**Upcoming MEETINGS**

**Monday, October 8, 12:00-1:00, HAMP 2201**
Gold Team Meeting

**Wednesday, October 10, 9:00-10:15, HAMP 2201**
Undergrad Committee Mtg.

**Friday, October 12, 8:15-9:15, HAMP 2173**
EAPS Executive Committee Mtg.

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**EAPS WEATHER BRIEFING MEETING**
Every Monday, Wednesday & Friday, 1:00 pm, HAMP 4173

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**EAPS SEMINAR**

**Thursday, October 11, 3:30, HAMP 1252, refreshments at 3:00, HAMP 2201**

**Friday, October 12, HAMP 2201, Special Seminar**
John McGinnis, Senior VP, Exploration and Development at Seneca Resources.

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**CAMPUS-WIDE SEMINARS**

**Tuesday-Wednesday, Oct. 16-17, Discovery Park.**
**URBAN RISE: Footprints of a Global Civilization, Ecological Sciences and Engineering (ESE) Symposium 2012.**
(See attached flyer for questions and registration)


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**Monday, October 22, 3:30 pm, Fowler Hall, STEW Ctr.**
“Designing Resilience in a Black Swan World.”
Discovery Lecture Series, Purdue University.
(See attached flyer for more details)

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**Purdue University Discovery Park**
**Internal Search for a Director, Purdue Climate Change Research Center**

Applications should be sent electronically to Wendy Field (wfield@purdue.edu) no later than October 12, 2012.
(See attached flyer for more information.)

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**IMPACT Cohort - Spring 2013 Call for Applications**

The Call for Applications for the Spring 2013 IMPACT cohort is now open! The deadline for applications is Friday, October 26th, 2012.
[http://www.purdue.edu/impact/apply.html](http://www.purdue.edu/impact/apply.html)

If you have questions regarding the IMPACT program or need additional information, contact Chantal Levesque-Bristol, Director, Center for Instructional Excellence, Professor, Educational Studies.

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**Dow AgroSciences: Aid to Education Grant**

Last year DAS provided the College of Science with $7,500 for the following: Sponsorship of ChemTeens Conference, WISP Mentoring Dinner Sponsorship, and the STEM ABC Programming Sponsorship.

CoS is looking to increase the number of projects that are funded and include more innovative projects that allow DAS scientists the ability to interact with our students. K-12 outreach, undergraduate research opportunities, career mentoring, competition sponsorship, and lecture series support are all areas that have been funded around campus over the years.

Applications Guidelines:
1) Brief description of the program, areas DAS may be involved, projected outcomes (2 paragraph maximum)
2) Ask Amount ($5,000 limit)
3) Projected date of program (eg. Fall 2013)
4) Deadline: Friday, October 19, 2012 to Tammy Siemers (tsiemers@purdue.edu)

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**EAPS ALUMNI EVENTS**

**Monday, November 5th** – Border Grill, Mandalay Bay Resort and Casino, Las Vegas from 6 – 9 pm
(See attached flyer for this event)

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**Wednesday, December 5th** – ThirstyBear Brewing Company, San Francisco from 7 – 9 pm
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](http://www.nianet.org/larss) (See the attached flyer for more information.)

Faculty, Staff and Grad Students!
Center for Instructional Excellence – Fall 2012 College Teaching Workshops

Series I: Building on the Basics (Take one, several or the entire series!)
(For more information, see ‘Series I’ attached flyer)

WRITE WINNING GRANTS WORKSHOP

Presented by Dr. David Morrison of Grant Writers’ Seminars and Workshops, LLC, November 16, 2012 STEW Center, Room 302; 8:30AM-4:30PM.
(For more information and register, see attached)

2012-2013 Library Scholars Grant Program

Information and guidelines for proposals are outlined in attached information. All proposals must be submitted by email to Carole Tolley, tolleyc@purdue.edu, with the Subject: Library Scholars Grant, due Friday, Nov. 16, 2012 at 5:00 pm.
(See attached for all details.)

