William Alan Montevecchi

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*Email*: *mont@mun.ca**, Tel*: *1-709-864-7673, Cell*: *1-709-693-5305*

Position – John Lewis Paton Distinguished University Professor

 Memorial Universityof Newfoundland

Research – seabird behavioral ecology; marine food webs; fishery x seabird interactions; responses to environmental change; conservation biology; environmental risk assessment.

Funding – NSERC, CWS, WWF, DFO, USFWS (career total = $7.5M)

Awards – Pacific Seabird Group Lifetime Achievement Award (2021); Stanford University

 Ranking in top 2% of World’s Marine Biologists (2020); Canadian Society of

Ornithologists’ Jamie Smith Mentoring Award (2020); John Lewis Paton

 Distinguished University Professor (2018); Canadian Partners in Research -

 2016 - Science Ambassador Award; University Research Professor (2005)

Publications - Total publications = 401 (234 peer-reviewed, 6 submitted, 14 peer-reviewed book chapters, 5 edited peer-reviewed volumes; 11 media productions, 4 books-monographs, 127 non-refereed)

Examples:

 - Montevecchi et al 2020 Ocean heatwave induces colony desertion and breeding failures at the Northern Gannets’ southern breeding limit. *Marine Ornithology*: in press

- Duda et al 2020 Striking millennial-scale changes in the population size of a threatened seabird. *Proceedings of the Royal Society B: Biological Sciences*, dx.doi.org/10.1098/rspb.2019.2234

- Gulka et al 2020 Inter-colony foraging dynamics relate to prey availability in a pursuit-diving seabird *Marine Ecology Progress Series*: 651: 183–198 <https://doi.org/10.3354/meps13463>

-Stenhouse et al 2020. Assessing spatial use by three diving bird species on the U.S. Atlantic Outer Continental Shelf: Exposure to offshore wind energy areas. *Diversity and Distribution*: DOI: 10.1111/ddi.13168**2019**

-Montevecchi et al 2019 Pursuit-diving seabird endures regime shift involving a three decadal decline of forage fish abundance and condition. *Marine Ecology Progress Series* 627:171–178. doi.org/10.3354/meps13094

-Buren et al 2020 The collapse and continued low productivity of a keystone forage fish species. *Marine Ecology Progress Series* 616: 155-170. https://doi.org/10.3354/meps12924

- Burke & Montevecchi 2018 Taking the bite out of winter: Common Murres push their dive limits to surmount energy constraints. *Frontiers in Marine Science* 5:63. DOI: https://doi.org/10.3389/fmars.2018.00063

- Rouxel & Montevecchi 2018 Gear sustainability assessment of the Newfoundland inshore northern cod fishery, Ocean & Coastal Management. DOI: https://doi.org/10.1016/j.ocecoaman.2018.05.018

- Montevecchi et al 2012. Tracking seabirds to identify ecologically important and high-risk marine areas. *Biological Conservation* 156: 62–71. DOI: dx.doi.org/10.1016/j.biocon.2011.12.001

-Montevecchi et al 2011 Tracking long-distance migration to assess marine pollution impact. *Biology Letters* 8: 218-221 DOI: dx.doi.org/10.1098/rsbl.2011.0880

Reviewer/Editorial Activity – Grant/Faculty/Thesis – NSERC, NSF, Polish, Icelandic and Norwegian Science Councils, Nelson Canada, York U, Mt Alison U, Deakin U, Nelson Mandella U, Central Queensland U, UBC Press, Nelson Canada; Served on the Editorial Boards of *Journal of Applied Ecology,* *Marine Ornithology* andN*ortheastern Naturalist.* Declined invitations to serve on the Editorial Boards of *ICES Journal of Marine Science*, *Marine Ecology Progress Series* and *Canadian Journal of Zoology*. Review many papers each month; journals include *Arctic*, *Behavioral Ecology and Sociobiology*, *Biology Letters, Fisheries Research, Canadian Journal of Avian Biology, Journal of Fisheries and Aquatic Sciences*, *Ecology Letters, Ecology*, *Ibis*, *ICES Journal of Marine Sciences, Journal of Applied Ecology, Journal of Avian Biology*, Journal *of Field Ornithology, Journal of Zoology* (*London*), *Marine Ecology Progress* *Series, Marine Ornithology*, *Nature, Science, PLoS ONE, Polar Biology, Proceedings of the Royal Society [London], Marine Pollution Bulletin, Fish and Fisheries*

Media Productions –

-Markham & Montevecchi 2018 Website - Funk Island – A Marvelous Terrible Place. <http://www.funkisland.ca/videos/>

-Montevecchi 2014 Ocean Conservancy – The Aquatic Blog [[http://blog.oceanconservancy.org/2014/01/09/interview-dr-bill-monteve](https://webmail.mun.ca/util/go.php?url=http%3A%2F%2Fblog.oceanconservancy.org%2F2014%2F01%2F09%2Finterview-dr-bill-monteve&Horde=ee03cbf8c3a03f6bf5d55f6a7c2bd810)cchi-on-oil-and-dispersant-effects-on-birds-wintering-in-the-gulf-of-mexico/]

Mentoring – Supervision/Co-supervision – 3 Post-doctoral fellows, 9 PhDs, 33 MScs; 15 Honours; Current lab = 1 PhD, 4 MScs

Outreach – Regular conference/keynote and scientific media presenter, e.g. CPAWS NL AGM [06/2020]; Tags for the NL Turr Hunt <https://16573.mc.tritondigital.com/CBC_THEBROADCAST_P/media-session/4cd481f4-bbba-4b47-bb27-f49099a7bb02/thebroadcast-WSoouh87-20201007.mp3>

Impact Metrics – Google Scholar h-index = 63, i10-index = 182, 11,964 citations