing the sustainability of an animal species or group of species”. First marine conservationist to win this award.
2020	Fellow, The Royal Society of Canada	The Fellows of the RSC are peer–elected as among the best in their field.
2018	Le Cren medal (Fisheries Society of the British Isles)	Recognises outstanding work in conservation, education and outreach
2016	One of six finalists for the global 2016 Indianapolis Prize (250,000 USD).	For significant achievement in animal conservation.
2010	One of six finalists for the global 2010 Indianapolis Prize (100,000 USD).	For significant achievement in animal conservation.
2007	Yves Rocher Woman of the Earth (7,000 USD)	“for acting for the good of nature and the well–being of all humankind”
2005	Chevron Conservation Award (15,000 USD) honoring outstanding	contributions to the conservation of natural resources
2000	Pew Fellowship in Marine Conservation (150,000 USD 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 GBP)	for Assessing Asian trade in seahorses and their relatives
1998	Rolex Award for Enterprise (50,000 USD)	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 GBP)	first recipient of this global flagship conservation prize

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

2007	Canada Research Chair in Marine Conservation, for research excellence,	from the Government of Canada [renewal]
2002	Canada Research Chair in Marine Conservation, for research excellence,	from the Government of Canada
1991	The Royal Society, UK (2,500 GBP)	John Murray Travelling Studentship in Oceanography and Limnology

(c) Other Awards

2022	Alumni of Distinction, Sir Frederick Banting Secondary School (awarded to two people per annum)
2019	Citation of Excellence, International Union for the Conservation of Nature (IUCN) Species Survival Commission (SSC) for the Seahorse, Pipefish and Seadragon Specialist Group “For their outstanding contribution in delivering the Species Strategic Plan”. Chaired by Amanda Vincent
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. [ <a href="http://wildlifeheroes.org/">http://wildlifeheroes.org/</a> ]. 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, The University of
2000 – 2003	Hong Kong
1995 –	Fellow: Royal Geographical Society

Books written about Project Seahorse 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]

## FURTHER PROFESSIONAL CONSERVATION ACTIVITIES

### Evidence of Global Leadership

- 2023 – Advisory Council, EuroSyng, a €1.7 million assessment of syngnathid populations across Europe (see below).
- 2022 - Member, Steering Group, Transform Bottom Trawling Coalition
- 2017 – Chair, [Marine Conservation Committee](#), IUCN Species Survival Commission
- 2017 – Marine representative, Steering Committee, IUCN Species Survival Commission
- 2012 – Chair (and founder), [IUCN SSC Seahorse, Pipefish and Seadragon Specialist Group](#) (renamed from IUCN SSC Seahorse, Pipefish and Stickleback Specialist Group)
- 2012– 2016 Member, Policy Subcommittee, IUCN Species Survival Commission
- 2010 – 2017 Marine representative, IUCN International Red List Committee, Geneva
- 2007 – 2009, Marine Conservation Subcommittee, IUCN Species Survival Commission, [interrupted 2013 – 2017 for extended parental leave]
- 2007 – 2010 Marine Protected Areas Working Group, Ocean Management Research Network, Canada
- 2005 – 2012 Chair, IUCN SSC Syngnathid Red List Authority
- 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 Marine representative, Steering Committee, IUCN Species Survival Commission with special responsibility for coastal species

### 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 were 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 was executed in collaboration with Dr. Sarah Foster, my Research Associate.

### Conservation initiatives and breakthroughs

#### OnDeck Fisheries AI

Advisory Council member for [OnDeck Fisheries AI](#), which is revolutionizing fisheries monitoring and enabling sustainably managed fisheries for generations to come.

### [EUROSYNG](#)

Advisory Council member for EUROSYNG, the first ever initiative aimed at evaluating the health of syngnathid populations across Europe. Supported by Biodiversa+ and has a budget of €1.7 million. It has the overarching objective of acting as a global catalyst for the implementation of IUCN WCC-2020-Res-095, allowing the EU to lead the process of effectively protecting syngnathids and their habitats.

### IUCN Red List assessments

Oversaw programme to evaluate the conservation status of all the world's Syngnathiformes and Gasterosteiformes fishes (324 species), using IUCN Red List criteria. They were completed in 2017 and have all been published ([www.iucnredlist.org](http://www.iucnredlist.org)), with each assessment released as a primary paper. Now re-doing all assessments, with an end date of December 2025.