FULBRIGHT SCHOLAR ANNOUNCEMENTS

1) 2012-13 Core Fulbright Scholar Program scholar lists available ONLINE beginning October 1, 2012. To view a list of grantees by institution, academic discipline, host country and state, please visit: [http://www.cies.org/schlr_directories/](http://www.cies.org/schlr_directories/)

2) NEW PROGRAM: United Kingdom International Education Administrators Seminar (UKIEA) – Deadline February 1, 2013. For more information, visit [http://www.cies.org/IEA/](http://www.cies.org/IEA/) and contact Tanya Janes at tjanes@iie.org


* EAPS GRADS * - TWO TRAVEL GRANTS AVAILABLE

Ismail Travel Grants - October 13, 2012 – deadline
The A.H. Ismail Interdisciplinary Program Doctoral Research Travel Award competition provides funds to assist students in the presentation of their doctoral research at a national or international conference. Follow directions for submissions at [http://www.gradschool.purdue.edu/funding/](http://www.gradschool.purdue.edu/funding/).

Andrews and Blosser Environmental Travel Grants
November 9, 2012 – deadline
The Andrews Environmental Grant was established in honor of Dr. Frederick N. Andrews to support research focused on improving the world environment. The Blosser Environmental Grant was established in honor of Russell O. Blosser to support graduate students majoring in an area of environmental sciences. Preference is given to students affiliated with the Chi Chapter of Kappa Sigma Fraternity. Follow directions for submissions at [http://www.gradschool.purdue.edu/funding/](http://www.gradschool.purdue.edu/funding/).

NORTHERN ILLINOIS UNIVERSITY
POSITION OPENING

Tenure Track Appointment in Earth Science Education. Applications due November 30, 2012 with a starting date of August 13, 2013. For additional information, see the attached and/or more information about the department, click the link: [www.niu.edu/geology/](http://www.niu.edu/geology/)

NSF “East Asia & Pacific Summer Institutes” (EAPSI) US GRAD STUDENTS

The National Science Foundation’s “East Asia & Pacific Summer Institutes” (EAPSI) for US graduate students pursuing science and engineering.

The goals of the EAPSI program are to provide students with first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan towards an introduction to the science, science policy, and scientific infrastructure of the respective location plus an orientation to the society, culture and language. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts. [http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284)

There are scores of host universities, some which are Purdue partners. The direct link follows for convenience. [http://www.nsf.gov/od/oise/eapsi-host-lists-all.jsp](http://www.nsf.gov/od/oise/eapsi-host-lists-all.jsp)

Please note that Cyndi Lynch, PU Grad School, is the coordinating official for this program. The application deadline this year is Nov. 8, 2012.
OIL INTERVIEWS

ExxonMobil

ExxonMobil will be on campus October 18-19 to interview M.S. and Ph.D. students who are interested in petroleum geoscience-related careers in areas associated with: Exploration, Development, Production, Geophysics Specialties, and Research. They will be interviewing students for both regular employment and internships.

Please submit an application, your resume and copies of your transcripts online at (www.exxonmobil.com/apply) one week prior to interviewing. To sign up for an interview time, please see Kathy Kincade in Room 2169D/HAMP.

In addition, Bob Stewart, Recruiter for ExxonMobil, will also conduct a pre-interview presentation on Thursday, October 18 at 5:00pm in Room 2201/HAMP. (See posted flyer for additional details.)

Schlumberger

Winston Anyanwu, Schlumberger, will present an Information Session at 6:00pm on Monday, October 22 in Room 2201/HAMP. All interested students are welcome to attend to hear about Schlumberger’s history, values, past and future plans, current job opportunities, etc. On Tuesday, October 23rd, Winston will be conducting interviews in the department (some job descriptions are attached, but not limited to the ones shown). He will be interviewing for mostly full-time positions, but potentially a selected number of students for internship positions as well. Schlumberger would like to meet with students who fit the following criteria:

- graduating from May 2011 to November 2013 latest to be considered for the 2013 hiring season
- studying Earth Sciences, Geology & Geophysics at all degree levels (BSc, MSc, PhD)
- Note – These career positions are open to US citizens, US permanent residents, refugees, asylum status holders, F1 (International) students (Schlumberger sponsors potential international students for certain positions).

