

Jennifer F. Provencher, PhD

Garfield Weston Post-Doctoral Fellow in Northern Research, Biology Department, Acadia University

National Wildlife Research Centre

1125 Colonel By Drive, Raven Road

Ottawa, Ontario, Canada, K1A 0H3

Email: Jennifer.provencher@canada.ca; jennifpro@gmail; jennifer@caff.is

Website: jenniferprovencher.com; Twitter: @jenni_pro; Instagram: @jenniferprovencher

Phone: 613 998 8433; Fax: 613 998 0458

Current position:

2016 - 2018 W.Garfield Weston Post-Doctoral Fellow in Northern Research, Biology Department, Acadia University - Dr. Mark Mallory.

Education:

2011 - 2016 Doctorate of Philosophy in Biology; Specialization in Environmental and Chemical Toxicology - Carleton University; Supervisors – Dr. Mark Forbes and Dr. Grant Gilchrist; Thesis title – *Parasites and mercury as possible drivers of avian health and reproduction*

2007 - 2010 Master of Science - University of Victoria; Supervisors – Dr. Tony Gaston and Dr. John Dower; Thesis title – *Seabirds as indicators of change in the eastern Canadian Arctic*

2003 - 2004 Bachelor of Education (Senior Sciences and Biology) - University of British Columbia

1998 - 2003 Bachelor of Science (Marine Biology) - University of British Columbia

Current professional roles:

2017 - ongoing Task Force member; East Asian Australasian Flyway Partnership (EAAFP) Task Force on illegal killing, taking and trade of migratory waterbirds.

2016 - ongoing Coordinator of the Arctic Migratory Bird Initiative (AMBI); Conservation of Arctic Flora and Fauna (CAFF) working group of the Arctic Council.

2016 - ongoing Representative for the Conservation of Arctic Flora and Fauna (CAFF) working group of the Arctic Council to the Americas Flyway Framework (AFF) Task Force under the Convention of Migratory Species of Wild Animals (CMS or the Bonn Convention under the United Nations Environment Programme).

Peer-Reviewed Publications:

35. Borrelle S, Rochman C, Liboiron M, Bond AL, Lusher A, Bradshaw H, **Provencher JF**. In review. It is time for an international agreement on marine plastic pollution: Building a global foundation to make local solutions possible. *PNAS*. Submitted May 2017.
34. Avery-Gomm S, **Provencher JF**, Poon F, Smith P, Liboiron M. In review. Plastic pollution in the Labrador Sea: An assessment using the seabird northern fulmar *Fulmarus glacialis* as biological monitoring species. *Marine Pollution Bulletin*. Submitted May 2017.
33. Dietz R, Eulaers I, Gabrielsen GW, Letcher RJ, Sonne C, Andersen-Ranberg E, Barst BD, Basu N, Bustnes JO, Bytingsvik J, Ciesielski TM, Desforges JP, Drevnick PE, Gustavson K, Jenssen BM, Kruemmel E, Levin M, Mallory M, McKinney MA, Muir DCG, **Provencher JF**, Ross PS, Staffansson J, Tartu S, Wilson S. In review. Exposure to and biological effects of organohalogen contaminants and mercury in Arctic wildlife and fish. AMAP Effects Assessment; submitted for national review August 2016.
32. Avery-Gomm S, Borrelle SB, **Provencher JF**. In review. Linking marine plastic ingestion research to wildlife conservation. *Conservation Biological Diversity*. Submitted February 6 2017.
31. Mallory C, Gilchrist HG, Robertson GJ, **Provencher JF**, Braune BM, Forbes MR, Mallory ML. In review. Hepatic trace element concentrations of breeding female common eiders across a latitudinal gradient in the eastern Canadian Arctic. *Marine Pollution Bulletin*. Submitted January 29, 2017.

