

GEOBULLETIN

February 8th, 2008

LECTURE SCHEDULE ---- All lectures (unless otherwise noted) are held on Fridays at 3:30 PM in AB20 (Laudon Lecture Hall). Coffee & cookies are served in the lobby starting at 3:15 PM. No more lectures scheduled for this semester.

SPRING 2008 WEEKS LECTURE SCHEDULE

February 15 ---- Linda Hinnov ---- The Johns Hopkins University ----

SPECIALTY TALK: February 14, 2008–Thursday Noon–Room A259 Weeks Hall

THE ASTRONOMICAL SIGNAL IN THE GREEN RIVER FORMATION

GENERAL TALK: February 15, 2008 – Friday 3:30 PM – Room 140 – Weeks Hall

ASSEMBLING THE ASTRONOMICAL TIME SCALE FOR EARTH HISTORY

February 22 ---- David Wesolowski ---- ORNL ----

February 29 ---- Gene Hunt ----Smithsonian ----

March 7 ---- Francesca Smith ---- Northwestern ----

March 28 ----- **Hold for AAPG**

April 4 ---- Martin Saar ---- University of Minnesota ----

April 11 ----- Laurie Brown ---- University of Massachusetts ----

April 18 ----- Christopher Kim – Chapman University

April 25 ---- Board of Visitors' Meeting ---- date reserved ----

May 2 ---- Dave Deamer ---- University of California – Santa Cruz

May 9 ---- Sean C. Solomon ----- DTM/Carnegie Institution of Washington ----

FALL 2008 WEEKS LECTURE SCHEDULE

September 12 ----- Steve Holland --- University of Georgia

POSITION OPENINGS:

Subject: Tectonics position at Pomona College (sabbatical replacement)

Pomona College 1-Year Faculty Position in Tectonics

The Geology Department at Pomona College, the founding member of the Claremont Colleges, invites applications for a 1-year faculty position beginning July 1, 2008 to teach courses and assist with senior thesis supervision.

We seek a candidate eager to interact with talented undergraduates in an environment where teaching and research are emphasized. Teaching responsibilities are expected to include Tectonics with lab plus three other courses determined through discussion between the candidate and department.

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The latter will include a second lab course (please note that we do not require coverage of Structural Geology) and two non-lab courses (i.e. an introductory course and/or electives).

Applicants should send a letter of interest, curriculum vitae, a statement of teaching philosophy, a summary of research plans, undergraduate and graduate transcripts, and two letters of reference to Tectonics 1-year Search, Geology Department, Pomona College, 185 E. Sixth Street Room 232, Claremont, CA 91711. Web address: <http://www.geology.pomona.edu>; refer questions to Dr. Eric Grosfils (e-mail: GeoFacSearch@pomona.edu; 909-621-8673). Review of completed applications will begin March 24th, 2008 and will continue until the position is filled. Pomona College is an equal opportunity employer, and we especially invite applications from women and members of under-represented groups.

Barr Engineering, an environmental consulting firm with offices in Minneapolis, Hibbing and Duluth MN, And Arbor MI and Jefferson City MO, offers summer internships to undergraduates in Geology and Geophysics and Geologic Engineering. For additional information see the Barr web site at <http://www.barr.com/Jobs/Internships.asp>

The Southern California Earthquake Center (SCEC) is accepting applications from undergraduate students around the country for two Summer internship programs:

- * The SCEC Summer Undergraduate Research Experience (SCEC/SURE) program pairs students who are typically majoring in earth science, geography, or geotechnical engineering to conduct research one-on-one with a SCEC scientist at the scientist's institution or field site.
- * The SCEC Undergraduate Studies in Earthquake Information Technology (SCEC/UseIT) program unites undergraduates from many disciplines to conduct team-based information technology research at SCEC headquarters at the University of Southern California (USC).

SURE and UseIT interns must be current college undergraduates. (Graduates, graduate students, and high school students are not eligible.) With the exception of students who attend USC, SCEC undergraduate interns must be citizens or permanent residents of the United States. SCEC interns receive a stipend for 8-10 weeks of summer work, plus all expenses paid to attend a summer field trip and the SCEC Annual Meeting. Additionally, some participants may be eligible for no-cost summer housing and travel assistance.

To learn more about either program go to <http://www.scec.org/internships>. Applications will be accepted online through February 15, 2008 (or until all positions are filled).

