

November 1, 2010

UPCOMING MEETINGS

Friday, November 5

- ATMS Curriculum Discussion Meeting, CIVL 4251, (11:30 a.m.)
- Leadership Committee, CIVL 2201, (2 p.m.)

EAS SEMINAR

Thursday, November 4, at 3:30 p.m. in CIVL 1252:

"The Atmospheric Water Budget Revealed With Water Isotopes: The Story of Mixing From Small to Large." David Noone, University of Colorado

Refreshments at 3 p.m. in CIVL 2201

For more information, see the EAS online [calendar](#).

THESIS DEFENSE

Friday, November 5, at 10 a.m. in CIVL 2201:

"Geodetic study of an active rifting event in Afar, Ethiopia." MS Defense for Laura Bennati; Advisor: Eric Calais

RECENT PRESENTATIONS

Nathan Hitchens gave an oral presentation on October 25 at the National Flood Workshop in Houston, Texas titled: "Characteristics of Sub-Diurnal Extreme Precipitation-Producing Systems."

AEG NEWS

Terry West led a group of EAS students to the monthly meeting in Chicago of the Association of Environmental and Engineering Geologists (AEG) on October 12, 2010. Richard Fisher, Nicholas Farney and Yinghui Sui accompanied Dr. West to the meeting of professional, applied geologists from the Chicago area. Mr. D'Arcy Gravelle, Vice President of the Key Environmental Group, Milwaukee, Wisconsin gave the talk, "The Challenges of Engineering Geology in Northern Minnesota: Don't Let Them Bog You Down." About 25 members were in attendance at the meeting and discussions indicated that the job market for entry level applied geologists is improving.

WELLNESS SCREENINGS AT JNSN B-5

Click [here](#) to see the openings available at JNSN for wellness screenings in the month of November.



GIS DAY AT UNIVERSITY OF NOTRE DAME

GIS Day is celebrated globally each year in the third week of November, during Geography Awareness Week. The University of Notre Dame's Center for Research Computing (CRC) is hosting a half-day GIS Day conference on Friday, November 19 from 11 a.m. to 5 p.m. at the Jordan Auditorium located in the Mendoza College of Business. [Read more...](#)

NSF WORKSHOP ON THE SCIENCE OF SCIENCE MEASUREMENT

At the link <http://www.nsf.gov/sbe/sosp/> you will find material on a workshop on the "Science of Science Measurement." The goal is to inform science policy practitioners about the management of scientific portfolios in a more scientific manner; the development performance and outcome metrics; and to use science to identify emerging trends in the U.S. scientific enterprise. Internet attendance is by registration for participation via webcast (http://www.nsf.gov/sbe/sosp/public_form.cfm).



Registration for the Fall Meeting is now open. [Read more...](#)

FROM THE EAS LIBRARY

Newest Books

Click [here](#) to see a list of new books in the EAS library in the last two weeks.

Last Call for Map Giveaway

Duplicate and superseded maps will be available for the taking until the end of the week. The map room is open M-F, 8 a.m. – 5 p.m.

POSTDOCTORAL POSITION AT MIAMI UNIVERSITY

Project: Organized convection and the atmospheric general circulation

Expectations: The successful applicant will work with PI, Brian Mapes, on a model with unified shallow and convection schemes, with a time-lagged variable representing mesoscale "organization" that helps manage the transition.

Please send a statement of interests and experience, along with a CV, to Brian Mapes (mapes@miami.edu <<mailto:mapes@miami.edu>>).

For more information go to: http://www.rsmas.miami.edu/users/bmapes/postdoc_ad.html.

A NOTE FROM OUR ACADEMIC COUNSELOR

Summer Internship Opportunity at the University of Delaware

This undergraduate summer research (REU) opportunity is at the College of Earth, Ocean, and Environment, University of Delaware. Supported by a grant from the National Science Foundation's Division of Ocean Sciences, this program supports ten undergraduate students to conduct research in marine science. The program will run for 10 weeks

(June 6 - August 12). More details at <http://www.ceoe.udel.edu/academics/undergraduate/summer/index.shtml>.

Interns will work with faculty and research staff in a graduate student atmosphere on a research topic in chemical, physical, or biological oceanography, marine biology, or marine geology. Last year's projects included rain and the ocean surface, climate change, etc. The application form and instructions for submitting supporting documents are available at <https://www.ceoe.udel.edu/academics/undergraduate/summer/summerInternApplication.aspx>.

Support includes a \$5,000 stipend, campus housing, and travel assistance and will take place at the University of Delaware's Hugh R. Sharp campus in the resort community of Lewes, located on the shores of the Delaware Bay and Atlantic Ocean near Cape Henlopen State Park. If you have questions, please contact Ana Dittel, REU Coordinator, (302) 645-4275 or at adittel@udel.edu. Applications from members of minority groups underrepresented in science are especially encouraged to apply.

Interviewing Preparation

Monday, **November 1**, 4:30 – 5:30 p.m. in REC 113. The CCO will present an Interviewing Workshop; practice and receive feedback on this important process for employment and other career steps.

Nancy

IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter will now be used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAS website at www.purdue.edu/eas/ and **Click on News** to access active links as needed. Material for inclusion in the newsletter should be submitted to Gina Richey (grichey@purdue.edu) by **Friday noon** of each week for inclusion in the Monday issue. **If it is in the newsletter, we assume you know about it and no other reminders are needed.**

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit <http://www.purdue.edu/eas/resources/it>.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at <http://calendar.science.purdue.edu/eas/seminars>.



BEYOND "CLIMATEGATE"

What Role for Science and
the Media in the Making
of Climate Policy?