30. Steenweg R, Crossin GT, T. Kyser K, Merkel FR, Gilchrist HG, Hennin HL, Robertson GL, **Provencher JF**, Flemming JM, Love O. In press. Stable isotopes can be used to infer the overwintering locations of pre-breeding marine birds in the Canadian Arctic. *Ecology and Evolution*. Accepted June 2017.
29. Sydeman W, Thompson SA, Anker-Nilssen T., Arimitsu M, Bennison A, Boersch-Supan P, Bransome N, Boyd C, Crawford R, Daunt F, Furness R, Gianuca D, Gladics A, Koehn L, Lang J, Logerwell E, Morris T, Phillips E, **Provencher JF**, Punt A, Saraux C, Shannon L, Sherley R, Simeone A, Wanless R, Wanless S, van der Lingden C. In press. Best practices for assessing forage fish fisheries - seabird resource competition. *Fisheries Research*. Accepted May 2017.
28. Robillard A, Gauthier G, Therrien JF, Fitzgerald G, **Provencher JF**, Bety J 2017. Variability in stable isotopes of snowy owl feathers and contribution of marine resources to their winter diet. *Journal of Avian Biology*, DOI:10.1111/jav.01257.
27. *Poon F, **Provencher JF**, Mallory ML, Braune BM, Smith P. 2017. Levels of ingested debris vary across species in Canadian Arctic seabirds. *Marine Pollution Bulletin* DOI.org/10.1016/j.marpolbul.2016.11.051.
26. **Provencher JF**, Forbes MR, Mallory ML, Wilson S, Gilchrist HG. 2017. Anti-parasite treatment, but not mercury burdens, influence nesting propensity for late arriving individuals and those in poor condition. *Science of the total Environment* 575 (1): 849-857. DOI:10.1016/j.scitotenv.2016.09.130
25. **Provencher JF**, Bond A, Mallory ML, Avery-Gomm S, Borrelle S, Bravo-Rebolledo E, Hammer S, Kühn S, Lavers J, Mallory M, Trevail A, van Franeker J. 2016. Quantifying ingested debris in marine megafauna: a review and recommendations for standardization. *Analytical methods* 9: 1454-1469. DOI: 10.1039/c6ay02419j.
24. **Provencher JF**, Forbes M, Hennin H, Love O, Braune BM, Mallory ML, Gilchrist HG. 2016. Implications of mercury and lead concentrations on breeding physiology and phenology in an Arctic bird. *Environmental Pollution* 218: 1014-1022. DOI:10.1016/j.envpol.2016.08.052.
23. **Provencher JF**, Gilchrist HG, Mallory ML, Mitchell GW, Forbes MR. 2016. Direct and indirect causes of sex bias in mercury concentrations and gastro-intestinal helminths in a marine bird. *Science of the Total Environment* 551-552: 506-512. DOI:10.1016/j.scitotenv.2016.02.055.
22. Hammer S, Nager R, Johnson PCD, Furness RW, **Provencher JF**. 2016. Plastic debris in great skua (*Stercorarius skua*) pellets corresponds to seabird prey species. *Marine Pollution Bulletin*. 103 (1-2): 206-210. DOI: 10.1016/j.marpolbul.2015.12.018
21. Mallory ML, Braune BM, **Provencher JF**, Callaghan DB, Gaston AJ, Gilchrist HG, Edmonds ST, Allard K, and O'Driscoll NJ. 2015. Mercury levels in feathers of marine birds in Arctic Canada. *Marine Pollution Bulletin* 98 (1-2): 308-313.
20. ^A**Provencher JF**, Bond A, Mallory ML. 2015. Marine birds and plastic debris in Canada: a national synthesis, and a way forward. *Environmental Reviews* 23(1): 1-23.
19. Morrill A, **Provencher JF**, Forbes MR. 2014. Testing for dual impacts of contaminants and parasites on hosts: the importance of skew. *Environmental Reviews* 22(4): 445-456.
18. Bond AL, **Provencher JF**, Daoust P-Y, Lucas Z. 2014. Plastic ingestion by fulmars and shearwaters at Sable Island, Nova Scotia, Canada. *Marine Pollution Bulletin* 87 (1-2): 68-75.
17. Braune BM, Gaston AJ, Letcher RJ, Gilchrist HG, Mallory ML, **Provencher JF**. 2014. A geographical comparison of chlorinated, brominated and fluorinated compounds in seabirds breeding in the eastern Canadian Arctic. *Environmental Research* 134: 46-56.
16. **Provencher JF**, Bond AL, Hedd A, Montevecchi W, Muzaffar SB, Courchesne S, Gilchrist HG, Jamieson SE, Merkel FR, Falk K, Durinck J, Mallory ML. 2014. Prevalence of marine debris in marine birds from the North Atlantic. *Marine Pollution Bulletin* 84: 411-417.
15. ^A**Provencher JF**, Mallory ML, Braune BM, Forbes MR, Gilchrist HG. 2014. Mercury and marine birds in Arctic Canada: effects, current trends and why we should be paying closer attention. *Environmental Reviews* 22(3): 244-255.
14. Braune BM, Gaston AJ, Gilchrist HG, Mallory ML, **Provencher JF**. 2014. A geographical comparison of mercury in seabirds in the eastern Canadian Arctic. *Environment International* 66: 92-96.

