EAPS SEMINAR

Thursday, 2/7, 3:30 pm, HAMP 1252
Jacqueline A. Smith, The College of Saint Rose, “Glacial Records from the Peruvian Andes Suggest Similar Climate Forcings but Different Local Influences
Refreshments, 3:00-3:30, HAMP 2201

GRAD EXPO - HAMP 2201
Friday, 2/8, 8:00am - 5:00 pm
Saturday, 2/9, 8:00 am – 4:00 pm

EAPS PRESENTATIONS & PUBLICATIONS

Alex Gluhovsky gave an invited talk “Drawing reliable statistical inference from atmospheric and climate data” at EPFL (Lausanne, Switzerland) on Jan. 21st.


Jon Harbor, “Grant Writing”, Presentation with Sally Bond for Faculty Advancement, Success and Tenure (FAST), Purdue Center for Faculty Success, Jan 29th.

Angel Torres-Valcarcel, EAPS PhD candidate, offered a presentation, “Environmental Sustainability” to students from Conchita Cuevas High School at Gurabo, Puerto Rico, Jan.31st.


EAPS GSA DONATION DRIVE FOR VETERANS

Recognizing that gratitude for our veterans goes beyond one day of the year, the EAPS Graduate Student Association has proposed to set up a donation drive from Feb. 1 to March 1 to collect items for these facilities. Items will be collected in the EAPS main office. A Doodle poll (http://doodle.com/3azbg9t8pyg7f55h) has been made to list and roughly coordinate items being donated. Daniel Moser, Cloud Microphysics Group, Moser13@purdue.edu
(See attached letter for more details)

NEWS FROM EAPS LIBRARY

The Electronic Journals page has been resurrected by request. It is located at http://guides.lib.purdue.edu/eapsjournals.
If you are looking for a specific journal that is not on the list, please contact Megan at msn@purdue.edu

CAMPUS NEWS

DISCOVERY PARK NanoDays
Educational Activities about Nanoscale Science and Engineering for students in Grades K-12
Volunteer at www.nano.purdue.edu/nanodays
(See attached flyer)

~ ~ ~ ~ ~

Discovery Learning Research Center
Advancing Research to Transform Education Showcase & Symposium
Feb. 26, 11:30 am – 3:00 pm
Hall for Discovery Learning & Research, Room 131
The DLRC invites you to join us for an afternoon of information and conversation. The objective of the DLRC Showcase & Symposium is to highlight the mission of the center and to help you better understand how the DLRC can partner with you to enhance your STEM research and proposals. We look forward to seeing you!

Tentative Schedule
11:30 am – Lunch & Keynote
1:00 pm - Program with DLRC Overview Projects
2:00 pm - Afternoon Reception & Poster Session
Additional details and registration for this free event available at www.purdue.edu/dp/dlc.
Please contact Laura Warner at learningcenter@purdue.edu or 494-4555 with questions.

NASA Langley Research Center
The Langley Aerospace Research Student Scholars (LARSS) Research Internship Program

The NASA LARSS internship program is a paid (stipend) research experience open to U.S. citizens who are full-time undergraduate (juniors and seniors) and graduate students. http://www.nianet.org/larss
(See the attached flyer for details)
COLLEGE OF SCIENCE NEWS

SCIENCE IT HELP DESK NUMBER – 49-44488

This number rings on all of the IT desks supporting you in an effort to allow the option of picking up the phone for support rather than submitting a ticket via email.

Currently, we have 5 IT professionals along with a number of student workers in areas where this number will ring. It is my hope that you will always be able to get to talk to a person via phone when you need assistance. We will have someone available to answer the phone from 8am – 5pm M-F.

Depending on the staffing at the time of your call, we may be able to assist you on the spot, or we will submit a ticket for you and get someone to you as soon as possible. Hopefully this will eliminate the need for you to ‘go find someone’ for assistance when your machine won’t work.

The email addresses that you have used in the past will continue to work, both sciencehelp@purdue.edu and eaps-help@purdue.edu (eas-help@purdue.edu will also still work).

As a helpful reminder, I have magnets with the number and our email address that I will leave with each department area for your reference.

I look forward to working with all of you and please, don’t hesitate to let me know if you have questions or concerns.

Suzanne Judy, Director of Admin Computing

Office of Interdisciplinary Graduate Programs (OIGP) Reception and Celebration

Faculty and students are invited to join the Office of Interdisciplinary Graduate Programs (OIGP) for a reception in celebration of interdisciplinary graduate student research on Monday, April 1, 2013. For details, please visit: https://www.gradschool.purdue.edu/whatsnew/OIGP.pdf. Poster and Award Application information for students can be found at: https://www.gradschool.purdue.edu/oigp/calendar/reception.cfm.

GRADS AND POST-DOCS’ NEWS

2013 Western Ag Innovations Inc. Research Award Competition

Applications will be accepted from Jan. 23-Feb. 20, 2013 www.westernag.ca/innov/award/ (See attached flyer for details)

4th Annual MIDWEST GRADUATE RESEARCH SYMPOSIUM

The University of Toledo, Saturday, April 20, 2013, 8:00 am – 7:30 pm. (See attached flyer for details)

OVPR Funding Resources

Pivot E-mail Alerts, set up individually by faculty members, are Purdue’s primary resource for timely funding information in all disciplines.

