

Kate J. McClure

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Marine Science Center, Northeastern University
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EDUCATION:

2009 - Present Northeastern University Marine Science Center, Nahant, MA
Ph.D. Candidate in Evolution, Ecology and Marine Biology

2005 - 2009 The College of William & Mary, Williamsburg, VA
B.S., Major in Biology, Minor in Geology
magna cum laude with High Departmental Honors

RESEARCH EXPERIENCE:

2009 - Present Ph.D. Dissertation Research, Northeastern University Marine Science Center,
Advisor: Geoffrey C. Trussell
Thesis title: *Geographic variation in species interactions: consequences for communities and individuals*

2008 - 2009 Undergraduate Honors Thesis Research, College of William & Mary
Department of Geology, Advisor: Rowan Lockwood
Thesis title: *Phylogenetic relationships and morphological changes in Venericardia on the U.S. Gulf Coastal Plain during the Paleogene*

2007 Marine Geobiology Research Experience for Undergraduates (REU) Intern,
University of Southern California Department of Biological Sciences, PI:
Wiebke Ziebis

2005 - 2006 Research Assistant, College of William & Mary Department of Chemistry, PI:
David Kranbuehl

PUBLICATIONS:

McClure, K.J. and R. Lockwood. "Relationships among Venericardia (Bivalvia: Carditidae) on the U.S. Gulf Coastal Plain during the Paleogene." Accepted with revision by Journal of Paleontology.

Kate J. McClure 3/11/2015

ACADEMIC HONORS AND AWARDS:

National Science Foundation Graduate Research Fellowship, 2011

National Science Foundation Graduate Research Fellowship Honorable Mentions, 2010

University Excellence Fellowship from the Northeastern University Office of the Provost, 2009 – 2014

College of William & Mary Dean's List, Spring 2006 – Fall 2008

Geological Society of America Southeastern Section Student Travel Grant (\$137), 2009

Student Conference Travel Award from the College of William & Mary's Undergraduate Science Education and Research Program, funded by the Howard Hughes Medical Institute (HHMI) Undergraduate Biological Sciences Education Program (\$400), 2009

College of William & Mary Student Activities Travel Grant (\$150), 2009

Chappell Fellowship (summer research funding from the College of William & Mary Charles Center), 2008

Freshman Research Fellowship from the College of William & Mary Undergraduate Science Education and Research Program, funded by the Howard Hughes Medical Institute (HHMI) Undergraduate Education Program, 2005

PRESENTATIONS:

McClure, K.J. and G.C. Trussell. 2015. "Geographic variation in the effects of algal canopy on understory species interactions," *Benthic Ecology Meeting*, Quebec City.

Lockwood, R., D.J. Reed, and **K.J. McClure**. 2011. "Effects of Paleogene climate change on morphospace and morphological disparity of venericard bivalves." *Geological Society of America*, Minneapolis, MN.

McClure, K.J., R. Lockwood, and K.A. Ohman. 2009. "Phylogenetic relationships and morphological changes in *Venericardia* (Bivalvia: Carditidae) on the Gulf Coastal Plain during the Paleogene," *Geological Society of America Southeastern Section*, Tampa, FL.

Lockwood, R., E.E. Fenlon, **K.J. McClure**, and K.A. Ohman. 2009. "Connections between Paleogene climate change and evolution; venericard bivalves from the U.S. Gulf Coastal Plain." *Geological Society of America*, Portland, OR.

TEACHING EXPERIENCE:

Workshop Instructor, Museum of Science Overnights Program, 2010 – Present

Teaching Assistant for Ecology, Principles of Biology (majors), and General Biology I & II (non-majors), Northeastern University Biology Department, 2009 – 2013

Oceanography Assistant Instructor, Johns Hopkins University Center for Talented Youth, June – Aug. 2009

WORKSHOPS & SHORT COURSES:

ComSciCon-14 – National workshop on science communication for graduate students, June 2014

Introduction to Outreach, SciFund Challenge, May 2013

Pathways to Dissertation Project/Concept Mapping Workshop – hosted by the NU Marine Science Center and the Centers for Ocean Sciences Education Excellence - Ocean Systems (COSEE-OS), April 25 2012

SERVICE & VOLUNTEER ACTIVITIES:

ComSciCon-15 Program Organizing Committee Member (Cambridge, MA), Nov. 2014 – present

LiveBlue Service Corps Leader, New England Aquarium (Boston, MA), April 2014 – present

Blue Lobster Bowl (Massachusetts regional competition of the National Ocean Sciences Bowl) Official (Cambridge, MA), 2015 (Head Science Grader), 2012 – 2014 (Science Judge)

Mentor, Chelsea High School Blue Lobster Bowl team (Chelsea, MA), Nov. 2014 – Feb. 2015

Workshop Presenter, Northshore High School Marine Science Symposium (Salem, MA), 2014 & 2015

Volunteer Science Tutor, Girls Inc. of Lynn (Lynn, MA), Jan. – June 2012

Suit/Cabot Teaching Laboratory Volunteer, Museum of Science (Boston, MA), May – Aug. 2010

College Partnership for Kids Program Director and volunteer tutor, College of William & Mary Office of Student Volunteers (Williamsburg, VA), 2007-2009

NOAA Ecosystems Survey Branch, Autumn Bottom Trawl Survey Volunteer (Woods Hole, MA), Sept. 2008

PROFESSIONAL MEMBERSHIP:

Ecological Society of America; Association of Women in Science