Jan. 20  David Blair, PhD Candidate          Advisor: Freed
"The Princess and the Pea: Fractures in the Floors of Lava-Filled Impact Craters"
      **Tuesday, 4:00 PM, Room 2201/HAMP**

Jan. 22  Dr. Eldon Gath, AEG Jahns Lecturer          Host: West
"Tectonic, Geomorphic and Paleoseismic Investigations for the Panama Canal"

Jan. 29  Prof. Daniele Perissin, Civil Eng. Purdue Univ.
"Synthetic Aperture Radar Interferometry: From Large-scale Ground Subsidence to Single Building Settlement Monitoring"

Feb. 5   Prof. George Bodner, Dept. of Chemistry, Purdue Univ.
“I’m Finally Beginning to Understand Why I Didn’t Understand …”

Feb. 12  Prof. Jane Willenbring, Univ. of Pennsylvania          Host: Lifton
"What Caused Late Cenozoic Cooling? Reconciling Chickens, Eggs and Other Beasts"

Feb. 17  Yue Zheng, PhD Candidate          Advisor: Niyogi
"Impacts of Land-Atmosphere Interaction on Regional Rainfall and Convection"
      **Tuesday, 4:00 PM, Room 2201/HAMP**

Feb. 19  Prof. David Minton, Purdue University (joint EAPS/Physics Colloquium)
"Impacts in the Early Solar System"
      **Thursday, 4:00 PM, Room 242/PHYSICS**

Feb. 24  Tommy Lovell, PhD Candidate          Advisor: Bowen/Ridgway
"The Role of an Intercontinental Basin in Transcontinental Sediment Dispersal"
      **Tuesday, 4:00 PM, Room 2201/HAMP**

Feb. 26  Prof. Mark Bourassa, Florida State Univ.          Host: Tung
“Satellite Remote Sensing and Global Observations of Air-Sea Interaction”

Mar. 3   Zeli Tan, PhD Candidate          Advisor: Zhuang
"Improving the Quantification of Terrestrial Methane Emissions with Process-Based Biogeochemical Models and Assimilation of Satellite Data"
      **Tuesday, 4:00 PM, Room 2201/HAMP**

Mar. 5   Lev Gorenstein, ITaP Purdue University          Host: Baldwin
"Research Computing at Purdue"

Mar. 10  Timothy Berry, PhD Candidate          Advisor: Filley
“Microbial Interactions with Carbon Nanomaterials"
      **Tuesday, 4:00 PM, Room 2201/HAMP**

Mar. 12  Prof. Nathan Niemi, Univ. of Michigan          Host: Ridgway
“A Paleoelevation History of the Basin and Range and Its Relation to Cenozoic Extensional Tectonism”
**Mar. 26**  
Dr. Brent Newman, Los Alamos National Labs  
“Hydrological and Biogeochemical Characterization of the Danube River System using Isotopes”  
Host: Frisbee

**Mar. 31**  
Lindsey Payne, PhD Candidate  
Adv: Shepardson  
“Transdisciplinary Approaches in Community-Based Adaptation Projects”  
**Tuesday, 4:00 PM, Room 2201/HAMP**

**April 2**  
Energy Colloquium  
TBA  
Hosts:  
Cushman/Chaubey

**April 9**  
Prof. Terry Engelder, Penn State Univ.  
Host: Nowack  
“The Environmental Realities of Hydraulic Fracturing: Fact versus Fiction”

**April 16**  
Energy Colloquium  
TBA  
Hosts:  
Cushman/Chaubey

**April 21**  
Kimberly Hoogewind, PhD Candidate  
Adv:Baldwin  
“The Impact of Climate Change on Severe Storms in the U.S. using High-Resolution Dynamical Downscaling”  
**Tuesday, 4:30 PM, Room 3201/HAMP**

**April 23**  
Prof. Jason Briner, SUNY Buffalo  
Host:Lifton  
“The Response of the Greenland Ice Sheet to Abrupt Climate Change”

**Apr. 28**  
Paul Schmid, PhD Candidate  
Adv: Niyogi  
“Numerical Modeling of Urban Thunderstorm Interaction”  
**Tuesday, 4:30 PM, Room 2201/HAMP**

**April 30**  
Energy Colloquium  
TBA  
Hosts:  
Cushman/Chaubey