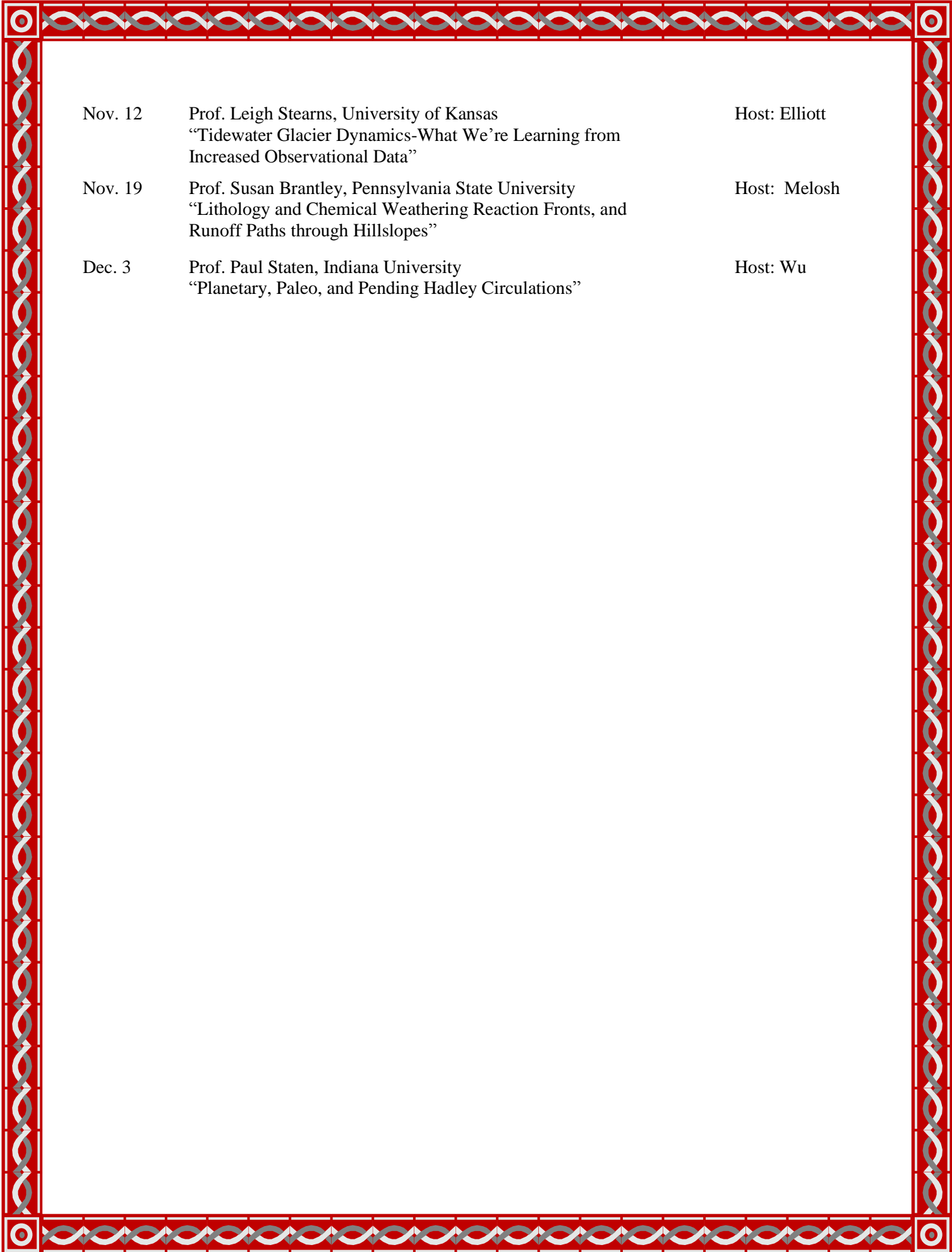


PURDUE UNIVERSITY
Department of Earth, Atmospheric, and Planetary Sciences
Colloquia – Fall 2015
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

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| Sept. 22 | Subashini Subramanian, PhD Candidate
“Land Surface Effects on the Post Landfall Characteristics of Tropical Cyclones”
Tuesday, 4:30PM, Room 2201/HAMP | Advisor: Niyogi |
| Sept. 24 | Dr. Joseph Morris, Lawrence Livermore National Laboratory
“Hydraulic Fracture Simulation: Rising to the Challenge of Unconventional Reservoirs”
EAPS Energy Colloquium | Host: Cushman |
| Oct. 1 | Prof. Nathan Sheldon, University of Michigan
“When Did the Terrestrial Biosphere Become Important to Global Biogeochemistry” | Host: Horgan |
| Oct. 8 | Prof. Blair Schoene, Princeton University
“Constraining Crustal Evolution on Very Short and Very Long Timescales” | Host: Caffee |
| Oct. 15 | Prof. Qianlai Zhuang, Purdue University
Title: TBA | |
| Oct. 20 | Haylee Dickinson, PhD Candidate
“Inferred Rheology and Petrology of the Southern California and Northwest Mexico Mantle from Postseismic Deformation Following the 2010 El Mayor-Cucapah Earthquake”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Freed |
| Oct. 22 | Prof. Victor Gensini, College of DuPage
“Tornadoes: Past, Present and Future” | Host: Agee |
| Oct. 27 | Anthony Ingrafea, Cornell University
“The Science of Shale Gas/Oil: The Latest Evidence on Leaky Wells, Methane Emissions, and Implications for Energy Policy”
EAPS Energy Colloquium
Tuesday, 7:00PM, Room 112/PHYS | Host: Cushman |
| Oct. 29 | Prof. Jerry DeGraff, AEG-Jahns Lecturer,
“Effective Monitoring for Environmental and Engineering Geology Projects, Case Histories in Mining, Groundwater Contamination and Hot Springs Migration” | Host: West |
| Nov. 5 | Prof. Kim Novick, Indiana University
“Mechanisms Limiting Forest Carbon Uptake and Water Use During Drought” | Host: Welp |
| Nov. 10 | Kimberly Hoogewind, PhD Candidate
“How Will Severe Thunderstorms Respond to Anthropogenic Climate Change: Insights from High-resolution Dynamical Downscaling”
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Baldwin |

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| Nov. 12 | Prof. Leigh Stearns, University of Kansas
“Tidewater Glacier Dynamics-What We’re Learning from
Increased Observational Data” | Host: Elliott |
| Nov. 19 | Prof. Susan Brantley, Pennsylvania State University
“Lithology and Chemical Weathering Reaction Fronts, and
Runoff Paths through Hillslopes” | Host: Melosh |
| Dec. 3 | Prof. Paul Staten, Indiana University
“Planetary, Paleo, and Pending Hadley Circulations” | Host: Wu |