

SEMINARS-Spring 2012
Department of Earth & Atmospheric Sciences
Thursdays at 3:30 PM, Room 1252 CIVL (*unless noted)

- Jan. 19 **Using Earthquakes As Large Rock Squeezing Experiments**
Andy Freed, Purdue University
- Feb. 2 **The 2008 Mw 7.9 Wenchuan, China, Earthquake:
InSAR, Coseismic Slip, and the Accumulated Stresses**
Eric Hetland, University of Michigan (Host: Freed)
- 9 **A Statistical Perspective on Climate Problems**
Bo Li, Purdue University (Host: Trapp)
- 16 **Quaternary Geologic Constraints on Denali Fault Strain-
Partitioning and Implications for the Active Tectonics
of South-Central Alaska**
Sean Bemis, University of Kentucky (Host: Ridgway)
- 29 ***Urban Landslides—Challenges to Forensic Engineering Geologists**
Scott Burns, Portland State University, 2012 Jahns Lecturer (Host: West)
- Mar. 29 **A Cognitive Model for Implementing Knowledge: Moving
Research into Practice Through Professional Development**
Dale Baker, Arizona State University (Host: Watts/Harbor)
- April 4 ***Impact of Emissions and long-Range Transport on Multi-Decadal
Aerosol Trends: Implications for Air Quality and Climate**
Mian Chen, NASA Goddard Space Flight Center (Host: Harshvardhan)
- 5 **Atmosphere-Surface Interactions on Mars**
Megan Elwood-Madden, University of Oklahoma (Host: Melosh)
Planetary Search Candidate
- 12 **Water, Hydroxyl, and Ice in the Asteroid Belt**
Andrew Rivkin, John Hopkins Applied Physics Laboratory (Host: Minton)
- 13 ***Slipping the Surly Bonds: the Impact of Weather on Aviation
Operations and Safety, Past, Present, & Future**
Tom Carney, EAS Distinguished Alumni
- 16 ***The Tropical Nature of Titan's Climate and Storms**
Jonathan Mitchell, UCLA (Host: Melosh)
Planetary Search Candidate
- 19 **TBD**
Tim Filley, Purdue University
- 25 ***Climate Change on Ancient Mars**
Edwin Kite, California Institute of Technology (Host: Melosh)
Planetary Search Candidate
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