

September 24, 2007

THE HEAD'S PERSPECTIVE

EAS Outstanding Alumni Awards for 2007-08

The Department of Earth and Atmospheric Sciences Outstanding Alumni Awardees for 2007-08 are Mr. Frank Kornegay and Dr. Ralph von Frese. Frank Kornegay received BS (1973) and MS (1975) degrees from Purdue in Atmospheric Science and is currently the Operations Manager of the Spallation Neutron Source at the Oak Ridge National Laboratory. Ralph von Frese received an MS degree in Physics and Geosciences (1978) and a PhD in Geophysics (1980) from Purdue and is currently a Professor in the Division of Earth & Planetary Sciences of the School of Earth Sciences at The Ohio State University. A reception for our awardees, seminars presented by Mr. Kornegay and Dr. von Frese, and presentations of their EAS Outstanding Alumni Awards will take place on Friday, October 5, 2007 at 3 p.m. in CIVL 1252. More information will be distributed later. We encourage you to attend the reception and seminars and honor our 2007-08 Outstanding Alums!

EAS PROFESSIONAL SOCIETY EVENTS 2007-08

September 23-28, 2007

Society of Exploration Geophysicists (SEG)
Marriott San Antonio Rivercenter
San Antonio, Texas
Alumni Reception: Monday, September 24 at
7:00-9:00 p.m. in Conference Room 8

October 28-31, 2007

The Geological Society of America (GSA)
Hyatt Regency at Colorado Convention Center
Denver, Colorado
Alumni Reception: Monday, October 29 at 7:00-
9:30 p.m. in Quartz Room A Level 3

December 10-14, 2007

American Geophysical Union (AGU)
Moscone Center
San Francisco, California

January 20-24, 2008

American Meteorological Society (AMS)
New Orleans Convention Center
New Orleans, Louisiana
Alumni Reception: Tuesday, January 22, 7:00-
9:00 p.m. (details pending)

UPCOMING MEETING

Monday, October 1

- EAS Faculty Meeting, CIVL 3201 (11:30 a.m.)
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SEMINAR ANNOUNCEMENT

Thursday, September 27, at 3:30 p.m. in CIVL 1252:
"Lessons from Earth to Mars: Using Terrestrial
Analogues to Understand the Red Planet." Prof.
Marjorie Chan, University of Utah

Refreshments at 3 p.m. in CIVL 2201

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

RECENT PRESENTATIONS

Professor Jeff Trapp presented: "Severe thunderstorm environments under anthropogenic climate change" during the 4th European Conference on Severe Storms, held 10-14 September 2007 at the International Centre for Theoretical Physics, in Trieste, Italy.

Larry Braile was a convener of the NSF/NAGT sponsored workshop "Teaching Geophysics in the 21st Century" held at Jackson, Wyoming, August 11-15, 2007 and made the following presentations:

Vibroseis Correlation – An Example of Digital Signal Processing

Using the Seismic-Eruption Software in Geoscience Classes

Earthquake Location – Guide for Teaching in Geophysics and Introductory Geoscience Courses

EARTH & SKY RADIO SERIES

Professor Matt Huber was invited to participate in the Earth & Sky Radio Series. The program will be heard beginning this week - and over the coming couple of months - some eight million times by radio listeners around the world, on Earth & Sky's independent network of 1,600 radio outlets. The recorded script follows:

JB: Scientists at Purdue University have new evidence that tropical cyclones - which can become Atlantic hurricanes - cause strong feedbacks between Earth's oceans and atmosphere.

DB: In other words, ocean temperatures may affect the intensity of tropical cyclones and hurricanes, which in turn affect ocean temperatures and circulation. This result supports an earlier, controversial study suggesting that global warming will cause stronger hurricanes. Earth & Sky spoke to Matthew Huber of Purdue - co-author of the tropical cyclone study.

Matthew Huber: What we've shown is that, over the past 20 years, warmer temperatures have been associated with more tropical cyclone activity on timescales of more than a couple of years, we would expect that tropical cyclones would become, on average, more intense, or they would become more frequent, or they would last longer.

JB: Huber said that - because cyclone activity is so intimately linked to climate - part of what will happen to future climate depends on how tropical cyclones and hurricanes behave. That's important to computer models that try to predict future warming. Curiously, he also noted that cold water brought to the surface by cyclone activity helps cool Earth's atmosphere. But he said:

Matthew Huber: All of us, I think, like the idea of a thermostat that helps keep temperatures from getting too warm, but none of us really likes to think of that thermostat as being hurricanes.

JB: A dangerous thermostat indeed. We're Block and Byrd for Earth & Sky, a clear voice for science.

Author: Jeremy Schere, Bevelry Tomov, Deborah Byrd

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Study:

<http://www.nature.com/nature/journal/v447/n7144/abs/nature05785.html;jsessionid=D2EA5D989420EC7013CEA75933E127BB>

CHEVRON INTERVIEWS

On October 11, Philip Richardson with Chevron will be on campus interviewing M.S. and Ph.D. students in geology and geophysics. Send your resume (in Word or PDF) and transcripts (unofficial) to philiprichardson@chevron.com by October 1 (really ASAP). You will also need to enter this information in their online database (you will receive the login info after Philip has received your resume). See Kathy Kincade in CIVL 2169D for sign-up sheet.

Also, on Wednesday, October 10, at 4 p.m. in CIVL 3201, Philip will present an overview of Chevron. All interested faculty and students are invited to attend.

END OF SEMESTER DEADLINES

October 12, 2007 – last day for students who registered for exam/degree only for the Fall 2007 session to submit to the Graduate School a positive report of the final examination and a thesis receipt form.

December 1, 2007 – last day for degree candidates to pass their final examinations.