- The OVPR website includes a link entitled Funding Resources. This link includes sections containing Internal and External Funding Resources. Additionally, there is a link for Search Tools and Alerts. Those who would like assistance in setting up their Pivot E-mail funding alerts may want to take advantage of our tutorial, which may be found on the Search Tools and Alerts link.


- Another resource for corporate and foundation funding opportunities is the University Development Office. UDO lists funding opportunities here.

Contact Sue Grimes (sgrimes@purdue.edu), Kristyn Jewell (kristynj@purdue.edu), or Perry Kirkham (pkirkham@purdue.edu) with any questions or comments.

A NOTE FROM OUR ACADEMIC COUNSELOR

Purdue Engineering Student Council Expo & Career Fair Monday, February 4 (company seminars) and Tuesday, February 5 (career fair).

Visit www.purdueesc.org to search for companies, schedules, locations, and other information. EAPS majors are listed!

Student Trainee Summer Internship

USDA-ARS-Midwest Area has a vacancy announcement for Summer Interns. Application closes February 8. Students will have to pick the site where they want to work; they estimate about 5 students will be hired from West Lafayette for the summer: https://www.usajobs.gov/GetViewDetails/336568100

Writing Lab Employment

Undergraduate students in any major who are interested in working as consultants in the Writing Lab must apply to take one of two training courses before being considered for employment. Application materials and course information can be found here: http://owl.english.purdue.edu/writinglab/undergradopportunities.

Students interested in tutoring students in first year composition courses (English 106 or 108) must take English 390A. Students interested in tutoring business, technical, and professional writing documents must take English 390B. The deadline for all application materials is 6:00 pm on Wednesday, February 20, 2013. Please contact Tammy Conard-Salvo if you have any questions about either course.
Volunteer for the Oral English Proficiency Program
Help graduate students who grew up speaking a language other than English prepare to be classroom instructors at Purdue. You can listen during a teaching presentation, participate in a mock question and answer session, fill out a brief written evaluation on what was good and where improvements are still needed, and have a voice in the preparation of your future teaching assistants. Time is about 1 hour. Undergraduates from all academic areas and language backgrounds are welcome! To sign up or for more information, including how you can earn a Certificate of Appreciation, visit www.purdue.edu/oepp

Master of Science in Patent Law
Use your science or engineering degree in a non-traditional way. The University of Notre Dame’s Master of Science in Patent Law program will teach you the fundamentals of patent law coupled with real-life experience. You’ll be working with real inventions from the Notre Dame faculty and preparing a fileable patent application as your capstone project. Students have the invaluable benefit of guest lecturers who are working in the field – as patent agents in law firms and tech companies and practicing intellectual property lawyers. In just one year, you’ll have the knowledge and hands-on practical experience needed to succeed as a patent agent. Learn more about Notre Dame’s Master of Science in Patent Law Program at patentlaw.nd.edu, contact us for more information, or apply now for fall 2013.

LearnLab Summer Research Experience for Undergraduates at Carnegie Mellon & the University of Pittsburgh
LearnLab at Carnegie Mellon and the University of Pittsburgh has an exciting summer research opportunity available to undergraduate students. This research program encourages applications from students who would like to conduct research in the fields of psychology, education, computer science, human-computer interfaces and language technologies. Each student will receive a fellowship stipend of $4000 for the eight-week REU program. Food, housing and travel will also be provided. Students will conduct research in an area matched to the interests expressed in the student's application. Guidance and supervision of the research project will be provided by the faculty member as well as, in some cases, a postdoctoral fellow and/or advanced graduate student.

REU Program Dates: Students will begin their research experience on Sunday, June 2, 2013 with a welcoming reception and information session. The REU program will end on Friday July 26, 2013 with a poster session in the afternoon. Submission of an application indicates that the applicant agrees to be present from June 2 to 4pm, July 26, 2013 inclusive.

Deadline for applications* is February 15, 2013. Students will be informed of our decision by March 1, 2013. Program/Research website: www.learnlab.org

Minimum Requirements: Students should have a minimum of 3.5 GPA out of 4.0 although we will consider students who show by other measures that they are exceptional and who have GPAs over 3.2. Class standing and grades in specific subjects that are close to the field of research will also be considered, as are recommendations.

*Download: If interested in applying, please email nstewart@purdue.edu for the application and address to submit.

February Birthdays
Mike Baldwin – 7th
Andrei Gabrielov – 14th
Yuch-Ning Shieh – 15th
Terry Wade – 28th
IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter is 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 EAPS 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 Wanitta Thompson (thompsonw@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 EAPS 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.
Donation Drive for Veterans

The Richard L. Roudebush VA Medical Center is a full-time hospital that provides healthcare services to veterans eligible for VA health care benefits, including services such as primary care, extended care, suicide prevention, homelessness prevention, and mental health care. Although funded by tax dollars, the hospital also relies on the generosity of volunteers and donors to help veterans have an enjoyable stay. The Veterans House is subsidiary facility made possible by a grant from the Lilly Endowment and donations. Providing extended outpatient care to veterans, the Veterans House relies heavily on donations and volunteers to continue its operation. Both the Veterans House and VAMC request donations for certain items that will go a long way to help our veterans.