13. **Provencher JF**, Braune BM, Gilchrist HG, Forbes M, Mallory ML. 2014. Trace element concentrations and gastrointestinal parasites of Arctic terns breeding in the Canadian high Arctic. *Science of the Total Environment* 476-477: 308-316.
12. Braune BM, Gaston AG, Elliott KH, **Provencher JF**, Woo KJ, Chambellant M, Ferguson SH, Letcher RJ. 2013. Organohalogen contaminants and total mercury in forage fish preyed upon by thick-billed murres in northern Hudson Bay. *Marine Pollution Bulletin* 78:258-266.
11. Bond AL, **Provencher JF**, Elliot RD, Ryan PC, Rowe S-L, Jones I, Robertson GJ, Wilhelm SI. 2013. Ingestion of plastic marine debris by common and thick-billed murres in the northwest Atlantic from 1985-2012. *Marine Pollution Bulletin* 77: 192-195.
10. **Provencher JF**, Elliott KH, Gaston A, Braune B. 2013. Networks of prey specialization in an Arctic monomorphic seabird. *Journal of Avian Biology* 44: 551-560.
9. Avery-Gomm S, **Provencher JF**, Bertram D, Morgan K. 2013. Plastic ingestion in marine-associated birds from the Eastern North Pacific (2001-2011). *Marine Pollution Bulletin* 72(1):257-259.
8. *Clyde N, Provencher JF, Heath J. 2012. Responses of Pelagic Cormorants (*Phalacrocorax pelagicus*) to marine traffic and Bald Eagles (*Haliaeetus leucocephalus*) in Barkley Sound, British Columbia. *Northwestern Naturalist* 93: 237-240.
7. Gaston A, Smith P, **Provencher JF**. 2012. Discontinuous change in ice cover in Hudson Bay in the 1990s and some consequences for marine birds and their prey. *ICES Journal of Marine Science* 69(7): 1218-1225.
6. Gaston AJ, **Provencher JF**. 2012. A specimen of the high arctic sub-species of Atlantic Puffin *Fratercula arctica naumanni* in Canada. *Canadian Field Naturalist* 126: 50-54.
5. **Provencher JF**, Gaston AJ, O'Hara P, Gilchrist G. 2012. Seabird diet indicates changing Arctic marine communities in eastern Canada. *Marine Ecology Progress Series* 454:171-182.
4. Salmon R, Carlson DJ, Almeida MH, Baeseman J, Edwards K, Huffman LT, Kolset T, Malherbe RJH, McCaffrey MS, Munro N, de Pomereau J, **Provencher JF**, Rahman-Sinclair KA, Raymond M, Sparrow EB, Zicus S. 2011. Education, outreach and communication during the International Polar Year 2007-2008: Stimulating a Global Polar Community. *The Polar Journal* 1(2):265-285.
3. **Provencher JF**, Gaston AJ, Mallory M, O'Hara P, and Gilchrist G. 2010. Ingested plastic in a diving seabird, the thick-billed murre (*Uria lomvia*), in the eastern Canadian Arctic. *Marine Pollution Bulletin* 60(9):1406-1411.
2. Mallory M, Karnovsky N, Hunt G, Hobson K, Gaston A, **Provencher JF**, Forbes M, Byers T, and Dick T. 2010. Temporal and spatial patterns in the diet of northern fulmars (*Fulmarus glacialis*) in the Canadian High Arctic. *Aquatic Biology* 10(2):181-191.
1. **Provencher JF**, Gaston AJ and Mallory M. 2009. Evidence for increased ingestion of plastics by northern fulmars (*Fulmarus glacialis*) in the Canadian Arctic. *Marine Pollution Bulletin* 58(7): 1092-1095.