If you are interested in job opportunities with Schlumberger, please send an electronic version of your resume to Kathy Kincade (kkincade@purdue.edu) by Friday, October 12. You also need to apply online at careers.slb.com. (See attached for more information)

Graduate Research Fellowship Program (GRFP)

Application Deadline(s) (submitted by 8 p.m. Eastern Standard Time):
November 13, 2012: Engineering; Computer and Information Sciences and Engineering; Materials Research
November 14, 2012: Mathematical Sciences; Chemistry; Physics and Astronomy
November 16, 2012: Social Sciences; Psychology; STEM Education and Learning
November 19, 2012: Life Sciences; Geosciences

The Hertz Foundation

Graduate Fellowships, for innovators in the Applied Physical, Biological, and Engineering Sciences. Deadline is November 2, 2012. Apply online: www.hertzfoundation.org
(See attached for more details.)

A Note from Our Academic Counselor

West Coast Virtual Career Fair
Tuesday, October 16, 2012. Expand your search for internships/full time employment. Click here to register and upload your resume: http://purdue.careereco.net/students-alumni/virtual-career-fair-details/.

The 2013 Elie Wiesel Prize in Ethics Essay Contest
Since 1989 the Elie Wiesel Foundation for Humanity has sponsored the Prize in Ethics Essay Contest. This annual competition challenges college students, full time juniors and seniors, to analyze the urgent ethical issues confronting them in today's complex world. Students are encouraged to write thought-provoking personal essays that raise questions, single out issues, and are rational arguments for ethical action. Prizes range from $500-$5000 with the opportunity to be published. To be eligible you must be a registered, undergraduate full-time junior or senior at an accredited four-year college or university in the United States during the fall 2012 semester. (If enrolled in a study abroad program at that time, you are also eligible.)

The deadline is online by December 3, 2012, 5PM PST. Online entry and detailed application guide: www.ethicsprize.org.

Purdue Journal for Undergraduate Research

“Involved in undergraduate research? Interested in having your research findings published? The Journal of Purdue Undergraduate Research (JPUR) is preparing for its third publication and wants to help you write an abstract to submit for publication. On October 17 in HICKS B848 join them for the “Writing Winning Proposals” workshop; pizza and soda are provided. Email Journal Coordinator Elizabeth Hudson at jpur@purdue.edu with any questions or visit www.jpur.org to learn more about the journal.” The next publication submission deadline is Nov. 15, 2012. (See flyer)

Note from Mike Baldwin!!

Thursday, October 11, 1:30 pm, HAMP 4251
The EAS 226 (sophomore level lab, Intro to Atmospheric Research) will be presenting “Evaluating Numerical Predictions of Fronts”, in both Powerpoint and poster forms. Please join us and allow the students to showcase their hard work, and also to benefit from interacting with a scientific audience. Refreshments served!
October Birthdays

Ernie Agee – 2\textsuperscript{nd}
Phil Smith – 2\textsuperscript{nd}
Jeff Trapp – 3\textsuperscript{rd}
Wen-Yih Sun – 4\textsuperscript{th}
Wen-wen Tung – 8\textsuperscript{th}
Dev Niyogi – 18\textsuperscript{th}
Sonia Lasher-Trapp – 22\textsuperscript{nd}
Kathy Kincade – 24\textsuperscript{th}
Wanitta Thompson – 30\textsuperscript{th}

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 EAS website at [www.purdue.edu/eas/](http://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 (thompsow@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](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](http://calendar.science.purdue.edu/eas/seminars).
The Geology of Mercury: Insights from Orbit

Paul Byrne
Department of Terrestrial Magnetism
Carnegie Institution of Washington

Observations by the Mariner 10 flybys in the 1970s suggested that some portions of Mercury's surface are volcanic in origin, and that contractional tectonic landforms termed lobate scarps, thought to have formed as the planet's interior cooled, are commonplace. Since its insertion into orbit around Mercury in March 2011, the MErcury Surface, Space ENvironment, GEochemistry, and Ranging (MESSENGER) spacecraft has dramatically increased our understanding of the geology of the innermost planet. MESSENGER has shown that Mercury hosts a far greater proportion of volcanic smooth plains than previously recognized, including a contiguous region in the northern hemisphere that occupies some 6% of the planet surface. Mercury also has distinct channel-like landforms formed by the overland flow of voluminous, low-viscosity, high-temperature lavas. Additionally, orbital data have shown that lobate scarps number in the thousands and are distributed across the planet. Preliminary analyses indicate that Mercury has contracted substantially more than had been thought, with implications for the planet's thermal and volcanological history. MESSENGER has also returned unexpected geological findings: There is increasing evidence of substantial volatile loss from Mercury's crust, manifest as pit-like "hollows" within many impact craters; geochemical data suggest that while more recent volcanism on Mercury is basaltic in nature, older regions may have a much more ultramafic composition implying greater degrees of partial melting earlier in the planet's history; and there is growing evidence of a structural continuum between small, volcanically flooded "ghost craters" and the largest recognized impact feature on Mercury, the 1,600-km-diameter Caloris basin. In this talk, I will review the most recent geological findings from the MESSENGER mission, discuss how our view of the once enigmatic innermost planet has changed, and what fundamental questions remain to be answered.

