

November 21, 2011

UPCOMING MEETINGS

Monday, November 21 **TODAY******

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

Tuesday, November 22

- Computing Committee, CIVL 2201 (1 p.m.)

EAS SEMINAR

Thursday, December 1, at 3:30 p.m. in CIVL 1252:

(Title TBA) Courtney Creamer, Graduate Student,
EAS, Purdue University

Refreshments at 3 p.m. in CIVL 2201

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

OUR RECENT PUBLICATIONS

Chesson L. A., Valenzuela L. O., **Bowen G. J.**,
Cerling T. E. and Ehleringer J. R. (2011)
Consistent predictable patterns in the hydrogen
and oxygen isotope ratios of animal proteins
consumed by humans in the USA. *Rapid
Communications in Mass Spectrometry*, 25,
3713-3722. doi:10.1002/rcm.5283.

RECENT PRESENTATIONS

On November 17, Gabe Bowen gave an invited
lecture at the Southern Illinois University Department
of Geology entitled, "Carbon and water cycle
feedbacks during the Paleocene-Eocene thermal
maximum".

DOE APPOINTMENT

Professor Laura J. Pyrak-Nolte has been appointed
to the Earth Sciences Council at the Department of
Energy.

SLOAN GRAD STUDENTS WIN MAJOR AWARDS AT 2011 AISES NATIONAL CONFERENCE

Congratulations to EAS student Darryl Reano
(Acoma Pueblo) and Raelynn Butler (Muscogee
Creek) for winning awards at the 2011 AISES
(American Indian Science and Engineering Society)
National Conference in Minneapolis, Minnesota.

Darryl took first place in the Graduate Student
Poster Presentation with his presentation,
"Integration of Science and Cultural Values." He is

currently pursuing his masters in Earth and
Atmospheric Sciences.

Raelynn took first place in the Graduate Student
Oral Presentation with her presentation, "Weed
Suppression in Organic Tomato Production with
Cover Crops." She is currently pursuing her masters
in Botany and Plant Pathology.

Both students did an excellent job in their
presentations and were outstanding ambassadors
for their respective departments, the Sloan
Indigenous Graduate Program, Purdue AISES
Student Chapter and the Native American
community at Purdue.

AMERICAN GEOSCIENCES INSTITUTE'S 2011-12 MINORITY SCHOLARSHIP AWARD WINNER

Congratulations to Tenille Medley, EAS Graduate
Student, who has been awarded the American
Geosciences Institute's 2011-12 Minority
Scholarship. Tenille is studying 3-D wave
propagation in Evansville, Indiana, simulating
sources coming from the New Madrid fault zone.
Her advisor is Jennifer Haase. Tenille earned a BS
in Electrical and Computer Engineering from the
University of Illinois at Chicago, and a MS in
Electrical and Computer Engineering from Purdue.
She currently holds an assistantship with NEES.

TEAM WEATHER FORECASTING

Prof. Mike Baldwin extends an invitation to join the
atmospheric science seniors in their EAS 391 Team
Forecasting class. Please stop by CIVL 4173 (the
Purdue Weather Lab) on Mondays, Wednesdays,
and Fridays from 1:00 to 1:20 p.m. this fall semester.
The students, using advanced computer hardware
and data analysis tools, prepare weather information
related to conditions across Indiana and the world.
The students lead team weather briefings that are
open to all interested faculty, staff, and students.

A MESSAGE FROM PRESIDENT CORDOVA

To all employees of Purdue University

The sad news out of Penn State over the past two
weeks has brought a renewed national focus on
child abuse. With this in mind, I convened a meeting
this week with my senior officers to evaluate Purdue

policies, practices and training for recognizing and reporting abuse.

At Purdue, we are committed to the safety of those who study and work at our University, as well as those who visit. Each of us has the responsibility to do what is right to keep our University safe.

Under Indiana Law, we all have an obligation to report child abuse or neglect. If you are a witness to questionable activity, you must act immediately.

- If it is an emergency, call 911.
- If it is not an emergency, alert a senior staff member and call Purdue Police at 765-494-8221 or Child Protective Services at 800-800-5556.
- Purdue also offers a Whistleblower hotline (www.purdue.edu/hotline/ or 866-818-2620), where any potential criminal activity can be reported anonymously.

Thank you for your part in helping to keep our campuses safe.

Sincerely,
France A. Córdova
President

FACULTY FELLOWSHIPS FOR STUDY IN A SECOND DISCIPLINE

This year's deadline for **Faculty Fellowships for Study in a Second Discipline** is **December 9, 2011**. These awards offer faculty members an opportunity to extend their scholarship through study in a new but related discipline or area of study. This program was established to promote interdisciplinary teaching and research. Those interested are encouraged to apply by completing an application which can be found at <https://sp2010.itap.purdue.edu/provost/fssd/default.aspx> (log in with "onepurdue"/career account name and then your password). Alternate form: http://www.purdue.edu/provost/forms/faculty_fellowship.html. Awards will be made for one semester or an academic year beginning August 2012 or January 2013. If you have any questions, please contact Vice Provost Beverly Davenport Sypher (bdsypher@purdue.edu).

If you experience difficulty logging in, please feel free to contact Krista Kelley (kokelley@purdue.edu) or your technical support staff.