* Student projects co-supervised by Provencher

△ Papers selected by as Editor's Choice and given open access status

Other Relevant Publications (non-peer reviewed):

3. Tondu JME, Balasubramanian AM, Chavarie L, Gantner N, Knopp J, **Provencher JF**, Wong PBY, Simmons D. 2014. Working with communities to build collaborative research partnerships: perspectives from early career researchers. *Arctic* 67 (3): 419-429.
2. **Provencher JF**, McEwan M, Mallory ML, Braune BM, Carpenter J, Harms NJ, Savard G, Gilchrist HG. 2013. How wildlife research can be used to promote wider community participation in the North. *Arctic* 66(2): 237-243.
1. **Provencher JF**, Gantner N, Schmale J, Swanson H, Baeseman J. 2012. Early career researchers and mentors work together to shape the future of the Arctic Monitoring and Assessment Programme. *Arctic* 65(1); 115-118.

Teaching experience at the university/college level:

- 2007-2017** Lead Instructor Marine Bird Dissection/Wildlife Contaminants Workshop; Environment and Technology Program at Nunavut Arctic College
- 2016** Teaching Assistant Biology 3604/5407 (Analysis of Ecological Relationships - Biostatistics); Carleton University
- 2012-2015** Teaching Assistant Biology 1003 (General Biology I); Carleton University
- 2012-2016** Teaching Assistant Biology 1103 (General Biology II); Carleton University
- 2011** Teaching Assistant Marine Birds summer course; Bamfield Marine Sciences Centre
- 2009-2010** Teaching Assistant Biology 190B (General Biology II); University of Victoria
- 2008-2009** Teaching Assistant Biology 190A (General Biology I); University of Victoria
- 2006** Teaching Assistant EDCI 591 Marine Biology for Teachers; University of Victoria at Bamfield Marine Sciences Centre

Supervising and Mentoring Activities:

- 2016-2017** Jazmen Tourangeau; Carleton University honours study.
- 2016-2017** Sahar Seif; Carleton University honours student.
- 2017** Claus Hindberg; Aarhus University exchange student.
- 2016** Stine Vestbo; Aarhus University exchange student.
- 2015** Florence Poon; Carleton University honours student.
- 2014** Jessica Laplante; CÉGEP coop student.
- 2013** Maxim Rivest; Ottawa University coop student.
- 2013** Alannah Kataluk-Primeau; Inuit Field Research Assistant.
- 2012-2013** Terry Noah; Nunavut Sivuniksavut student.
- 2012** Joanna Panipak-; Inuit Field Research Assistant.
- 2011-2012** Valerie Damphousse; CÉGEP coop student.
- 2011-2012** Nida Haider; Carleton University Coop student.

Guest Lecturing Experience:

- 2017** Carleton University, Environmental Change in Ecosystems: Ottawa, Canada.
- 2017** Carleton University, Ecological Parasitology: Ottawa, Canada.
- 2016** Nunavut Arctic College, Environmental Technology Program: Iqaluit, Canada.
- 2015** Vancouver Island University, Lunch speaker series: Nanaimo, Canada.
- 2015** Nunavut Arctic College, Environmental Technology Program: Iqaluit, Canada.
- 2014** Nunavut Arctic College, Environmental Technology Program: Iqaluit, Canada.
- 2013** Queen's University, Environmental Studies Program: Kingston, Canada.

Other Teaching/Curriculum Experience:

- 2010-2011** International Polar Year Education and Outreach Assessment Project Leader – Association of Polar Early Career Researchers (APECS)
- 2009-2012** Curriculum Consultant – Sea Ice Curriculum International Polar Year Project
- 2004-2007** Public Educator and Research Diver – Bamfield Marine Sciences Centre; Bamfield, Canada

Research Grants Received to Date:

- 2017/18** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Wildlife Contaminants Workshop - linking wildlife and human health through a hands-on workshop* (Co- PI with Jamal Shirley (Nunavut Research Institute), Jason Carpenter (Nunavut Arctic College), and Mary Gamberg (Gamberg Consulting); \$43,305).
- 2017/18** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Plastics as a vector of contaminants to Arctic seabird tissues and eggs* (Co-PI with Mark Mallory (Acadia University; \$15,785)).

