

**Department of Earth and Environmental Sciences  
University of Kentucky**

**Spring 2012 Rast-Holbrook Seminar Series Schedule**

**Coordinator:** Dr. Kevin M. Yeager

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**Time:** Thursdays, beginning at 3:50pm

**Place:** Rm. 303, Slone Research Building

\*indicates a seminar not on a Thursday

<b>Date</b>	<b>Speaker</b>	<b>Affiliation</b>	<b>Title</b>
Jan. 12	Dr. Alan E. Fryar	University of Kentucky	From bourbon to bacteria: Some uses and abuses of inner bluegrass karst springs
Jan. 19	Dr. Eric Tohver	University of Western Australia	A Permo-Triassic impact event- implications for the mass extinction and the carbon isotope record
Jan. 23*	Dr. Ethan F. Baxter	Boston University	Multiple paths, multiple sinks: The untold story of noble gas thermochronology
Feb. 2	Dr. Robert D. Hatcher, Jr.	University of Tennessee - Knoxville	Crustal structure of the eastern U.S. from potential field data
Feb. 9	Dr. M. Royhan Gani	University of New Orleans	From bug to basin: Along-strike variability of shallow-marine and coastal-plain strata
Feb. 16	Dr. John M. Holbrook	Texas Christian University	Large mid-continent earthquakes are a thing of the past: The facies proxy record of Holocene deformation events in the New Madrid seismic zone courtesy of the Mississippi River
Feb. 23	--	--	No Seminar – American Geophysical Union’s Ocean Sciences Meeting

Mar. 1	CANCELLED	--	--
Mar. 8	Dr. Daehyun Kim	University of Kentucky	Wind-driven sea-level variation influences hydrological, geomorphic and floristic dynamics of salt marshes
Mar. 15	--	--	No Seminar – Spring Break
Mar. 22	Dr. Kevin B. Briggs	U.S. Naval Research Laboratory	The influence of seasonal hypoxia on macrobenthic communities and sediment properties in the Gulf of Mexico
Mar. 29	Dr. Dale Tshudy	Edinboro University of Pennsylvania	The fossil record of clawed lobsters: Evolution, taxonomy and interesting subplots
Apr. 5	Dr. Rebecca Freeman	University of Kentucky	Lingulate brachiopod extinction and global migration coinciding with three Laurentian trilobite extinction events during the late Cambrian-earliest Ordovician
Apr. 12	Dr. Aaron F. Diefendorf	University of Cincinnati	Molecular and fossil perspectives on carbon isotope excursions during hyperthermal events
Apr. 19	Dr. Steven L. Goodbred	Vanderbilt University	Piecing together the Ganges-Brahmaputra delta: Interacting role of rivers, climate, and tectonics
Apr. 26	Dr. Rusty A. Feagin	Texas A&M University	Fault-driven sea level rise, accretion, and land loss in a barrier island salt marsh