**PURDUE UNIVERSITY**
**Department of Earth & Atmospheric Sciences**
**Seminars for Fall 2009**

**Thursdays at 3:30 PM in 1252 CIVL Bldg.** (unless noted)

**Sept**. 3 "Evaluation of Numerical Forecasts of Convective Precipitation Systems Containing Realistic Detail", Prof. Michael Baldwin, EAS/Purdue Univ.

10 "Contrasting Central-Pacific and Eastern-Pacific Types of El Nino", Prof. Jin-Yi Yu, Univ. of Calif. Irvine Host: Wen-wen Tung

17 "Of Elephants, Earthquakes, Caves and Hot Rock - Recent Geological Adventures", Dr. Edmund Medley, 2009 Jahns Lecturer, Host: Terry West

24 "Modern Era Retrospective-analysis for Research and Applications (MERRA) Global Water and Energy Budgets", Dr. Mike Bosilovich, NASA, Host: Dev Niyogi

25 *College of Science Outstanding Alumni Celebration*

**Oct**. 1 "Pollen, Organic-walled Microfossils, and Applications of Palynology", Prof. Francisca Oboh-Ikuenobe, Missouri Univ. of Science & Tech. Host: Brenda Beitler Bowen

8 "Mechanics of V-shaped Conjugate Strike-Slip Faults in Collisional Orogens and the Nature of Corresponding Continuum Deformation", Prof. An Yin, UCLA Host: Lucy Flesch

15 "Mantle Flow and Lithospheric Deformation", Prof. Alessandro Forte, Univ. of Quebec at Montreal Host: Eric Calais

19-22 *Geological Society of America Annual Meeting*

22 "Nitrogen Flux in Watersheds: The Role of Soil Distributions and Climate in Nitrogen Flux to the Coastal Ecosystems," Prof. William Showers, NC State University Host: Greg Michalski

25-30 *Society of Exploration Geophysicists Annual Meeting*

29 "Global Warming Within the Context of the Indian Subcontinent" Dr. Prashant Shrivastava, EAS/Purdue Univ. Host: J. Harbor

**Nov**. 5 "Modeling Hurricanes across Scales," Dr. Greg Holland, NCAR Host: W.Y. Sun

12 "Are We All Martians? The Meteoritic Exchange of Life between Planets", Dr. Jay Melosh, EAS/Purdue Univ.

19 Cretaceous – Tertiary Growth of the Tibetan Plateau, Prof. Paul Kapp, Univ. Arizona, Host: K. Ridgway

26 *Thanksgiving*

**Dec**. 3 TBA, Prof. Elizabeth Moyer, University of Chicago Host: M. Huber

10 (last week of classes)