December 3, 2007 – signed candidate audit/certification forms should be returned back to the Graduate School as soon as possible, but no later than this date.

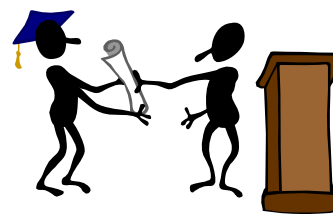
December 3, 2007 – final examination report forms must be received for all graduating students by the Graduate School, Room 170, Young Hall (YONG). Students for whom a final report form is not received will not be able to graduate in December.

December 7, 2007 – Ph.D. candidates must submit their dissertation via Electronic Thesis Deposit (ETD). Ph.D. candidates must also turn in all required forms at their mandatory, scheduled, final deposit appointment in the Thesis/Dissertation Office, Room 170, Young Hall (YONG).

December 7, 2007 – Master's candidates must deposit one bound copy of their thesis at their mandatory, scheduled, final deposit appointment in the Thesis/Dissertation Office, Room 170, Young Hall (YONG).

Master's and Ph.D. candidates with "Confidential" theses/dissertations must also submit their departmental copies to the Graduate School. Deposit appointments can be made by calling 765-494-2600, or email gradinfo@purdue.edu.

Graduation deadline dates are located on the web at: <http://www.gradschool.purdue.edu/calendar>.



PAID INTERNSHIP

To see the announcement for a paid semester or summer internship in the Chamber of Commerce for undergraduate and graduate students (no citizenship restriction), go to <http://www.uschamber.com/careers/internships/default>.

GIS DAY 2007

GIS Day is November 14 of this year and Purdue Libraries would like to invite anybody from the Purdue or greater Lafayette community who does GIS or digital mapping work to present a poster or erect a booth at the event. A poster/booth session will be held from 11 am to 12 pm on the 14th in Purdue Memorial Union's East Faculty Lounge and we would like the event to introduce the work of Purdue and community practitioners of GIS to one another in order to foster a more thorough understanding of where and how GIS is at work in and around Purdue.

Any faculty, students, or staff interested in bringing a poster or booth that will illustrate their use of GIS – *however simple or advanced* – is encouraged to contact Chris Miller, GIS Librarian at ccmiller@purdue.edu (or in 2215e, EAS Library). Easels and tables will be provided, but we request an RSVP for posters and booth reservations by November 9, 2007.

EQUAL ACCESS/EQUAL OPPORTUNITY BRIEFINGS

There is an expectation that all faculty, staff, and graduate students attend one of the EA/EO Briefings offered by the Affirmative Action Office.

Check the website below for further information. Once on the site, there will be two links, one for faculty/staff and the other for students.

<http://www.purdue.edu/humanrel/aa/EqualAccessEqualOpportunityBriefing.shtml>

For your specific site, there will be a listing of several session dates and times. For graduate students, the College of Science has set up specific dates to attend, but you may attend any session. You will be asked to click on a link at the bottom of the list to register for an EA/EO Briefing session. You will then be asked to submit your first and second choice of session times. A registration confirmation will then be sent to you via email.

Note: If you attended the August 13 briefing that was held in CIVL, you do not need to attend another session.

A NOTE FROM OUR ACADEMIC COUNSELOR Boiler Volunteer Network

BVN runs a number of successful campus-wide events and is looking for new volunteers. A wide variety of volunteer and community service opportunities are available including animal, environmental, and education opportunities. See <http://www.purdue.edu/odos/sao/bvn/> for more information.

Student volunteers are needed to staff the Children's Activities at Homecoming. The Activities area will have two inflatables from Big Bounce, face painting, a balloon artist, the Spirited Kids contest and a variety of other small, game activities. Activities are open from 9:00-11:00 on Saturday morning, October 27. Please contact Wendi Ailor at wailor@purdue.edu or 494-7890 to volunteer.

MentorNet

MentorNet's One-on-One Mentoring Programs focus on matching women and underrepresented minorities with female or male professionals from all sectors as mentors for one-on-one, email-based mentoring (e-mentoring) relationships. MentorNet mentees are in the engineering and science fields and are community college, undergraduate, and graduate students, postdocs, and untenured faculty. For more information or to join MentorNet Community go to <http://www.mentornet.net/join> and sign into the Community and follow the One-on-One Mentoring Programs links to create a protégé (mentee) profile.

NASA Internships - Spring Session

NASA-USRP offers undergraduate students across the United States internships at NASA centers under the supervision of technical mentors. This prestigious program seeks rising sophomore, junior, and senior students in the disciplines of engineering, math, computer science and life/physical sciences. Students may apply for a 10-week summer session or a 15-week spring or fall session. NASA-USRP provides students with hands-on, real-life research experiences that challenge, inspire and bring practical application to complement the students' academic education. Stipends are \$6,000 for the summer session and \$9,000 for fall and spring, plus a round-trip travel allowance. Visit <http://www.education.nasa.gov/usrp> for more details. Application deadlines are: Spring: October 22, 2007; Summer: January 31, 2008; Fall: February 29, 2008.

Agricultural Career Fair

This career fair will be held Tuesday, October 2 in PMU Ballrooms from 9:30 a.m. - 3:30 p.m.. More information at: <http://www.agriculture.purdue.edu/oap/careerdayemployers.asp>.

Nancy



Office of the Provost

ACADEMIC LEADERSHIP FORUM
Fall 2007

Presenting:
President France Córdova
As guest speaker

Wednesday, September 26, 2007
3:30 - 5:00
East and West Faculty Lounges
Purdue Memorial Union

Please save these dates for future forums

October 9, 2007 – Tenure and Promotion
November 29, 2007 – Assessment
January 30, 2008 – Engagement
February 27, 2008 – Research Issues
March 19, 2008 – Student Issues

