

Spring 2015 Geological Sciences Seminars

100 WILLIAMSON HALL (unless otherwise noted)



January 8 **No seminar this week**

NOTE DAY, TIME AND LOCATION CHANGE

January 14 **DOUBLE SEMINAR IN 209 EMERSON ALUMNI HALL SPONSORED BY THE UF WATER INSTITUTE**

WED: 3:00PM ***“Why is the Flow to Silver Springs Decreasing?”***

Dr. James Jawitz, Professor
Department of Soil and Water Science
University of Florida

WED: 3:45PM ***“Views of Sea Level Rise from Greenland, the Yucatan, and Beyond”***

Dr. Jonathan B. Martin, Professor
Department of Geological Sciences
University of Florida

January 22 ***“Icehouse to Greenhouse Transitions in Deep Time, Potential Modern Analogs from Antarctica”***

THURS: 3:30PM
Dr. Eugene Domack, Professor of Geological Oceanography
College of Marine Science
University of South Florida
St. Petersburg, Florida

January 29 ***“Macrostrat: Towards a Common Data Infrastructure to Support Deep Time Earth Systems Science”***

THURS: 3:30PM
Dr. Shanan Peters, The Dean L. Morgridge Professor of Sedimentary Geology and Paleobiology
Department of Geoscience
University of Wisconsin—Madison
Madison, Wisconsin

February 5 ***“Multi-decadal Climate Variability and Post-industrial Change: Geochemical Records from a Floridian Coral and Bahamian Sclerosponge”***

THURS: 3:30PM
Dr. Amanda J. Waite, Postdoctoral Scientist
Department of Geological Sciences
University of Florida

NOTE DAY AND LOCATION CHANGE – THIS SEMINAR CAN SERVE AS A SUBSTITUTE/MAKEUP FOR SEMINAR STUDENTS

February 11 ***“Informing Management of the World’s Largest Groundwater Systems with Simply-Structured Model Analysis”***

WED: 3:30PM
202 WM
Dr. Clifford I. Voss, 2015 Birdsall-Dreiss Distinguished Lecturer
Senior Scientist with the National Research Program
U.S. Geological Survey
Menlo Park, California

February 12 ***“Foundering Lithosphere Beneath Southeastern U.S.: New Results from Tomography”***

THURS: 3:30PM
Dr. C. Berk Biryol, Postdoctoral Research Associate
Department of Geological Sciences
University of North Carolina—Chapel Hill

February 19 ***“Using Fossil Organic Matter to Reconstruct Paleo-pCO₂”***

THURS: 3:30PM
Dr. Brian Schubert, Assistant Professor
School of Geosciences
University of Louisiana, Lafayette
Lafayette, Louisiana

February 26 ***“Imaging Tectonic Plates – Structure and Deformation of North America”***
THURS: 3:30PM **Dr. Vedran Lekic**, Assistant Professor
Department of Geology
University of Maryland
College Park, Maryland
Sponsored by the 2014-2015 Earthscope Speaker Series funded by the National Science Foundation

March 5 **Spring break week – no seminar**

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March 9 ***“Climate Lessons from the Venerable Tide Gauge”***
MON: 2:00PM **Dr. Gary Mitchum**, Professor of Physical Oceanography and
JWReitz Union Associate Dean of the College of Marine Science
Auditorium University of South Florida
St. Petersburg, Florida
This presentation is part of the UF Florida Climate Institute’s Distinguished Scholar Seminar Series

NOTE TIME AND LOCATION CHANGE

March 12 ***“Advanced Segmentation and Simulation Techniques Using Avizo Fire”***
THURS: 10:40AM **Dr. Danijel Gostovic**, Senior Applications Engineer and Product Marketing Engineer
G186 MCCA FEI Company Natural Resources
FEI Visualization Sciences
Houston, Texas

March 19 ***“New Perspectives on the Hydrology and Sedimentology of North America’s Largest Delta”***
THURS: 3:30PM **Dr. Alex Kolker**, Assistant Professor
Louisiana Universities Marine Consortium (LUMCON)
Chauvin, Louisiana

March 26 ***“Modelling the Global Dynamics at Earth’s Surface: Why the Deep Mantle Matters”***
THURS: 3:30PM **Dr. Alessandro Forte**, Professor of Earth and Atmospheric Sciences
Canada Research Chair in Dynamic Earth Modeling
University of Quebec at Montreal
Montreal, Quebec, Canada

NOTE DAY, TIME AND LOCATION CHANGE

March 30 ***“Numerical Models for Evaluating the Competitive Use of the Subsurface:
The Influence of Energy Storage and Production in Groundwater”***
MON: 10:30AM **Dr. Rainer Helmig**, 2015 Henry Darcy Lecturer for the National Groundwater Association and
122 Frazier Professor in the Department of Hydromechanics and Modelling of Hydrosystems
Rogers Hall University of Stuttgart
Stuttgart, Germany

April 2 ***“Diamonds – Unique Recorders of Continental Evolution,
Plate Tectonics, and Mantle Convection”***
THURS: 3:30PM **Dr. Steven B. Shirey**, Senior Scientific Staff in Geochemistry
Department of Terrestrial Magnetism (DTM)
Carnegie Institute of Washington
Washington, DC

April 9 ***“Paleoelevation of the North American Cordillera from the Late Cretaceous to
Late Eocene: An Integrated Climate Model-stable Isotope Approach”***
THURS: 3:30PM **Dr. Henry Fricke**, Associate Professor and Chair
Endowed Chair of Geological Sciences
Department of Geology
Colorado College
Colorado Springs, Colorado

April 16 ***“Using Sediment Core Data to Better Understand the Ontogeny and
Eutrophication of Shallow Florida Lakes”***
THURS: 3:30PM **Dr. William F. Kenney III**, Associate-In Geological Sciences and
Land Use and Environmental Change Institute (LUECI) Research Scientist
University of Florida