- 2017/18** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Learning about ringed seal health from contaminants science and Inuit Qaujimajatuqangit: an educational workshop in Sachs Harbour, NWT* (Co- PI with Magali Houde; \$34,293).
- 2016/17** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Wildlife Contaminants Workshop - linking wildlife and human health through a hands-on workshop* (Co- PI with Jamal Shirley (Nunavut Research Institute), Jason Carpenter (Nunavut Arctic College), and Mary Gamberg (Gamberg Consulting); \$77,536).
- 2016/17** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Plastics as a vector of contaminants in Arctic seabirds* (Co-PI with mark Mallory (Acadia University; \$18,678)).
- 2016/17** - Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Learning about ringed seal health from contaminants science and Inuit Qaujimajatuqangit: an educational workshop in Resolute, Nunavut* (Team member with PIs Dominique Henri and Magali Houde; \$11,300).
- 2015/16** – Northern Contaminants Program (Indigenous and Northern Affairs Canada): *Wildlife Contaminants Workshop - linking wildlife and human health through a hands-on workshop* (Co- PI with Jamal Shirley (Nunavut Research Institute), Jason Carpenter (Nunavut Arctic College), and Mary Gamberg (Gamberg Consulting); \$56,329).
- 2015/16** – Northern Contaminants Program: *Mercury and trace metal concentrations, and their effects on health indicators in a northern marine bird* (Co-PI with Grant Gilchrist (Environment and Climate Change Canada); \$11,200).
- 2015 to 2017** – MEOPAR: *Monitoring Marine Plastics in Canada's North* (Co-Pi with Max Liboiron, Sociology & Environmental Science, Memorial University of Newfoundland and others; \$137,600).
- 2014/15** – Northern Contaminants Program: *Wildlife Contaminants Workshop - linking wildlife and human health through a hands-on workshop* (Co- PI with Jamal Shirley (Nunavut Research Institute), Jason Carpenter (Nunavut Arctic College), and Mary Gamberg (Gamberg Consulting); \$29,800).
- 2013/14** – Northern Contaminants Program: *Host-parasite-mercury interactions in a marine bird* (Co-PI with Grant Gilchrist (Environment and Climate Change Canada); \$21,500).
- 2011 and 2013** – Nasivvik Center for Inuit Health and Changing Environments funding for complementary projects: *Marine Bird Dissection Workshop at the Arctic College in Iqaluit* (Co-PI with Grant Gilchrist (Environment and Climate Change Canada); \$15,000 each year).

Ongoing research collaborations:

- 2016 to present** *Evaluating the effectiveness of wildlife research communication in Nunavut communities.* Led by Dr. Dominique Henri (Environment and Climate Change Canada), this project evaluates communication methods and approaches used in Nunavummiut communities to identify which are effective in sharing information, and identify best practices.
- 2016 to present** *Assessing the effects of Lump sucker fisheries on seabirds in the North Atlantic.* Led by Dr. Signe Christensen-Dalsgaard (NINA, Norway). This project aims to pull together fisheries data at the ocean basin scale within a single fishery to estimate how seabirds are affected throughout the flyway.
- 2015 to present** *ARCTOX.* A collaboration of Arctic marine bird scientists, led by Dr. Jerome Fort (La Rochelle University, France), contributing samples to a coordinated pan-Arctic sampling regime that will allow for spatio-temporal comparisons to be made in mercury concentrations.

Invited Presentations:

- 2017** Canadian Wildlife Service Lunch and Learn; Gatineau, Canada.
- 2017** The East Asian Australasian Flyway Partnership Meeting of the Parties 9; Singapore.
- 2017** The Arctic Migratory Birds Initiative implementation in the East Asian Australasian Flyway; Singapore.
- 2016** Arctic Migratory Bird Initiative Implementation Meeting; Texel, the Netherlands.
- 2016** Northern seabird bycatch stakeholders meeting; Iqaluit, Canada.
- 2015** Northern Contaminants Program Results Workshop; Vancouver, Canada

- 2015 Canadian Museum of Nature Lunch Seminar Series: Gatineau, Canada.
- 2015 Canada Science and Technology Museums Corporation Teacher workshop: online event.
- 2013 ArcticNet Annual Science Meeting: Halifax, Canada.
- 2013 Cape Dorset Area Co-management Committee annual meeting: Cape Dorset, Canada.
- 2012 Polar Continental Shelf Program (PCSP) Open House Science Night: Resolute, Canada.
- 2012 Climate Literacy Network weekly teleconferences.
- 2012 University of the Arctic Communication Workshop: Tromsø, Norway.

