

Our weekly colloquium features world leaders on latest research in all aspects of earth and planetary sciences. Speakers are suggested by faculty and students, coordinated by Gail M. Ashley (gmas Ashley@rci.rutgers.edu). It is held on Wednesdays at noon, followed by pizza/soda lunch.

Undergraduate geology majors can take Colloquium (01:460:355:01) for 1 credit. Grading is based on attendance (70%) and 1-2 page summaries of 3 talks (30%).

## Fall 2014 Colloquium Schedule

Time: 12:00 noon

Location: Wright Chemistry Auditorium (<http://geology.rutgers.edu/directions.shtml>)

	Date	Speaker (Affiliation)	Title	Host
1	3-Sep	Robert Kopp (EPS, RCI, REI)	The American climate prospectus: economic risks in the United States	
2	10-Sep	Benjamin Horton (IMCS)	Common Era sea-level change	Miller
3	17-Sep	Tolulope Olugboj (Yale)	The bottom boundary of Earth's tectonic plates: A view from scattered teleseismic waves and anelastic behavior of mantle minerals	Levin
4	24-Sep		<i>No Talk</i>	
5	1-Oct	Craig Feibel (EPS)	Lacustrine dynamics and terrestrial habitats: Linking core and outcrop records to hominid evolution	
6	8-Oct	Clara L. Blättler (Princeton)	How salty was the sea? New constraints on seawater chemistry from ancient evaporites	Rosenthal
7	15-Oct	Michael D. Higgins (Quebec)	Two recent meteorite impact craters: the small and dry (Whitcourt, Alberta) and the large and wet (Corossol, Quebec)	Levin
8	22-Oct		<i>No talk; GSA week</i>	
9	29-Oct	William C. Clyde (UNH)	A tale of two hyperthermals: A continental perspective on the Paleocene-Eocene Thermal Maximum (PETM) and Eocene Thermal Maximum 2 (ETM2)	Kent
10	5-Nov	David B. Loope (Nebraska)	Concretions, carbon dioxide, and radioactive groundwater	Sugarman Ashley
11	12-Nov	Harold C. Connolly, Jr (CUNY)	Constraining our origin and securing our future through an asteroid sample return Mission: OSIRIS-REx	Meteorite Research Group
12	19-Nov	Martin Tingley (Penn State)	Changes in means and extremes of surface temperatures, from centennial to daily timescales	Kopp
13	26-Nov		<i>No talk; Thanksgiving</i>	
14	3-Dec	Clinton Scott (USGS)	The Mississippian Heath Formation: A Euxinic and Fossiliferous Black Shale	Severmann
15	10-Dec	John C. Ridge (Tufts)	The new North American varve chronology: a precise record of southeastern Laurentide Ice Sheet deglaciation	Quat. Studies; Ashley