#### iSeahorse (citizen science)

- Citizen / community science initiative, drawing on our scholarly, technical and outreach expertise. Intended to convert citizen scientists to citizen conservationists.
- Media coverage in the Washington Post, National Geographic News Watch, the Huffington Post, Popular Science, Vancouver Sun, and more
- Developed iSeahorse Trends Toolkit. Technical guidance about choosing sites, surveying seahorse populations, identifying species, measuring survey "effort," and recording data. Have recruited eleven citizen trends monitors in Europe, Middle East, Africa, Australia and Asia, who survey the same seahorse populations repeatedly to a common protocol we created ([iseahorse.org/online-training](http://iseahorse.org/online-training)).

#### RAVE

- The International League of Conservation Photographers ([www.ilcp.org](http://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.
- Launched international photo exhibition and education campaign based on expedition photos at (i) John G. Shedd Aquarium, Chicago in August 2013, (ii) Ocean Park Hong Kong January 2014 (iii) Manila Ocean Park, Philippines January 2014. (iv) Zoological Society of London February 2014. Over 1.2 million visitors expected to see exhibit during its 12-month run in Chicago alone.

#### Policy support and action facilitated, including Legislation and Customs action (with other team members)

- Wrote six formal Motions for the IUCN World Conservation Congress (originally scheduled for June 2020), on (1) global fisheries management, (2) marine ecosystem restoration (3) freshwater / marine connectivity (4) fisheries bycatch (5) seahorses and other syngnathids (6) finless porpoises. The Congress brings together 1350 conservation organizations (including government, NGOs and community organizations) to plan shared policy, in the form of Motions that become Resolutions.
- CITES (17–28 August 2019): Policy input to the 18th meeting of the Conference of the Parties to CITES, Johannesburg, South Africa. Resulted in 182 countries of CITES adopting a workplan in the form of Decisions. This outline actions to move trade in seahorses towards being sustainable, legal and monitored.... as a precedent for other marine fishes with regulated global export trade.
- CITES (24 Sept to 4 Oct 2016): IUCN delegate to the 17th meeting of the Conference of the Parties to CITES, Johannesburg, South Africa. Resulted in another 11 species of sharks and rays coming under export regulation, something we had actively supported with documents, meetings and policy input

- CITES (23 Sept 2016): IUCN delegate to the 67th meeting of the CITES Standing Committee, Johannesburg, South Africa. Resulted in Thailand announcing a suspension of exports for all seahorses, which we prompted.
- CITES (11–15 January 2016): IUCN delegate to the 66th meeting of the CITES Standing Committee, Geneva, Switzerland. Resulted in suspension of seahorse exports from Guinea and Senegal, which we prompted.
- CITES (2–3 May 2014): IUCN delegate to the 27th meeting of the CITES Animals Committee, Veracruz, Mexico. Resulted in formal CITES recommendations to Thailand to improve sustainability of exports for a 4th species of seahorse, which I crafted.
- CITES (March 2013). 63rd meeting of the CITES Standing Committee. Decided to impose import suspension for *Hippocampus kuda* from Viet Nam because the Party had not met its obligations under the Review of Sustainable Trade. This was the first ever global export suspension for any marine fish under any multilateral agreement. Suspension lifted at 70th meeting of the CITES Standing Committee when Viet Nam guaranteed it would not export wild-sourced *Hippocampus kuda*.
- CITES (15–24 March 2012): IUCN delegate to the 26th meeting of the CITES Animals Committee, March 2012. Geneva. Switzerland. Resulted in formal CITES recommendations to Thailand and Viet Nam to improve sustainability of exports for three seahorse species, which I crafted. Also resulted in other parties being brought into the significant trade review process.
- CITES (18–22 July 2011): IUCN delegate to the 25th meeting of the CITES Animals Committee, Geneva, Switzerland. Resulted in Guinea, Senegal, and other Parties being brought into the significant trade review process and asked to prove that their exports were sustainable.
- New South Wales, Australia (1 July 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 (2002–2004): Chair, Seahorse Working Group, CITES Animals Committee. Fostered working group action to obtain information, hold a technical workshop, write the subsequent discussion document, devise implementation guidelines.
- CITES (15 November 2002): The 12th Conference of the Parties (now 167 countries) decided 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 (2000–2002): 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.
- 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.
- IUCN (1997–2000): Member of the Steering Committee, Species Survival Commission of IUCN (World Conservation Union) with special responsibility for coastal species (1997–2000); Acting as IUCN 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).
  - 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.
  - 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 35 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.