**ANN ELIZABETH MOREY (ROSS)**

*PhD Candidate in the* ***Geology and Geophysics*** *discipline*

*within the Ocean, Earth and Atmospheric Sciences Program (OEAS)*

*College of Earth, Ocean and Atmospheric Sciences (CEOAS)*

*Oregon State University, Corvallis, OR*

[morey@coas.oregonstate.edu](mailto:morey@coas.oregonstate.edu)*; 541-760-9349*

RESEARCH INTERESTS

I like playing with mud.

EDUCATION

PhD Candidate, OEAS Program, CEOAS, Oregon State University, 2013 – present

M.S., Marine Geology, Oregon State University, 2003

B.S., Geology, University of Minnesota, Minneapolis, 1985

# RESEARCH POSITIONS

**Senior Faculty Research Assistant II**, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 2016-present. PI: Dr. Joseph Stoner.

**Senior Faculty Research Assistant I**, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 2014-2016. PI: Dr. Joseph Stoner.

**Senior Faculty Research Assistant I**, Ocean Observation Initiative, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, Aug-Nov 2014. PI: Dr. Ed Dever.

**Senior Faculty Research Assistant I**, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 2003-2014. PI: Dr. Chris Goldfinger.

**Graduate Research Assistant,** Marine Geology, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 2000-2003. Advisor: Dr. Alan C. Mix.

**Senior Faculty Research Assistant I**, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 1995-2000. PI: Dr. Alan C. Mix.

**Faculty Research Assistant**, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR, 1989-1995. PI: Dr. Alan C. Mix.

**Curatorial Assistant**, Los Angeles Museum of Natural History, Los Angeles, CA, 1986-1989. Assisting Dr. Samuel A. Macleod.

# VISITING RESEARCHER AT OTHER INSTITUTIONS

La Brea Tar Pits, Los Angeles Museum of Natural History, Paleontologist/excavator, Los Angeles, CA, 1986.

University of Bern, Switzerland. Visiting Student Scientist; Invited to spend a few days after the Swiss Summer School to explore statistical methods relevant to multivariate community ecology datasets. 1999.

Visiting Scientist; laboratory preparation (on gas line) of radiocarbon samples for AMS analysis, UC-Irvine, Irvine, CA; 4 separate visits between ~2005-2012.

# PRIMARY FIELDS OF SPECIALIZATION

Lake and Marine Sedimentology

Stratigraphic Correlation

Multivariate statistics of complex datasets

Radiocarbon sampling and processing for age control

Bayesian analysis of probability distributions (esp. radiocarbon ages)

Development of event sequence chronologies

Taxonomy and biogeography of planktonic foraminifera (Pliocene-modern)

# SECONDARY FIELDS OF SPECIALIZATION

Bayesian analysis of probability distributions (esp. radiocarbon ages)

Disturbance Ecology

Paleoseismology

Paleontology/Paleoecology

# PROFESSIONAL ACTIVITIES

v

* Professional Meetings, Symposia, and Conferences***.***

1992, 2000, 2011, 2012, 2013, 2014, 2015

American Geophysical Union Fall Meeting, San Francisco. Presenter (posters; since 2000 presentations were related to personal research).

1999 Swiss Climate Summer School: participated in this first international summer program

for students working in climate studies, including paleoceanography. Switzerland. Presented poster and participated in this summer school.

2010 USGS sponsored workshop evaluating the marine turbidite record for use in National Earthquake Hazards Maps, Corvallis, OR; participant.

2012 GEOPRISMS Workshop, Portland, OR, April, 2012; participant.

2012 Workshop evaluating data and inputs to be used to update the National Seismic Hazards Map for the Pacific Northwest, Seattle, WA, March, 2012; participant.

2014 Seismological Society of America Annual Meeting, Anchorage, AK; April/May 2014.

2014 5th IGCP (International Geoscience Programme) 588; One-week Field Trip Conference (Co-sponsored by The Seismological Society of America); May 2014. Topic: Seismic and Non-seismic Influences on Coastal Change in Alaska. Participant/presenter.

2015, 2014

Geological Society of America Annual Meeting

* Major Seagoing Expeditions *or* Field Research

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Research Vessel** | **Project** | **Status** |
| April 1995 | RV Ewing | US West Coast margin coring;  paleoclimate | Participant |
| Feb 1997  May 2007  Sept 2009 | RV Revelle  RV Revelle  RV Thompson | Peru/Chile paleoclimate coring  Sumatra paleoseismology coring  US West Coast margin coring;  Paleoseismology | Participant  Shift Manager; core processing  Shift Manager; core processing |
| June 2010  June 2013  June 2014  Sept 2015 | Rafts  Canoes/Rafts  Canoes/Rafts  Kullenberg platform | Lake sediment cores for fire history  study and cores to explore lake  paleoseismology;  invited to collaborate (Dr. Briles)  Squaw Lakes sediment coring  Squaw Lakes sediment coring  Squaw Lakes sediment coring | Collaborator  Lead (PhD)  Lead (PhD)  Lead (PhD) |

# SERVICE

* University Service.

Participated on the Faculty Senate at Oregon State University to assess representation of Research Assistants on the Faculty Senate; ~1996.

* Professional Societies

American Geophysical Union 1992 – present (with gaps)

Seismological Society of America various

Geological Society of America 2010 – present

* Committees, Commissions and Boards.

Fall 2015-present: President’s Council on the Status of Women, at Oregon State University. Currently on mentoring committee.

Research Advisory Council to the Dean of CEOAS; various years.

Student Advisory Council to the Dean of CEOAS; 2000-2002

# HONORS, AWARDS AND DISTINCTIONS*.*

1999 Warren W. Denner Memorial Graduate Fellowship

**2012 Outstanding Research Assistant of the Year Award. Nominated by Dr. Chris Goldfinger.**

2015 Glassman fund for sedimentary geology, $1000, Spring 2015.

2015 Kerry Kelts Limnogeology Award, $1000, October 2015.

2016 **Kirk Bryan Award, Geological Society of America.** Awarded for coauthorship

contributions to USGS Professional Paper 1661-F (2012).

2016 Geological Society of America Student Research Grant, $1836.