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

Jan. 23 Texas Oil Tycoons
Prof. James Ogg, Purdue University

Jan. 28 Improving Carbon Budget Predictability of the Global Terrestrial Ecosystem Using in situ Satellite Observational Data
Qing Zhu (EAPS Grad Presentation) Adviser: Zhuang

Tues. 4:00pm, Room 2201/HAMP

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 Analog
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) Adviser: Zhuang

Tues. 4:00pm, Room 2201/HAMP

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