

GeoDay 2009

Join us in celebrating the Department of Geosciences' scholarship and student research with graduate research presentations. Light snacks and drinks will be provided.

When: May 1, 2009 from 8:00-3:00

Where: 106 Wilkinson Hall

Schedule (abstracts available at http://www.geo.oregonstate.edu/events/GeoDay/Geo_Day_Main.html)

- 8:00-8:45** **Breakfast (bagels, cheese, fruit, coffee and juice)**
- 8:45-9:00** **Ajeet Johnson:** Structure and timing of range fronts bounding the Tyge Valley, Oregon
- 9:00-9:15** **Federico "Fede" Cernuschi:** Geology, geochemistry, geophysics and economic mineralization potential of Lascano area, Eastern Uruguay
- 9:15-9:30** **Matt Loewen:** Trace metal budgets in Caribbean large igneous province melt inclusions: Searching for a causal link to Ocean Anoxic Event 2
- 9:30-9:45** **Jim Duncan:** Building the skyline: the effects of alternative future development scenarios on ecological pattern and process in Central Oregon
- 9:45-10:00** **Amy Lange:** Geochronological constraints on the geochemical evolution of the Canyon Mountain Complex ophiolite, Eastern Oregon
- 10:00-10:15** **BREAK**
- 10:15-10:30** **Tracy Kugler:** Comparative study of urban sprawl and urban form in metropolitan areas of the United States
- 10:30-10:45** **Kathleen Moore:** Long-term trends in water yield from old growth forested catchments in the Western Cascades
- 10:45-11:00** **Lauren Parker:** Climatological and meteorological conditions associated with rain-induced periglacial debris flows in the Cascade Range, USA
- 11:00-11:15** **Patrick MacQuarrie:** Conflict prevention and scale: The tale of two rivers--the Mekong and the Columbia
- 11:15-11:30** **Yann Gavillot:** Long-term deformation rates on the Himalayan deformation front in Jammu and Kashmir, India with implications of recent fault activity on the Reasi thrust
- 11:30-11:45** **Chris Madden:** Strain partitioning in the northwest Himalaya: What role do faults north of the deformation front play in Indian convergence?
- 11:45-1:30** **Lunch, GeoClub Israel/Palestine Trip Presentation and Department Awards (235 Wilkinson Hall)**
- 1:30-1:45** **Margaret Spahn:** Mapping the seafloor for habitat characterization at Nuka Island and the Pye Islands, northern Gulf of Alaska
- 1:45-2:00** **Cody Beedlow:** The use of surface energy balance models as a means to quantify changes in glacier mass balance
- 2:00-2:15** **Jay Alder:** Simulating changes in ENSO with global warming
- 2:15-2:30** **BJ Walker:** Ten million years of magmatism at the Aucanquilcha Volcanic Cluster, northern Chile: Investigating system evolution using the crystal cargo of lavas
- 2:30-2:45** **Julia Rosen:** A history of atmospheric nitrous oxide, ocean circulation and climate change recorded in polar ice cores

Department of Geosciences

Oregon State University
104 Wilkinson Hall
Corvallis, OR 97331-5506
Phone: 540 737 1201
Fax: 541 737 1200

E-mail: geo-info@geo.oregonstate.edu
Web site address:
<http://www.geo.oregonstate.edu/>

