Alex Borowicz  
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# EDUCATION Stony Brook University, Stony Brook, NY Ph.D. Ecology & Evolution Expected 2020 *Advisor: Dr. Heather Lynch & Dr. Lesley Thorne* College of the Atlantic, Bar Harbor, ME B.A. Human Ecology March 2014

# RESEARCH EXPERIENCE

SPACEWHALE project, BioConsult SH 2018

Antarctic Site Inventory 2015-Present

New York Offshore Ecosystem Survey 2018-Present

Danger Islands Expedition, Antarctic Peninsula 2015  
 Soundwatch Program, The Whale Museum  2015  
NOAA Research Permit 16160 *Co-Investigator, Vessel Captain*California Cooperative Oceanic Fisheries Investigations 2014  
*Oceanographic Technician*Mingan Island Cetacean Study 2014-2017  
*Research Technician*  
College of the Atlantic, Allied Whale 2011-2014  
 *Research Assistant*

**TEACHING EXPERIENCE**

**Teaching Assistant** Fundamentals of Biology: Organisms to Ecosystems 2015-2016  
 *Stony Brook University, Department of Undergraduate Biology*

# OTHER PROFESSIONAL EXPERIENCE

Seabourn Cruise Line2013 – 2015   
 *Lecturer, Antarctic Expedition Guide*Whales and Nails 2014 *Skeleton Articulation Technician*M/V Osprey2011 – 2013   
 *Deckhand/Mate* Wild Spirit Wolf Sanctuary2009 – 2011   
 *Animal Care Specialist*

# PUBLICATIONS AND POSTERS

Hernández, M.M., S. Copello, **A. Borowicz**, J.P. Seco Pon. New records and distribution extension of the Spectacled Petrel (*Procellaria conspicillata*) off the Argentine Continental Shelf and adjacent oceanic waters. *Brazil J Ornithol. In Press.*

**Borowicz, A.**, H. Le, G. Humphries, G. Nehls, C. Höschle, V. Kosarev, H. Lynch. Deep learning networks for cetacean surveys from satellite imagery. *In Review*.

**Borowicz, A.**, P. McDowall, C. Youngflesh, T. Sayre-McCord, G. Clucas, R. Herman, S. Forrest, M. Rider, M. Schwaller, T. Hart, S. Jenouvrier, M. J. Polito, H. Singh, and H. J. Lynch. 2018. “Multi-modal survey of Adélie penguin mega-colonies reveals the Danger Islands as a seabird hotspot.” *Scientific Reports* **8**: 3926.

**Borowicz, A**., R. Herman P. Mcdowall, C. Youngflesh, T. Sayre-McCord, G. Clucas, S. Forrest, M. Rider, M. Schwaller, T. Hart, S. Jenouvrier, M. Polito, H. Singh, and H. J. Lynch. 2018. Multi-modal survey of the Danger Islands reveals mega-colonies. Poster presented at the Scientific Committee for Antarctic Research.

**Borowicz, A.**, T. Lubansky, C.J. Tremblay, and S.K. Todd. 2014. “Population expansion at a seasonally varied grey   
 seal (*Halichoerus grypus*) colony on Mount Desert Rock in the Gulf of Maine.” SERC Research Symposium.

# INVITED TALKS AND LECTURES

The Explorers Club Next Generation Explorers Network Speaker Series, March 2019, New York, NY.

Stony Brook University, March 2019, Port Jefferson, NY.

The Explorers Club Salt Spring Symposium, Sept. 2018, Salt Spring Island, BC.

R/V *Akademik Ioffe*, OneOcean Expeditions, Winters 2015-16, 2017-18, 2018-19.

Explorers Club Salt Spring Symposium, Sept. 2016, Salt Spring Island, BC.

Three Village Travel Club, June 2016, Stony Brook, NY.

**PROFESSIONAL PRESENTATIONS**

**HACKATHONS AND NON-TRADITIONAL MEETINGS**

XSEDE16 – Polar HPC Hackathon. Invited project and participant. July 2016, Miami, FL.

**AWARDS, GRANTS, AND DISTINCTIONS**

PhD Works Award for Career Exploration, 2019

Digital Globe Foundation Imagery Grant, 2018

Elected Fellow of The Explorers Club, 2018

Institute for Advanced Computational Science Young Writer’s Award, 2018

National Science Foundation Graduate Research Fellowship, 2016

Institute for Advanced Computational Science New Recruit Fellowship, Stony Brook University, 2015

# UNDERGRADUATE STUDENTS MENTORED

Emily Enzinger, BA (Stony Brook University)

Nicole Cassale, BS (Stony Brook University)

Yanbing Gu, BS (StonyBrook University

**MEDIA EXPOSURE**

Publications featured in the New York Times, BBC News, Boston Globe, Vox, Discover Magazine and others.

# PROFESSIONAL MEMBERSHIPS

* Animal Behavior Society
* Society for Marine Mammalogy
* Citizen Science Association
* The Explorers Club