Wednesday, November 3
7:30 PM

Ross-Ade Pavilion, The Shively Club
Purdue University, 850 Beering Drive
FREE AND OPEN TO THE PUBLIC



ROGER PIELKE, JR.
University of Colorado



ANDREW REVKIN
New York Times Dot Earth
& Pace University



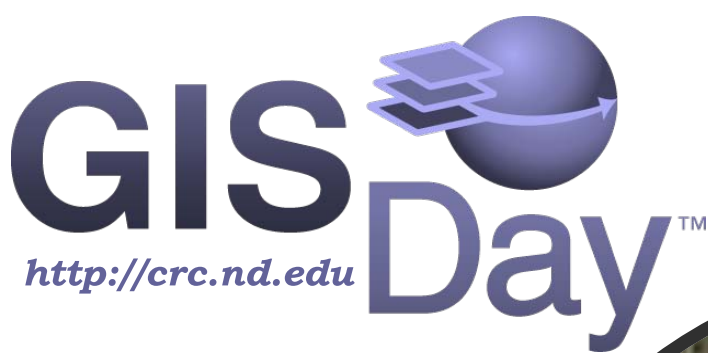
JUDITH CURRY
Georgia Institute of Technology

- Have scientists become 'too political' in their advocacy of particular climate change mitigation and adaptation policies?
- How has the media shaped the way that climate science is debated, disputed, and created?
- Moving forward, is there a better role for climate scientists in political and policy debates, and if so, what would it look like?

<http://www.purdue.edu/climate/beyondclimategate>

*Sponsored by the Purdue Climate Change Research Center and
the Global Policy Research Institute*



A large circular graphic containing a 3D map of a city with various colored overlays (green, yellow, red, blue) representing different data layers. The text "Friday, November 1, 1am - 5pm" and "University of Notre Dame" is overlaid on the map. Below the circle, the text "Jordan Auditorium Mendoza College of Business" is displayed in white.

Friday, November 1,
1am - 5pm
University of Notre Dame
Jordan Auditorium
Mendoza College
of Business

Geographic Information Systems (GIS) is used to visualize, question, analyze and understand features on the earth as digital, spatial data. Analysis of GIS data can reveal patterns and highlight spatial connections and correlations not readily apparent.

GIS Day at Notre Dame will bring together academics, researchers, government agencies and businesses with the goal of building a community of interest around the display and manipulation of geospatial data.

Come join us.

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

EARTH AND PLANETARY SCIENCES

POSTDOCTORAL SCHOLAR

The [Department of Earth and Planetary Sciences](#) at the University of California, Santa Cruz (UCSC), invites applications for the position of Postdoctoral Scholar to investigate early Cenozoic climate variability as recorded by marine microfossils. High-resolution (orbital scale) stable isotope and other records will be constructed to assess climate and carbon cycle variability (and coupling) during the late Paleocene and early Eocene. The successful candidate will be expected to interact with a multi-institutional research team that includes cycle stratigraphers, micropaleontologists, geochemists, and modelers.

RANK: Postdoctoral Scholar (1 position available)

SALARY: \$38,088 – \$40,776 annually, commensurate with qualifications and experience.

MINIMUM QUALIFICATIONS: A Ph.D. or equivalent in Earth or Ocean Sciences or related field, and experience with stable isotope (gas source mass spectrometers) and/or trace element analytical techniques as applied to marine microfossils.

PREFERRED QUALIFICATIONS: Experience collecting and analyzing microfossils from pelagic sediment cores. Experience with time series statistical analysis a plus. Ability to work independently and as part of a team; strong communication and interpersonal skills.

TERM OF APPOINTMENT: Initial appointment is for one year, with the possibility of extension. Should hiring unit propose reappointment, a review to assess performance will be conducted. In addition, reappointment is contingent upon availability of funding.

POSITION AVAILABLE: Current opening

TO APPLY: *Electronic submissions are preferred.* Applicants should send: 1) Curriculum Vitae, 2) a one-page statement of research interests, and 3) contact information for three references to jzachos@ucsc.edu. You will receive email verification that your electronic submission has been received; please inquire if you do not receive verification.

Alternatively, mail submissions may be sent to:

James Zachos
Department of Earth and Planetary Sciences
University of California
1156 High Street
Santa Cruz, CA 95064 U.S.A.

Please refer to Eocene Postdoc in your reply.

CLOSING DATE: Position is open until filled. For full consideration, applications must be received by November 30, 2010.

For more information please contact James Zachos (jzachos@ucsc.edu; 831-459-4644).

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.

Inquiries regarding the University's equal employment opportunity policies may be directed to: Equal Employment Opportunity/Affirmative Action Office at the University of California, Santa Cruz, CA 95064; (831) 459-2686. Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available [here](#) or from the Academic Personnel Office at (831) 459-4300.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-4300. This position description is available in alternate formats, which may be requested from Academic Personnel at (831) 459-4300.

Graduate Student International Travel Awards

Deadline: December 1, 2010

~ two or three awards ranging from \$600 to \$800
for international travel*~

Prerequisites:

- must be a full-time PhD student
- must be making an oral or poster presentation at an international conference

Priority will be given to:

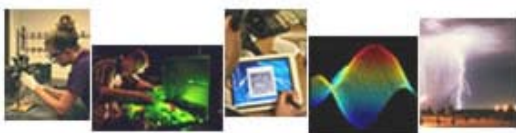
- travel to make an oral presentation at a conference
- attendance at an interdisciplinary conference
- students who have passed their prelims

To apply, please send electronically as one file**:

- CV (2 page limit)
- brief summary of research (1 page limit)
- brief statement of purpose for attending conference specifying whether your presentation is oral or poster
- provide web link to conference
- with a letter of support from research advisor as a separate electronic document

*for travel between January 1 2011 and June 30 2011

**send to dmize@purdue.edu



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