Recognizing that gratitude for our veterans goes beyond one day of the year, the EAPS Graduate Student Association has proposed to set up a donation drive from Feb. 1 to March 1 to collect items for these facilities. Items will be collected in the EAPS main office. A Doodle poll (http://doodle.com/3azbg9t8pyg7f55h) has been made to list and roughly coordinate items being donated. For example, a few of the items requested are:

- Umbrellas
- Paperback books
- Board and card games
- DVDs or BluRays (no rated R)
- Coffee
- Shampoo
- Toothbrushes and toothpaste
- Deodorant
- Shirts, pants, socks, shoes
- Magazines (no less than 3 months old)

New items, not secondhand, are desired unless the secondhand item itself is in good shape. We hope to have 100 items donated with participation from as many possible within the department, including grads, undergrads, and faculty. While our goal is ambitious, the kindness from everyone will make our drive flourish. We believe this is an excellent opportunity to make a tangible difference in the everyday lives of our veterans and once again demonstrate our department’s ability to reach out towards the community.

Thank you for your time,

Daniel Moser
Cloud Microphysics Group
Room 4259
moser13@purdue.edu
Purdue University
Discovery Park
April 25-26, 2013
9 a.m. - 3 p.m.

Engage future nanoscientists!

NanoDays™

Educational Activities About Nanoscale Science and Engineering For Students in Grades K-12

Volunteer today at the website below.
nano.purdue.edu/nanodays

The first 100 volunteers to participate in NanoDays will receive a free t-shirt!
The NASA Langley Research Center (Hampton, VA) offers paid, year-round (3 sessions), highly competitive research internships for exceptional students to work with Langley engineers and scientists on some of the Nation’s most important, difficult, and challenging problems. The LARSS program emphasizes multi-disciplinary and collaboratively developed solutions to problems in such broad areas as (1) flight, including entry, descent, and landing, in all atmospheres; (2) Earth systems science, including the characterization of all atmospheres; (3) affordable, safe, and sustainable space exploration systems and technology; and (4) materials and structural concepts, analysis, and integration.

ELIGIBILITY REQUIREMENTS
- U.S. Citizenship
- Full-time student status at an accredited U.S. college or university
- Classification as a rising undergraduate junior or senior, or graduate student (master's or doctoral level)
- Cumulative 3.0 GPA on a 4.0 scale

PROGRAM SESSION DATES
  Application Deadline: Oct. 11, 2012
- 2013 Summer Session (10 weeks) June 4 – Aug. 9, 2013
  Application Deadline: Feb. 1, 2013
- 2013 Fall Session (15 weeks) Sept. 4 – Dec. 13, 2013
  Application Deadline: June 26, 2013

CONTACT INFORMATION
Debbie Murray
LARSS Program Coordinator
Phone: 757-864-5215
Fax: 757-864-9701
Deborah.B.Murray@nasa.gov

Find additional LARSS information, application, and deadlines at http://www.nianet.org/larss
Western Ag’s **PRS (Plant Root Simulator)**-probe is an alternative soil analysis tool employing an ion exchange resin membrane to develop a picture of dynamic ion flux in soil and other heterogeneous media. When chemically pre-treated, the anion and cation exchange resin membranes exhibit surface characteristics and nutrient sorption phenomena that closely resemble a plant root surface. Each PRS™ sample includes the use of up to four pairs of PRS™-probes (anion and cation) and their analysis (NH4+, NO3-, P, K, S, Ca, Mg, Mn, Al, Fe, Cu, Zn, B, Cd, and Pb).

The PRS™ probes have been used in an increasing number of peer-reviewed papers across a range of disciplines including agriculture, ecology, environmental science, forestry, horticulture and range management.

The application requires submission of a basic research proposal: an objective that could be addressed using PRS™-probe measurements, summary of previous research, proposed methodology, and anticipated results and implications.

Applications will be judged on the novelty of the proposed research, potential contribution to scientific understanding, and the quality of the research proposal.
4th Annual
Midwest Graduate Research Symposium
Saturday
April 20, 2013
8:00A.M. – 7:30P.M.

Awards for both oral & poster presentations
Nationally Recognized Keynote Speaker

FREE
*Open to All Graduate Students from All Study Areas*

Registration Deadline: March 29, 2013

• Register for free online by visiting www.utoledogsa.com → Participant Registration
• For complete information, visit: www.utoledogsa.com/information

- Semi-Formal Dinner
- Oral & Poster Presentation
- Great Networking Opportunity
- No registration fee
- Breakfast, Lunch, and Dinner Provided

E-mail: graduatestudentassociation@gmail.com

Sponsored and Organized by the University of Toledo Graduate Student Association