

# Spring 2018 Geological Sciences Seminars

ALL SEMINARS ARE PRESENTED AT 3:30 P.M. ON THURSDAYS  
IN 100 WILLIAMSON HALL UNLESS OTHERWISE NOTED



January 11 ..... ***"Linking Microbial Ecology with Biomarkers in Florida Wetlands"***  
THURS: 3:30PM **Dr. Elise S. Morrison**, Postdoctoral Research Associate  
Department of Geological Sciences  
University of Florida

January 18 ..... ***"Rivers Above and Below Ground:  
Secret Passages of the Earth and the Greatness of Cities"***  
THURS: 3:30PM **Dr. James W. Jawitz**, Associate Chair and Professor  
Soil and Water Sciences Department  
University of Florida

NOTE DAY CHANGE

January 23 ..... ***"Earth's Unique Continental Crust – Formation and Evolution"***  
TUES: 3:30PM **Dr. Ming Tang**, Postdoctoral Associate  
Department of Earth Science  
Rice University  
Houston, Texas

January 25 ..... ***"A Tale of Two Earths"***  
THURS: 3:30PM **Dr. Patrick Boehnke**, TC Chamberlin Fellow  
Department of the Geophysical Sciences  
University of Chicago  
Chicago, Illinois

February 1 ..... ***"Rethinking Ocean Noise Interferometry (and Remotely Tracking Icebergs)  
for Fun and Profit"***  
THURS: 3:30PM **Dr. Justin S. Ball**, Postdoctoral Researcher  
CIRES, Department of Geological Sciences  
University of Colorado  
Boulder, Colorado

NOTE DAY CHANGE

February 6 ..... ***"Climate Modulated Water Storage, Deformation, and California Earthquakes"***  
TUES: 3:30PM **Dr. Christopher W. Johnson**, NSF Postdoctoral Fellow  
Institute of Geophysics and Planetary Physics  
Scripps Institute of Oceanography  
University of California, San Diego  
La Jolla, California

February 8 ..... ***"Stable Isotopes in Petrology: From Volcanic Eruptions to Planetary Evolution"***  
THURS: 3:30PM **Dr. Corliss Kin I. Sio**, Postdoctoral Researcher  
Nuclear and Chemical Sciences Division Lawrence  
Livermore National Laboratory Livermore, California

NOTE DAY CHANGE

February 13 ..... ***“Upper Mantle Seismic Structure Beneath Africa and Its Implications For Mantle Flow and Surface Uplift”***

**TUES: 3:30PM** **Dr. Erica L. Emry**, Postdoctoral Researcher  
Department of Earth and Environmental Sciences  
New Mexico Institute of Mining and Technology  
Socorro, New Mexico

February 15 ..... ***“Planetary Differentiation as Witnessed by Iron Isotopes”***

**THURS: 3:30PM** **Dr. Stephen M. Elardo**, Postdoctoral Research Associate  
Geophysical Laboratory  
Carnegie Institution for Science  
Washington, D.C.

NOTE DAY CHANGE

February 20 ..... ***“When Ocean Waves Rock the Earth: Turning Seismic Noise into Signal”***

**TUES: 3:30PM** **Dr. Lucia Gualtieri**, Postdoctoral Research Associate  
Department of Geosciences  
Princeton University  
Princeton, New Jersey

February 22 ..... ***“Eruptions: the Final Countdown”***

**THURS: 3:30PM** **Dr. Megan E. Newcombe**, GeoPRISMS Postdoctoral Fellow  
Lamont-Doherty Earth Observatory  
Columbia University  
Palisades, New York

NOTE DAY CHANGE

February 27 ..... ***“Beyond Elasticity: How Faults Deform the Lithosphere and Interact with each other”***

**TUES: 3:30PM** **Dr. Johanna M. Nevitt**, Mendenhall Postdoctoral Research Fellow  
Earthquake Science Center  
U.S. Geological Survey  
Menlo Park, California

March 1 ..... ***“Geothermal Resources of the Western Canadian Sedimentary Basin”***

**THURS: 3:30PM** **Dr. Jonathan Banks**, Research Associate  
Department of Earth and Atmospheric Sciences  
University of Alberta  
Alberta, Canada

March 8 ..... **Spring Break – no seminar**

March 15 ..... ***“Formation of Early Terrestrial Crust in the Acasta Gneiss Complex”***

**THURS: 3:30PM** **Dr. Ann M. Bauer**, Postdoctoral Associate  
Department of Geology and Geophysics  
Yale University  
New Haven, Connecticut

March 22 ..... ***“A 6,000 year Climate Change and Hurricane Record from the Bahamas— Implications for Climate and Humans, Past and Present”***

**THURS: 3:30PM** **Dr. Lisa Park Boush**, Director  
Center for Integrative Geosciences  
College of Liberal Arts and Sciences  
University of Connecticut  
Storrs, Connecticut

March 29 ..... ***“An Overview of Florida Institute of Oceanography and Coral Reefs for Coastal Protection: A New Methodological Approach and Engineering Case Study in Grenada”***  
THURS: 3:30PM  
**Dr. Philip A. Kramer**, Director  
Florida Institute of Oceanography  
St. Petersburg, Florida

April 5 ..... ***“Land Snails as Paleoenvironmental and Paleoecological Proxies”***  
THURS: 3:30PM  
**Dr. Yurena Yanes**, Fenneman Assistant Research Professor  
Department of Geology  
University of Cincinnati  
Cincinnati, Ohio

April 12 ..... ***“Seven Years after the Deepwater Horizon Oil Spill: A complex recovery. Impacts on Marine Sediments and Fish”***  
THURS: 3:30PM  
**Dr. David Hastings**, Professor of Marine Science and Chemistry  
Eckerd College  
St. Petersburg, Florida

NOTE DAY CHANGE

April 17 ..... ***“Sustainability Solving Legacy Phosphorus and Nitrogen in Landscapes with Wetlands and Wetlacreulture”***  
TUES: 3:30PM  
**Dr. William J. Mitsch**, Eminent Scholar and Director  
Everglades Wetland Research Park, and  
Sproul Chair for Southwest Florida Habitat Restoration  
Florida Gulf Coast University  
Naples, Florida

April 19 ..... ***“Geomagnetic Insights and Magneto-Stratigraphic Opportunities Provided Through IODP Drilling: New Results from the Southern Alaska Margin IODP EXP 341”***  
THURS: 3:30PM  
**Dr. Joseph S. Stoner**, Associate Professor  
College of Earth, Ocean, and Atmospheric Sciences  
Oregon State University  
Corvallis, Oregon

