

PURDUE UNIVERSITY
Department of Earth, Atmospheric, and Planetary Sciences
Colloquia – Fall 2016
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

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| Sept. 1 | Joel Saylor, University of Houston
“Integrating Stable Isotopes and Basin Analysis for a Paleogene-Neogene Paleoelevation History of Southern Peru” | Host: Ridgway |
| Sept. 8 | William McKinnon, Washington University in St. Louis
“Pluto Revealed! Results from NASA’s New Horizons Mission” | Host: Melosh |
| Sept. 13 | Wanchen Wu, PhD Candidate
“The Effects of Continental Aerosols on the Eyewall of a Typhoon”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Tung |
| Sept. 15 | Peter Colarco, NASA Goddard Space Flight Center
“Aerosol Modeling Applications in the NASA GEOS-5 Earth System Model” | Host: Harshvardhan |
| Sept. 22 | Oliver Boyd, U.S. Geological Survey
“Seismic Hazard and Geodesy in the New Madrid Seismic Zone” | Host: Gilbert/Freed |
| Sept. 27 | Sarah Bischoff, PhD Candidate
“Breaking Down the Impact of Strength Heterogeneity on Deformation of the India-Eurasia Collision: A Numerical Modeling Approach”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Flesch |
| Sept. 29 | Kevin Reed, SUNY-StonyBrook
“High-resolution Global Simulations from Reduced Complexity to Future Projections” | Host: Chavas |
| Oct. 4 | Wendell Walters, PhD Candidate
“Unraveling the “Fingerprints” of Nitrogen Oxides using Stable Isotopes: Implications for Source Partitioning and Evaluation of Atmospheric Oxidation Pathways”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Flesch |
| Oct. 20 | Fan-Chi Lin, University of Utah
“Imaging the Yellowstone Magmatic and Hydrothermal System Using Seismic Tomography” | Host: Nowack |
| Oct. 25 | Logan Dawson, PhD Candidate
“Examination of Mesoscale Feedbacks on Convective Scale Predictability During MPEX”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Baldwin |
| Oct. 27 | Allison Wing, Lamont-Doherty Earth Observatory
“Clouds, Circulation, and Climate Sensitivity in Cloud Resolving Model Simulations of Self-Aggregation of Convection” | Host: Chavas |
| Nov. 1 | Shaoqing Liu, PhD Candidate
“Quantifying Terrestrial Ecosystem Carbon Dynamics with Mechanistically-based Biogeochemistry Models and In Situ and Remotely Sensed Data”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Zhuang |

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| Nov. 3 | Kristin Morell, University of Victoria
“Lessons in the Landscape: Mountain Building and Seismic Hazards
in Cascadia and the Himalaya” | Host: Elliott |
| Nov. 10 | Jessica Larsen, University of Alaska, Fairbanks
“The 2008 Eruption of Okmok Volcano, Alaska: Geological Perspectives” | Host: Elliott |
| Nov. 15 | Adam Stepanek, PhD Candidate
“Predictions of Severe Weather Environments by the Climate Forecast
System Version 2 Model Suite”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Baldwin |
| Nov. 17 | Michael King, LASP
“Spatial and Temporal Distribution of Tropospheric Clouds
Observed by MODIS on Board the Terra and Aqua Satellites | Host: Harshvardhan |
| Nov. 28 | Tim Marshall, Haag Engineering
“El Reno Tornado and Damage Survey”
Monday, 3:30PM, Room 2108/HAMP | Host: Tanamachi |
| Dec. 1 | Andy Davis, University of Chicago
“Stardust in the Laboratory with CHILI” | Host: Caffee |
| Dec. 6 | Christy Gibson, PhD Candidate
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Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Filley |