Experience in International Conference Organisation:

- 2018 *The Arctic Biodiversity Congress*. Conference Organizing Committee; Helsinki, Finland.
- 2017 *Convention on the Conservation of Migratory Species Conference of the Parties 12*. Side event organisation to support two proposed resolutions; Manila, the Philippines.
- 2017 *The Arctic Migratory Birds Initiative implementation in the East Asian Australasian Flyway*. 2017. Workshop organizer; Singapore.
- 2015 *Seabird and Plastics Interactions symposium*. 2nd World Seabird Conference. Symposium coordinator; Cape Town, South Africa.
- 2014 *ArcticNet Student Association and APECS student workshop*. Arctic Change Conference. Student planning committee; Ottawa, Canada.
- 2014 *Education, Outreach and Communications: Are we successfully linking scientific research to education, public policy, and environmental awareness?* Arctic Change Conference. Symposium organiser, Ottawa, Canada.
- 2014 *Arctic Frontiers Annual Conference*. Awards Committee Chair; Tromsø, Norway.
- 2013 *Arctic Science Summit Week*. Early Career Workshop Organizing Committee; Krakow, Poland.
- 2012 *Inuit Studies Conference APECS workshop*. Early Career Panel Organizing Committee; Washington DC, USA.
- 2012 *IPY 2012 – Knowledge to Action*. Area 4 Committee member, session convener, Awards Committee Chair; Montreal, Canada.
- 2012 *Arctic Frontiers Annual Conference*. Awards Committee Chair; Tromsø, Norway.
- 2011 *Shaping the future of Arctic Monitoring Assessment Program: An Association of Polar Early Career Scientists career development workshop*. Organizing Committee; Copenhagen, Denmark.
- 2011 *Arctic Frontiers Annual Conference*. Awards Committee Chair; Tromsø, Norway.
- 2010 *International Polar Year: Oslo Science Conference*. Early Career Awards Committee Chairperson; Oslo, Norway.
- 2010 *World Seabird Conference*. 2010. Local Fundraising Committee Chairperson; Victoria, Canada.

National and International Leadership and Working Group Experience:

- 2017 Carleton University Institute for Ethical Research with Indigenous Peoples.
- 2016 *Iqqaumajauninga* - Creating an Inuit Research Legacy for Inuit Nunanga.
- 2016 Canadian Museum of Nature. Consulting team member for the development of the development of the new Arctic exhibit.
- 2015-2017 Arctic Migratory Bird Initiative (AMBI). AMBI Steering Committee member, co-chair of the Americas Flyway Working Group, and member of the Circumpolar Flyway Working Group.
- 2015-2017 Arctic Monitoring and Assessment Program (AMAP) Effects Assessment.
- 2015 Canadian Network of Ocean Educators (CaNOE) Board.
- 2014-2016 Canadian High Arctic Research Station Management Committee (CHARS).
- 2011-2015 Association of Polar Early Career Scientists (APECS) Executive Committee
- 2012-2015 APECS Canada Board
- 2013 Arctic Monitoring and Assessment Program WG27 Working Group meeting. APECS Representative; Torshavn, Faroe Islands, Denmark.
- 2013 Adaptations Action for a Changing Arctic. 2013. Arctic Monitoring and Assessment Program workshop participant; Saint Petersburg, Russia.

