

PURDUE UNIVERSITY
Department of Earth, Atmospheric, and Planetary Sciences
Seminars – Spring 2014
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

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|-------|----|--|----------------|
| Jan. | 23 | Texas Oil Tycoons
Prof. James Ogg, Purdue University | |
| Jan. | 28 | Improving Carbon Budget Predictability of the Global Terrestrial Ecosystem Using <i>in situ</i> Satellite Observational Data
Qing Zhu (EAPS Grad Presentation)
Tues. 4:00pm, Room 2201/HAMP | Advisor:Zhuang |
| Jan. | 30 | Engineering Geology Aspects for the Next New Madrid Earthquake
Dr. Gregory Hempen, AEG/GSA Jahns Lecture | Host: West |
| Feb. | 6 | The Potential to Mitigate CO2 Emissions by Large-Scale Geologic Sequestration
Dr. Kevin Ellett, Purdue University and the Indiana Geological Survey | |
| Feb. | 13 | The Ouachita Orogenic Belt: New Results, a Synthesis and Global Analogs
Prof. G. Randy Keller, Univ. of Oklahoma, Crough Lecture | Host: Nowack |
| Feb. | 20 | Isotope Geochemistry Search Candidate | (Filley) |
| Feb. | 27 | Isotope Geochemistry Search Candidate | (Filley) |
| Mar. | 6 | New Advances in Zircon (U-Th)/He Thermochronology and Current Challenges
Prof. William Guenther, University of Illinois | Host: Granger |
| Mar. | 13 | Smart Clays: Fault Lubrication and Creep on the San Andrea Fault
Prof. Ben van der Pluijm, Univ. of Michigan, Earthscope Speaker | Host: Flesch |
| Mar. | 27 | New Approaches to Determining the Timescales of Cryosphere Dynamics
Prof. Sarah Aciego, University of Michigan | Host: Lifton |
| April | 3 | What Caused the last Global Deglaciation?
Prof. Peter Clark, Oregon State Univ., Levandowski Lecture | Host: Lifton |
| April | 10 | Interplay between climatic and tectonic processes in the St. Elias foreland, Southern Alaska: Evolution of a glaciated convergent margin since the mid-Pleistocene
Prof. Lindsay Worthington, Univ. of New Mexico | Host: Ridgway |
| April | 15 | Can Methane Sources Counterbalance the Carbon Dioxide Sink in the Pan-Arctic
Xudong Zhu (EAPS Grad Presentation)
Tues. 4:00pm, Room 2201/HAMP | Advisor:Zhuang |
| April | 17 | Comet ISON: A Retrospective Look at a Unique Comet
Dr. Matthew Knight, Lowell Observatory | Host: Minton |
| April | 24 | Unraveling the Magnetic Mysteries of Mars
Dr. Colleen Milbury, Purdue University | |