

PURDUE UNIVERSITY
Department of Earth, Atmospheric, and Planetary Sciences
Colloquia – Spring 2015
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

- 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:
"The Role of an Intercontinental Basin in Transcontinental Sediment Dispersal" Bowen/Ridgway
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"

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Colloquia – Spring 2015 (cont.)

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| 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
“Transdisciplinary Approaches in Community-Based Adaptation Projects”
Tuesday, 4:00 PM, Room 2201/HAMP | Adv: Shepardson |
| April 2 | Energy Colloquium
TBA | Hosts:
Cushman/Chaubey |
| April 9 | Prof. Terry Engelder, Penn State Univ.
“The Environmental Realities of Hydraulic Fracturing:
Fact versus Fiction” | Host: Nowack |
| April 16 | Energy Colloquium
TBA | Hosts:
Cushman/Chaubey |
| April 21 | Kimberly Hoogewind, PhD Candidate
“The Impact of Climate Change on Severe Storms in the U.S. using
High-Resolution Dynamical Downscaling”
Tuesday, 4:30 PM, Room 3201/HAMP | Adv: Baldwin |
| April 23 | Prof. Jason Briner, SUNY Buffalo
“The Response of the Greenland Ice Sheet to Abrupt Climate Change” | Host: Lifton |
| Apr. 28 | Paul Schmid, PhD Candidate
“Numerical Modeling of Urban Thunderstorm Interaction”
Tuesday, 4:30 PM, Room 2201/HAMP | Adv: Niyogi |
| April 30 | Energy Colloquium
TBA | Hosts:
Cushman/Chaubey |