Selected Awards (2011-2017):

- 2016 - 2018** W. Garfield Weston Post-Doctoral Fellowship in Northern Research (Acadia; \$50,000/yr)
2015 - 2016 Canadian Polar Commission Scholarship, Association of Canadian Universities for Northern Studies (Carleton; \$10,000)
2014, 15, 16 Bonnycastle Fellowship in Wetland and Waterfowl Biology, Ducks Unlimited Canada (Carleton; \$17,000/yr)
2013 - 2015 W. Garfield Weston Award for Northern Research, Association of Canadian Universities for Northern Studies (Carleton; \$25,000/yr)
2013, 14 David & Rachel Epstein Foundation Scholarship, Carleton University (Carleton; \$1,000/yr)
2014 Jennifer Robinson Memorial Award, Arctic Institute of North America (Carleton; \$5,000)
2012, 13, 14 Arctic Institute of North America Grants-in-aid program (Carleton; \$1,000/yr)
2012, 14 Wyndham Scholarship for Graduate Students in Biology, Carleton University (Carleton; \$2,173/yr)
2012, 13, 14 Northern Scientific Training Program recipient, Indigenous and Northern Affairs Canada (Carleton; ~\$3,000/yr)
2013, 14 Ontario Graduate Scholarship, Carleton University (Carleton; \$15,000/yr)
2013 Best Inuit Involvement Poster Award, Northern Contaminants Program Annual Results Workshop (Carleton)
2013 Lorraine Allison Memorial Award, Arctic Institute of North America (Carleton; \$3,000)
2013 Donald R. Wiles Prize for Laboratory Instruction, Carleton University (Carleton; \$255)
2013 Best talk at the Ottawa-Carleton Student Northern Research Symposium (Carleton/Ottawa University)
2011 - 2013 Alexander Graham Bell Graduate Scholarship, NSERC (Carleton; \$35,000/yr)

Reviewer experience:

Journal reviewer – *Aquatic Conservation, Arctic Science, Environment International, Environmental Pollution, Environmental Science and Pollution Research, Marine Ecology Progress Series, Marine Pollution Bulletin, Polar Research, Science of the Total Environment*

Proposal reviewer – *North Pacific Research Board, Maine Sea Grant*

Abstract reviewer/session convenor – *World Seabird Conference 2015, Arctic Change Conference 2014, International Polar Year: Knowledge to Action Conference 2012*

Book reviewer – *Marine Anthropogenic Litter*

Outreach and Communication Experience:

2017 - Ocean 'conveyor belt' brings billions of plastic particles into Arctic waters – CBC reports on plastics in the Arctic (<http://www.cbc.ca/news/technology/billions-of-bits-of-plastic-in-arctic-waters-1.4079765>)

2016 - Plastic hurting Canada's loons, ducks and geese – Environmental Health reports on recent findings of plastic and other anthropogenic debris in freshwater birds (<http://www.environmentalhealthnews.org/ehs/news/2016/aug/plastic-hurting-canada2019s-loons-ducks-and-geese>).

2015 - Seabirds are dumping pollution-laden poop back on land – The Smithsonian.com highlights how seabirds are acting as vectors of marine contaminants to return to terrestrial ecosystems, and the impacts they might have in their The Age of Humans: Living in the Anthropocene series (<http://www.smithsonianmag.com/science-nature/seabirds-are-dumping-pollution-laden-poop-back-land-180957288/?no-ist>).

2015 - Research at East Bay Island featured on DU – Duck's Unlimited's magazine, The Conservator, features our work on East Bay Island as part of a series looking at the work done by DU fellowship winners (<http://www.conservator.ca/2015/03/warm-warnings/>).

2014 - Canadian Science Policy Conference – A short video from the Canadian Science Policy conference (<http://sciencepolicy.ca/cspc-2013-jennifer-provencher>).

- 2014** - Guest Post on Science Borealis – During Polar Week 2014 APECS members took over Science Borealis. I wrote a guest post about polar seabirds, Arctic seabirds, canaries of global change (<http://blog.scienceborealis.ca/arctic-seabirds-canaries-of-global-change/>).
- 2012** - On Working with Inuit to Study Eider Ducks – Short video of Jennifer produced by Aboriginal Affairs and Northern Development Canada (AANDC) at the International Polar Year Science meeting in Montreal, Canada (<http://www.youtube.com/watch?v=YaeJwefhaSU>).
- 2011** - Plenty of plastics in Canada's Arctic birds – An article written by Margaret Munro featuring Jennifer and her work done on assessing plastics in northern marine birds (<http://margaretmunro.wordpress.com/2012/07/03/plenty-of-plastics-in-canadas-arctic-birds/>).