Thursday, October 11, 2012
3:30 p.m.
Room 1252, HAMP Bldg

Refreshments at 3:00 pm
Room 2201/HAMP
Ecological Sciences and Engineering (ESE) Symposium 2012

URBAN RISE: Footprints of a Global Civilization

October 16-17 at Discovery Park

- Keynote Dinner and Address from John Francis, PhD – Visiting Associate Professor, The Nelson Institute at the University of Wisconsin-Madison
- Undergraduate and Graduate Student Poster Competition (With Cash Prizes)
- Plenary Speaker, Dr. Steve Hallett, Botany & Plant Pathology, Purdue
- 3 Technical Session

Registration Now Open at www.purdue.edu/esesymposium

Free to attend and participate but space is limited, so register today!


Questions? Please contact us at eseevent@purdue.edu
Abstract: Black Swan events are those with low or unknown probability, but high and long-lived and often global impacts. They affect financial markets, climate, public safety, and human health and more. This talk is about how we begin to design communities, regions, and nations to improve resilience and prosperity in the face of these “Black Swan” events. Professor Orr’s lecture will examine a case study, the Oberlin Project, and the National Sustainable Communities Coalition.

David W. Orr

Paul Sears Distinguished Professor of Environmental Studies and Politics and Senior Adviser to the President, Oberlin College

David W. Orr is one of our generation’s leading environmental philosophers and educators. His career as a scholar, teacher, writer, speaker, and entrepreneur spans fields as diverse as environment and politics, environmental education, campus greening, green building, ecological design, and climate change.

He is the recipient of seven honorary degrees and other awards including a Lyndhurst Prize acknowledging “persons of exceptional moral character, vision, and energy.” Dr. Orr is the author of seven books, including “Down to the Wire: Confronting Climate Collapse” (Oxford, 2009), co-editor of three others, and nearly 200 articles, reviews, book chapters, and professional publications. He is the executive director of the Oberlin Project, an editor of the journal Solutions, and is a high level adviser to four grandchildren ages 2-12.

For More Information
Visit www.purdue.edu/discoverypark/dls/ | Contact Cindy Ream: cream@purdue.edu | 765-494-0015
An internal search is underway for the next Director of the Purdue Climate Change Research Center (PCCRC) in Discovery Park. The Director of the PCCRC will lead the Center in its mission and will be responsible for all internal and external affairs of the center. The Director will also be expected to effectively communicate the Center’s achievements and vision to a variety of stakeholders, including the public, policy makers, government leaders, industry and scientists in other disciplines.

The successful candidate will have a PhD in a related field, a broad knowledge of climate issues and research opportunities, and a successful track record of activities in an area directly related to climate science and/or policy. Candidates must have demonstrated research leadership and scholarly achievement in one or more areas of climate change or directly related fields. The Director is expected to utilize the unique infrastructure and investment of Discovery Park to combine discovery and engagement to sustain a world class Center at Purdue University. The Director of the PCCRC reports to the Director of the Global Sustainability Institute and works closely with Academic Deans, Department Heads, Discovery Park researchers, and the PCCRC leadership in the administration of the program.

The review and interview process is scheduled to be completed before the end of the semester so that a new director will start January 1, 2013. Applications are welcomed from Purdue West Lafayette faculty with full professor rank. Application deadline is October 12, 2012.

Potential applicants are encouraged to discuss their interest with their department head, as a center director is typically expected to focus 75% effort on the position. Applications should include a letter reflecting the applicant’s experience and vision for the position and PCCRC, as well as a current CV.