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Exploration Geophysicist Appalachian Basin

A successful Appalachian Basin based independent Oil and Gas

Company is in search of a highly motivated, talented, entrepreneurial minded geophysicist to coordinate company wide exploration activity utilizing primarily 3-D seismic data.

Primary duties will include coordination of seismic data acquisition, processing, and interpretation of the data to generate drilling prospects. Responsibilities also include review of existing seismic data to generate future prospects.

The candidate will work closely with the Management, Engineering, Geology, and Land personnel in a close team atmosphere. Job exposure includes a small company atmosphere with challenging technical applications.

Carbonate reservoir experience is preferred. Access to advanced training is provided by the company. Competitive salary, retirement, and benefit package.

Please send resumes to aoc@artexoil.com or mail to:

Artex Oil Company
2163A State Route 821
Marietta, Ohio 45750.

There is still time for faculty and students to secure a paid summer internship for 2008. Apply today at www.ornl.gov/nrc.

The U.S. Nuclear Regulatory Commission Historically Black Colleges and Universities Research Participation Program

Description: The HBCU Research Participation Program introduces faculty, graduates, and undergraduates from HBCUs to the research and development activities of the federal government through research, education, and training activities. In addition, the program provides incentives for HBCU students to enter into and continue with science and engineering careers.

Discipline(s): computer science, engineering, earth or geosciences, health physics, materials science, mathematics, molecular/radiation biology, performance and risk assessments, physical sciences, statistics-relate

Eligibility: U.S. Citizens and Legal Permanent Residents. Undergraduate and graduate students from Historically Black Colleges and Universities; U.S. citizens or legal permanent residents

Location(s): laboratories where Nuclear Regulatory Commission research is being conducted; some appointments on Historically Black Colleges and Universities campuses; some appointments

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at host universities under the guidance of principal investigators who have Nuclear Regulatory Commission research grants

Duration: 10 to 12 weeks for summer appointments; some part-time appointments of one year

Benefits: weekly stipend of \$600 for undergraduates, \$700 for graduate students; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)

Funding source: Nuclear Regulatory Commission

How to apply: www.ornl.gov/nrc **Program Contact:** Alicia JoAnn Edwards Wells

Program Specialist, ORAU/ORISE Science Education Programs

P.O. Box 117, MS-36\Oak Ridge, TN 37831

Phone: 865-576-3409 Fax: 865-241-5220



JOHNS HOPKINS
UNIVERSITY

DEPARTMENT OF EARTH AND PLANETARY SCIENCES
TENURE-TRACK FACULTY POSITIONS

The Department of Earth and Planetary Sciences invites applications for two tenure-track appointments at the Assistant Professor level as the first stage of implementation of the Department's initiative in Global Change Science. The Department expects to fill multiple faculty positions over the next several years to develop an integrated, multidisciplinary research and teaching program on past, present, and future changes to Earth, with consideration including, but not limited to, climate, the land surface, the solid Earth, ecological systems, oceans and other water resources, and atmospheric chemistry.

The four focus areas of the initiative are: **(1) current and future global change, (2) past global change, (3) surficial and environmental processes, and (4) geobiology and global change.** The preference at this time will be for applicants whose research lies within or across areas (2)-(4). As examples, we encourage applicants:

- who develop and/or apply methods for decoding the archives of past global change and who develop theory for their interpretation;
- who conduct fieldwork and/or remote sensing to study physical processes at the Earth's surface and a quantitative assessment of their interaction with climate, tectonics, land use, and the biosphere;
- whose research involves the role of organisms in global change such as, for example, in biomineralization, weathering and soil formation, and biological oceanography. We are especially interested in applicants who use the laboratory methods of modern molecular biology and environmental genomics.

The initiative encourages collaboration with the Schools of Engineering, Medicine, and Public Health and with the Applied Physics Laboratory. Further information about the Department and other programs at Johns Hopkins may be found at www.jhu.edu/eps/.

Applicants should submit paper copies of a CV including publication list; a statement of research and teaching interests; and the names, addresses, and e-mail addresses of at least three referees to Kristen Gaines, Faculty Search Committee, Department of Earth and Planetary Sciences, Johns Hopkins University, 301 Olin Hall, 3400 N Charles St, Baltimore, MD 21218, USA. Review of applications will begin February 15, 2008, and continue until the positions are filled.

Johns Hopkins University is an Equal Opportunity, Affirmative Action employer; minorities, women, and individuals with disabilities are actively encouraged to apply.

***** **HAVE A TERRIFIC WEEKEND!** *****