

STEFANIE MACK

Center for Coastal Physical Oceanography | 4111 Monarch Way, 3rd Floor, Norfolk, VA 23507 | 724-584-0127 | mack@ccpo.odu.edu

EDUCATION

Old Dominion University, Norfolk, VA

Doctoral Student

2010-present

Physical Oceanography

GPA: 3.96/4.0

Westminster College, New Wilmington, PA

B.S. in Physics, magna cum laude

2010

Minor: Mathematics

PRESENTATIONS

Mack, S., L. Padman, S. Springer, M. Dinniman, J. Klinck, Sea ice variability in the Ross Sea forced by tides: Satellite observations and modeling, poster presentation, AMS Polar Meteorology and Oceanography, Seattle, WA, April 29 – May 1, 2013

Best Student Poster award; Dorothy Brown-Smith departmental travel award received.

Mack, S., L. Padman, S. Springer, M. Dinniman, J. Klinck, Sea ice variability in the Ross Sea forced by tides: Satellite observations and modeling, poster presentation, Polar Marine Science Gordon Research Conference & Seminar, Ventura, CA, March 9-15, 2013

Student travel grant provided by the DOE.

Mack, S., Tides and sea ice in the Ross Sea: Investigations using satellite data and models, invited presentation, CCPO seminar series, ODU, Norfolk, VA, February 18, 2013

Mack, S., S. Springer, M. Dinniman, L. Padman, J. Klinck, Diurnal tidal effects on sea ice concentration in the Ross Sea from AMSR-E satellite data and a regional ocean model, oral presentation, SCAR, Portland, OR, July 16-19, 2012

Mack, S., J.M. Klinck, and L. Padman, Observing a diurnal tidal effect on sea ice concentration in the Ross Sea using AMSR-E satellite data, poster presentation, 2012 Ocean Sciences Meeting, Salt Lake City, UT, February 20-24, 2012

PUBLICATIONS

Mack, S., L. Padman, J. Klinck, Extracting tidal variability of sea ice concentration from AMSR-E passive microwave single-swath data: A case study of the Ross Sea, *Geophys. Res. Lett.*, in press.

PROFESSIONAL EXPERIENCE

Old Dominion University, Norfolk, VA

Graduate Research Assistant

August 2010 – present

Advisor: John Klinck

College of William and Mary

REU student

Summer 2009

Advisor: Silvina Pagola

University of Michigan

REU student

Summer 2008

Advisor: Fred Becchetti

EXTRACURRICULAR ACTIVITIES

Blue Crab Bowl (National Ocean Sciences Bowl) Volunteer	2011, 2013
Graduate Student Org. Vice President, Dept. of Ocean, Earth, and Atmospheric Sciences	2011-2012
ResClim sea ice summer school participant, UNIS, Svalbard	Summer 2011

MEMBERSHIPS

Association of Women in Science	2012-present
American Meteorological Society	2012-present
Golden Key International Honour Society	2012-present
Association of Polar Early Career Scientists (APECS)	2011-present
American Geophysical Society	2011-present
Sigma Pi Sigma	