Applications should be sent electronically to Wendy Field (wfield@purdue.edu) no later than October 12, 2012. We anticipate finalists for the position will give public presentations on their vision for PCCRC.

If you have questions about the details of the position, please contact Jon Harbor (jharbor@purdue.edu). If you have questions about the search, please contact Ernie Agee (eagee@purdue.edu).

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.
SAGE 30th Year
and Purdue EAPS
Reception,
SEG Meeting
Las Vegas, NV
Monday, Nov. 5, 2012

Summer of Applied Geophysical Experience

The reception will be from 6:00 – 9:00 p.m. at the Border Grill, Mandalay Bay Resort and Casino, 3950 Las Vegas Blvd. South, Las Vegas, Nevada 89119 (702) 632-7200. You do not need to register for the SEG meeting in order to attend. The reception is being sponsored by SAGE and the Department of Earth, Atmospheric, and Planetary Sciences, Purdue University.

We welcome SAGE students, former students, SAGE supporters, and friends of SAGE. Please join us to celebrate the 30th year of SAGE! We also welcome Purdue EAPS faculty, students and alumni, and friends of Purdue EAPS.

Mandalay Bay Resort and Casino
The Langley Aerospace Research Student Scholars (LARSS) Research Internship Program
http://www.nianet.org/larss

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
Student-Teacher Relationships
Strategies you can use to foster good relationships with your students. Common disruptive student behaviors, and techniques for handling classroom crises.
Tuesday, September 4, 9:00-10:30 am - POTR 141

The Nuts & Bolts of Setting Rules for Your Course
Key University policies that relate to teaching at Purdue, including how to create an attendance policy, handle make-up work, and avoid grade appeals.
Tuesday, September 11, 9:00-10:30 am - POTR 141

Designing a Course From Scratch
The basics of designing a course from scratch using course goals and objectives, activities to meet your objectives, and measurements to see if your students have achieved them.
Tuesday, September 18, 9:00-10:30 am - POTR 141

How to Avoid Giving a Bad Presentation
Strategies for preparing and delivering an effective presentation. How to attract your students’ attention, improve your presentation techniques, and build effective PowerPoint presentations.
Tuesday, September 25, 9:00-10:30 am - POTR 141

Micro-Teaching: Practice Your Teaching
In this workshop, you’ll present a short lesson to a group of your peers who will role-play the students in your class. Besides getting feedback on your presentation, you’ll have a videotape to include in your teaching portfolio.
Contact CIE to register.
Tuesday, October 2, 8:30-10:30 am

Getting Feedback to Improve Your Teaching
Ways to get feedback from your students that will improve learning, tweak your teaching, and teach your students to take responsibility for giving people feedback.
Tuesday, October 16, 9:00-10:30 am - POTR 141

Creating the Engaged Classroom: Discussion Techniques
Engaging your students in the learning process using think-pair-share, group discussions, and small group work.
Tuesday, October 23, 9:00-10:30 am - POTR 141

Tools and Techniques for Creating Effective Tests
How to avoid writing test questions that your students might consider to be “picky,” “tricky,” or “ambiguous.” What goes into making a good test, and how tests can be used to enhance student learning.
Tuesday, October 30, 9:00-10:30 am - POTR 141

Why Didn’t I Get an “A”? Using Subjective Tests and Assigning Grades
The benefits and challenges of using (and grading) subjective tests. Practice creating a rubric to use when grading student projects.
Tuesday, November 6, 9:00-10:30 am - POTR 141

Are Your Students Cheating? How to Prevent and Respond
Ways to prevent academic dishonesty (and other academic integrity issues) and find resources to deal with a cheating incident should one occur.
Tuesday, November 13, 9:00-10:30 am - POTR 141

Register for Series I Workshops — click on title
Write Winning Grants Workshop
Presented by Dr. David Morrison of Grant Writers’ Seminars and Workshops, LLC
November 16, 2012
Stewart Center, Room 302; 8:30AM-4:30PM

About This Workshop
Again this academic year, Purdue is pleased to host the highly acclaimed grant writing program facilitated by Dr. David Morrison. This workshop addresses both practical and conceptual aspects important to the proposal writing process. This full-day (Phase I) workshop is designed for faculty and administrators who have had some exposure to writing grant applications. Emphasis is given to such things as idea development, identification of the most appropriate granting agency, how to write for reviewers, and tips and strategies that are of proven value in presenting an applicant’s case to reviewers.

