

### Fall 2005 Smith Lecture Schedule

September	16	Anna Michalak, University of Michigan	Inferring Historical Forcing using Geostatistical Inverse Modeling: Examples from Hydrogeology and Atmospheric Monitoring
	23	Erica Hendy, Lamont-Doherty Geological Observatory	Climate Change Down-under: Reconstructing the Hydrological Cycle from Australian Coral and Papua New Guinea Caves
	30	Julia Bryce, University of New Hampshire	The Geochemical Structure of the Hawaiian Plume
October	7	Gerald Haug, Universität Potsdam	El Nino, Climate and Societies
	14	GSA	No lecture
	21	Louis Derry, Cornell University	Insights into the Biogeochemical Cycling of Silica
	28	Thomas Sharp, Arizona State University	Subduction through the Transition Zone: Phase Transitions, Deep Focus Earthquakes and Role of H <sub>2</sub> O
November	4	Harold Tobin, New Mexico Tech.	Getting Inside the Plate Boundary: Subduction Zone Megathrusts in IODP
	11	Robert Anderson, University of Colorado	Glaciers and Their Impact on Alpine Landscapes
	18	Andy Fisher, University of California, Santa Cruz	Large-scale Lateral Fluid Flow within Oceanic Crust and the Global Importance of Seamounts in Driving Hydrothermal
December	2	Celal Sengor, Istanbul Tech. University	Altaids and other Turkeic-type Orogens or a Brief History of the Last 600 Ma
	9	AGU	No lecture