The purpose of this course is to learn about current research in the Earth Sciences, and to think about how you might convey your own research ideas to a general audience. The learning process begins by listening to a variety of research presentations, and thinking about different ways to effectively convey new ideas and supporting data. This benefit will accrue from your regular attendance at the department's weekly seminar and thoughtful review of the presentations that are made there.

LEARNING OBJECTIVES

• Develop an appreciation for range of disciplinary research represented within the umbrella of Earth Science
• Learn about cutting edge developments across the field of Earth Science
• Develop critical thinking skills through question and assessment of presented research
• Assess the effectiveness of different styles and methods of persuasive communication

GRADING
This course is offered on a pass/fail basis (if you wish to earn a letter grade, please contact the professor). Grades are awarded based on attendance, and the successful completion of a series of short-answer questions about each presentation:

1. What is the main contribution of this research? What do we know now that we did not know before the research was conducted?
2. Was the main point clearly conveyed? Why or why not?
3. What did you like about the style of the presentation (consider speaking style, slides, and pointer use)?
4. Was there anything about the style of the presentation that could be improved?
Finally, it is incumbent upon students in this course to do some brief background research on each seminar speaker. Such efforts may include reading recent papers, visiting the speaker’s website, and reading the presentation abstract in advance of the seminar.

The seminar schedule is posted in the "Department News" section of our web site at: www.geol.sc.edu, is available as a Google Calendar here, and is posted below. Changes to the schedule will be updated to the aforementioned Google Calendar and by department-wide email.

**Fall 2013 EOS Seminar Series**

Aug 22: **John Bolten** [Remote Sensing, Hydrology], NASA. Venkat Lakshmi is host.

Aug 29: **Bereket Haileab** [East African tephrachronology, hominid evolution], Carleton College. Dave Barbeau is host.

Sept 5: **Bob Bodnar** [Fluid inclusions, Geohydrology], Virginia Tech. Alicia Wilson is host.

Sept 12: **Nick Moldoveanu** [Geophysics, Seismology, Marine Science], SEG Honorary Lecturer. SEG is host.

Sept 19: **Masako Tominaga** [Marine Geophysics], Michigan State. Scott White is host.

Sept 26: **Abby Kavner** [Mineral Physics, Chemistry], UCLA. Seth John is host.

Oct 3: **David Rowley** [Geodynamics, Paleogeography, Plate Tectonics], U. Chicago. Ray Torres is host. Part of Parents' Weekend festivities.

Oct 10: **Sandra Passchier** [Paleooceanography, Paleoclimate, Cryosphere], Montclair State, IODP Distinguished Lecturer. Howie Scher is host.

Oct 17: Fall Break -- No Seminar

Oct 24: **Lisa Beal** [Physical Oceanography, Climate], U. Miami. Subra Bulusu is host.

Oct 31: GSA / Halloween, no seminar.

November 7: Tanja C. Mildner [Physical Oceanography, Paleoclimate], University of Hamburg. George Voulgaris is host.


November 21: **Donna Shillington** [Seismology, Plate Tectonics], Lamont-Doherty Earth Observatory. Jim Kellogg is host.

December 5: **Mark Leckie** [Micropaleontology, Biostratigraphy], UMass. Dave Barbeau is host.