

Sarah Pease

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EDUCATION

Master of Science: Marine Sciences, Aquatic Health Sciences

Expected 2016

Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, Virginia; USA

- Co-advised by Drs. Kimberly Reece and Wolfgang Vogelbein
- **Virginia Sea Grant Graduate Research Fellow, 2014-2016**

Bachelor of Science: Major in Biology, Minor in Environment

2011

McGill University, Montréal, Québec; Canada

- **Panamá Field Studies Semester, 2010:** Field courses and an internship with the Smithsonian Tropical Research Institute
 - **Independent Research Project, 2010-2011:** Advised by Dr. Andrew Hendry, Natural Selection and Female Choice on Evolutionary Traits in the Trinidadian Guppy (*Poecilia reticulata*)
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AWARDS AND DISTINCTIONS

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| • Virginia Sea Grant Graduate Research Fellowship | 2014-2016 |
| • National Shellfisheries Association Student Travel Award | 2015 |
| • VIMS Office of Academic Studies Student Travel Grant | 2015 |
| • VIMS Graduate Student Association Student Conference Fund Award | 2015 |
| • Grey Alison & H. Renwick Dunlap Fellowship | 2014 |
| • Honorable Mention, NSF Graduate Research Fellowship | 2013 |
| • Dean's Multidisciplinary Undergraduate Research List, McGill University | 2011 |
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PRESENTATIONS

Pease SK, WK Vogelbein, KS Reece. Assessing risk associated with the harmful algal bloom species *Alexandrium monilatum* to the Virginia oyster industry. **Poster Presentation:** 107th Annual Meeting of the National Shellfisheries Association. 22-26 March, 2015. Monterey, CA.

Pease SK. Harmful algal blooms, shellfish, and people. **Oral presentation:** 6th Annual Virginia Sea Grant Symposium. 29 Jan., 2015. Richmond, Virginia.

MEMBERSHIPS

National Shellfisheries Association

2015 to present

Student Member

Mini Grant Review Panel

2013

Graduate Student Association, Virginia Institute of Marine Sciences, College of William & Mary, Gloucester Point, Virginia; USA

Honor Council

2013 to present

Virginia Institute of Marine Sciences, College of William & Mary, Gloucester Point, Virginia; USA

RELEVANT EXPERIENCE

Piping Plover & Upland Sandpiper Monitor

2013

NH Fish & Game Department, Concord, New Hampshire; USA

Seasonal Naturalist

2013

Seacoast Science Center, Rye, New Hampshire; USA

Clean Lakes Program Intern

2011-2012

NH Department of Environmental Services, Concord, New Hampshire; USA

Research Technician: Aquaculture, Mussels and Nutrients

2010

McGill Biology Department, Institut Maurice-Lamontagne, Mont-Joli, Québec; Canada and Îles de la Madeleine, Québec; Canada

RELEVANT EXPERIENCE continued

Smithsonian Tropical Research Institute Intern

2010

Smithsonian Tropical Research Institute, Punta Galeta Marine Laboratory, Punta Galeta; Panamá

Laboratory Research Assistant: *Adaptive Plasticity of Invasive Species*

2009

Redpath Museum, McGill University, Montréal, Québec; Canada

Shellfish Program Intern

2008-2009

NH Department of Environmental Services, Portsmouth, New Hampshire; USA

CERTIFICATION AND ADDITIONAL TRAINING

First Aid CPR AED

September 9, 2013

American Heart Association, Virginia Institute of Marine Sciences, Gloucester Point, Virginia; USA

PADI Open Water Diver

February 20, 2010

Scuba Coiba, Santa Catalina; Panamá

NH Safe Boating Certificate *NASBLA Approved Course

September 2, 2008

NH Department of Safety, Concord, New Hampshire; USA

Marine Environmental Science Course

July-August, 2006

Cornell University, Shoals Marine Laboratory, Appledore Island, Maine; USA

- Scholarship from Alumni and Friends of Shoals Marine Lab
- Research project, "Covering Behavior of Green Sea Urchins"

SKILLS

- **Field:** various terrestrial and aquatic sampling techniques, SCUBA, transects, telemetry, population studies
- **Lab:** DNA extraction (water and sediment), qPCR, histology, microscopy, benchtop chemical analysis, digestions, fluorometry, culturing and husbandry of research organisms (fingerling striped bass, guppies, blue mussels, artemia, amphipods, unicellular algae)
- Construction, maintenance, and preparation of lab and field materials and equipment
- Implementation of QA/QC procedures and sterile technique
- Data entry and statistical data analysis
- Preparation of lab reports, scientific papers, grant proposals, oral presentations, public outreach material
- Proficient in Microsoft Excel, Word, Outlook, PowerPoint
- Experience with R, SAS, ArcMAP
- Conversant in Spanish and basic French

VOLUNTEER EXPERIENCE

Marine Science Day Volunteer

2014-2015

Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, Virginia; USA

Graduate Student Association Silent Auction Coordinator

2013

Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, Virginia; USA

Seacoast Science Center Volunteer

2012

Seacoast Science Center, Rye, New Hampshire; USA

Opera Outreach Performer

2004-2009

The Bell Center, Dover, New Hampshire; USA