ADDITIONAL PRF INTERNATIONAL TRAVEL GRANTS FOR TRAVEL BEFORE JUNE 30, 2012

**Due to Suzanne by
Wednesday, November 30, 2011**

The purpose of the International Travel Grant Program is to assist Purdue faculty members in scholarly attainment by providing a portion of the travel costs for **tenured, tenure-track, or research faculty who will play an active role (presenting papers or serving as officials) at recognized international meetings**. The awards provide \$1,000 to defray any/all approved travel expenses up to the award limit. [Read more...](#)

KENTUCKY DOW GEOLOGIST POSITION OPEN

The Kentucky Division of Water currently has a Geologist-Registered position open within the Certified Drillers Program in the Groundwater Section. Interested parties can contact David Jackson (Supervisor) at (502)564-3410, ext 4926 or via email at DavidA.Jackson@ky.gov.

General details about the position can be found at the Kentucky Personnel Cabinet website: <http://personnel.ky.gov/employment/>

W. M. KECK FOUNDATION

The W. M. Keck Foundation's Medical Research Program and Science & Engineering Program seek to support high-risk/high-impact projects that are distinctive and novel in their approach to intractable problems, push the edge of their field, or question the prevailing paradigm. Eligible projects fall outside the mission of public funding agencies. Grants range from \$500,000 to \$1 million. [Read more...](#)

A NOTE FROM OUR ACADEMIC COUNSELOR

Roadtrip Nation

Roadtrip Nation is offering an Innovation Green RV Roadtrip for students who are interested in science (and technology, engineering, and math) to hit the road and learn more about these areas by speaking with innovative leaders in these fields. You can apply as an individual or a team of three; you will help plan and book the interviews, and filmmakers will record the experience. If you would like to apply, please let me know--the College of Science wants to know who applies!
<http://roadtripnation.com/innovation/>

Leadership

Chairman of the Board, President and CEO of Procter and Gamble, Bob McDonald, will be on campus Monday, **November 28**, to speak on Values-Based Leadership. The event will take place in Fowler Hall from 3:30-4:30 and is in partnership with the Purdue Discovery Lecture Series funded by the Lilly Endowment.

Green Energy and Entrepreneurship-Global

If you are interested in a Purdue course that is online and is about Green Energy and Entrepreneurship, please email me (nstewart@purdue.edu) for the details.

November 23-27 – Thanksgiving Break

Have a Great Break!

Nancy

HAPPY BIRTHDAY!!!

Jim Ogg – November 25

Paul Shepson – November 29



NEWSLETTER SCHEDULE

Due to the Thanksgiving holiday, there will be no EAS newsletter on Monday, November 28th. The next issue is planned for Monday, December 5th.

Happy Thanksgiving!



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/info_tech/index.php.

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>.



Addressing National Security Challenges of the Twenty-First Century: The Role of the U.S. National Laboratories

DISCOVERY LECTURE SERIES
PURDUE UNIVERSITY



Dr. Paul Hommert

*President and Laboratories Director
Sandia National Laboratories*

November 30th
Free and Open to the Public

9am - 10:30am
Krannert Auditorium

Dr. Paul Hommert is the director of Sandia National Laboratories and president of Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, which operates Sandia for the U.S. Department of Energy's National Nuclear Security Administration. Sandia has principal sites in Albuquerque, N.M., and Livermore, Calif., an annual budget of \$2.4 billion, and approximately 9,100 employees.

Dr. Hommert began his career with Sandia in 1976 and progressed from technical staff to holding positions of increased responsibility in a broad range of programs and management assignments. He initially led programs supporting energy research, and from the mid to late 1990s, he was director of engineering sciences.

From 2000 to 2003, Dr. Hommert was the director of Research and Applied Science at the Atomic Weapons Establishment in the United Kingdom, where he led the science and engineering organization responsible for the United Kingdom's nuclear deterrent.

From 2003 to 2006, Dr. Hommert led the Applied Physics Division at Los Alamos National Laboratory. The division was responsible for nuclear weapon design and assessment, weapon performance code development, and weapon science support.

In 2006, Dr. Hommert returned to Sandia to become vice president of Sandia's California site, a position he held until 2009. In 2009, Dr. Hommert moved to Sandia's main site in Albuquerque to become executive vice president and deputy Laboratories director for the Nuclear Weapons Program. In July 2010, Dr. Hommert became the director of Sandia National Laboratories and president of Sandia Corporation.

Dr. Hommert earned a BS degree cum laude in mechanical engineering from Rensselaer Polytechnic Institute and MS and PhD degrees in mechanical engineering from Purdue University. He received an Outstanding Alumnus Award for Professional Excellence in 2003 from Purdue's School of Mechanical Engineering and a Distinguished Engineering Alumni Award in 2010 from Purdue's College of Engineering.

Sandia National Laboratories is a multi-program laboratory managed and operated by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-AC04-04-OR21400. SAND2010-2573P

For Additional Information

Visit <http://www.purdue.edu/discoverypark/dis/>
Contact Cindy Ream at cream@purdue.edu
765-494-0025



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Boiler UP

PURDUE RECEPTION at the AGU Fall Meeting

Please join us for the 4th annual Purdue Reception at the Thirsty Bear Restaurant. Come renew old acquaintances, make some new ones, and let's toast Paul Shepson, Purdue's newly elected AGU Fellow.

Date: Wednesday, December 7, 2011

Time: 7:00 p.m. - 9:00 p.m.

Place: Thirsty Bear Restaurant

661 Howard Street, San Francisco, CA

This event is co-sponsored by the Department of Earth & Atmospheric Sciences and the Purdue Climate Change Research Center. For more information, contact Rose Filley (rfilley@purdue.edu; 765-479-7540).

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