

Amy E. Maas

▪ Woods Hole Oceanographic Institution ▪ 266 Woods Hole Rd ▪ Redfield 1-32 (MS #34) ▪ Woods Hole, MA 02543
▪ 508-289-3691 (office) ▪ 330-697-3695 (cell) ▪ amaas@whoi.edu

CURRENT APPOINTMENT

2011 WHOI Postdoctoral Scholar

EDUCATION

University of Rhode Island

Fall 2006-Summer 2011

Ph.D completed August 2011

Dissertation: "Ecological physiology of pteropods in relation to climate change"

Hiram College, Ohio

Fall 2002-May, 2005

B.A. Biology with Honors

Magna Cum Laude, Alpha Society, Phi Beta Kappa

MANUSCRIPTS

A.E. Maas, L.E. Elder, H. Dierssen, B.A. Seibel. (In press). "The metabolic response of Antarctic pteropods (Mollusca: Gastropoda) to regional productivity: implications for biogeochemical cycles". *Mar. Ecol. Prog. Ser.*

A.E. Maas, K.F. Wishner, B.A. Seibel. (In Prep). "The metabolic response of pteropods to ocean acidification reflects natural CO₂-exposure in oxygen minimum zones". *Biogeosciences*.

B.A. Seibel, A.E. Maas, H. Dierssen. (Submitted). "Ocean acidification induces metabolic suppression equivalent to long-term starvation in an aragonitic pteropod, *Limacina helicina antarctica*". *PLoS One*.

FELLOWSHIPS AND GRANTS

Access to the Sea Grant 2011

URI Biology Department Grant 2011

URI Deans Grant 2011

Rhode Island Graduate Student Research Grant 2008, 2009, 2010

EPSCoR Fellowship (Stipend, Fees, Tuition for Fall, Spring, and Summer '08-'09)

RESEARCH EXPERIENCE

January, 2007 – August 2009

University of Rhode Island

Kingston, RI

Biology Research Assistant for Brad Seibel

20-40 hours per week

Contact: Dr. Brad Seibel

Seibel@uri.edu

- Assistance with organism collection and lab work at McMurdo Station in Antarctica, the Gulf of California, and the Eastern Tropical Pacific.
- Ordering, shipping, and organizing the aforementioned field season and cruises.
- Conduction of ammonia assays, protein assays, respiration chamber experiments, and enzyme assays, collection of Dissolve Inorganic Carbon measurements and deployment of equipment.
- Splitting, sorting, identifying, and enumerating micronekton samples.

October, 2005– July, 2006

NEOUCOM

Rootstown, OH

Biology Research Technician for Hans Thewissen

Part, then Full Time, 40 hours per week

Contact: Dr. Hans Thewissen

Thewisse@neoucom.edu

- Paleontological work including fossil preparation, cast creation, and skeletal preservation.
- Developmental work consisting of microtomy, immunohistochemistry and microscope photography.
- Secretarial work such as organization of reprints, ordering and book editing.

December 2004

Smithsonian Mammals Dept.

Washington, DC

NMNH Intern

Full Time, 40 hours per week

Contact: David Schmidt

- Familiarization with the cataloging system through labeling, identifying, organizing, moving and input of specimen into the collection.
- Archival preservation, packaging specimens for shipment to researchers, and reorganization of misplaced materials.

Amy E. Maas

▪ Woods Hole Oceanographic Institution ▪ 266 Woods Hole Rd ▪ Redfield 1-32 (MS #34) ▪ Woods Hole, MA 02543
▪ 508-289-3691 (office) ▪ 330-697-3695 (cell) ▪ amaas@whoi.edu

PRESENTATIONS

March 2011	International Zooplankton Production Symposium – Pucon, Chile	poster
January 2010	ASLO - Portland, OR	presentation & poster
July 2010	Roger Williams Zoo - Providence, RI	presentation
October 2009, 2010	URI 101 Class - Kingston, RI	invited lecture
March 2009	URI Graduate Conference - Kingston, RI	invited lecture
January 2008	ASLO - Orlando, FL	poster
October 2007	Ocean Acidification Research Workshop - La Jolla, CA	poster
May 2005	Evolution of Aquatic Tetrapods Conference - Akron, OH	poster

TEACHING EXPERIENCE

Adjunct Professor	WMS 220 (Women & Natural Science)
January 2011-present – University of Rhode Island	
Teaching Coordinator/Assistant	BIO 120 (Anatomy)
January 2011-present – University of Rhode Island	
Teaching Assistant	BIO 365 (Marine Biology)
September, 2006 – December, 2006 – University of Rhode Island	
Teaching Assistant	BIO 142 (Botany)
January 2003-May 2004 – Hiram College	

FIELD EXPERIENCE

R/V Wecoma, **Newport, Oregon**. 2011
R/V Oceanus, **Northwest Atlantic**. 2011
R/V Knorr, **Eastern Tropical Pacific**. 2008
R/V Seward Johnson, **Eastern Tropical Pacific**. 2007
R/V New Horizon, **Gulf of California, Mexico**. 2007
Expedition B-069, **Antarctica**. 2007, 2008

SKILLS

- Open Water, Advanced Open Water, NITROX, Dry-Suit, Rescue Diver and URI Research SCUBA certification.
- First Aid, CPR, and Rescue Oxygen certification

PROFESSIONAL SOCIETIES

American Society of Limnology and Oceanography
Sigma Xi
Phi Beta Kappa

Amy E. Maas

▪ Woods Hole Oceanographic Institution ▪ 266 Woods Hole Rd ▪ Redfield 1-32 (MS #34) ▪ Woods Hole, MA 02543
▪ 508-289-3691 (office) ▪ 330-697-3695 (cell) ▪ amaas@whoi.edu

REFERENCES:

Dr. Gareth Lawson
Woods Hole Oceanographic Institution
266 Woods Hole Rd
Redfield 1-32 (MS #34)
Woods Hole, MA 02543
Phone: ()
e-mail: glawson@whio.edu

Dr. Brad Seibel
Biological Sciences, University of Rhode Island
120 Flagg Road
Kingston RI 02886 USA
Phone: (401) 874-7997
e-mail: seibel@uri.edu

Dr. Karen Wishner
Graduate School of Oceanography, University of Rhode Island
Aquarium Annex Rm 113
Narragansett, RI 02879
Phone: (401) 874-6402
e-mail: kwishner@gso.uri.edu

Dr. Patrick J. Walsh
Department of Biology, University of Ottawa
30 Marie Curie
Ottawa, ON K1N 6N5 Canada
phone: (613) 562-5800 x6328
email: pwalsh@uottawa.ca

Dr. Kendra Daly
College of Marine Science, University of South Florida
140 Seventh Avenue South,
St. Petersburg, FL 33701 USA
Phone: (727) 553-1041
e-mail: kdaly@marine.usf.edu