The workshop provides intensive grant writing training interspersed with specific details by agency. Participants will also choose one of four workbooks which provide agency specific grant writing tips and suggestions. The choices include: National Institutes of Health, National Science Foundation, US Dept. of Agriculture, or “Any Agency”, which covers agencies other than NIH and NSF. The cost of each book is $75, expect for “Any Agency” which is $70.

An intensive Phase II workshop will also be available for up to 30 participants, who must be referred by their Associate Dean for Research. Participants in this program must have attended the Phase I workshop either this year or last year. Additional information on Phase II and how to participate will be distributed at a later date.

About the Presenter
Dr. David Morrison, Ph.D. is co-founder and member of Grant Writer’s Seminars and Workshops, LLC. He received his Ph.D. from Yale in Molecular Biology and Biophysics and was a postdoctoral research fellow at National Institutes of Health and Scripps Research Institute. Dr. Morrison has held faculty positions at Scripps Research Institute, Emory University School of Medicine, University of Kansas Medical Center, and Saint Luke’s Hospital of Kansas City/University of Missouri-Kansas City.

To Register
Registration is required by Thursday, November 1
at: http://www.purdue.edu/research/vpr/rschdev/events.php. There is no cost to participants for the workshop; however, the participant’s college will be responsible for the cost the of the workbook so those registering are expected to attend. You must attend the workshop to receive your workbook. If you register and find that you cannot attend, please contact Mary Ryker (mlryker@purdue.edu) as soon as possible.

A buffet-style lunch will be provided.

Questions
Contact Sue Grimes (sprimes@purdue.edu) if you have any questions.
To: Vice Presidents, Deans, Department Heads
From: James L. Mullins, Dean of Libraries, West Lafayette
Date: September 24, 2012
Subject: 2012-2013 Library Scholars Grant Program

I am pleased to announce the 2012-2013 Library Scholars Grant Program. Eligibility for the program includes not only untenured tenure-track Purdue faculty, but also Purdue associate professors tenured effective July 1, 2010 and later. Grant recipients are not eligible for an award in consecutive years. Underwritten by the Class of 1935, the program is designed to help untenured tenure-track and recently tenured Purdue faculty gain access to library materials necessary for research required for their continued growth as faculty members. The focus of the program is to support access for these faculty members to unique collections of information around the country and the world.

Just as people come to Purdue to use our unique collections, the research of Purdue faculty may require visiting unique collections beyond Purdue and thereby incurring travel-related expenses and fees charged by the library or other collection owner for access, photocopying, scanning, etc. The Library Scholars Grant Program offers an opportunity for untenured tenure-track Purdue faculty and recently tenured Purdue associate professors in all disciplines, and from all Purdue campuses and the Statewide Technology Program, to receive support for such activities. Purdue faculty at the Fort Wayne and IUPUI campuses are those within “Purdue mission” programs; i.e., for whom the promotions process falls under Purdue. Awards will vary in amounts of up to $5,000.

Please share the enclosed information with the untenured tenure-track members of your faculty, and with associate professors tenured effective July 1, 2010, or later, and encourage them to consider the potential relevance of the Libraries Scholars Grant Program to their scholarly information needs.

Att: Announcement and guidelines for proposals
Purdue University Libraries announces
the 2012-2013 Library Scholars Grant Program
underwritten by the Class of 1935

The Purdue University Libraries will continue the Library Scholars Grant Program this year with a focus on supporting access to unique collections of information around the country and the world. Awards of up to $5,000 will be made for this purpose to untenured tenure-track members of the Purdue faculty, and to associate professors tenured effective July 1, 2010, or later, with grant-supported activities to be completed by December 31, 2013. The Library Scholars Grant Program is made possible through the generosity of the 50th anniversary gift of the Class of 1935, and continuing gifts from this class and others, to an endowment fund in the Purdue Research Foundation.

The Library Scholars Grant Program is designed to provide grants to untenured tenure-track Purdue faculty members and recently-tenured associate professors, to help them gain access to library materials necessary for research required for their continued growth as faculty members. Just as people come to Purdue to use our unique collections, the research of Purdue faculty may require visiting unique collections beyond Purdue. The Library Scholars Grant Program offers an opportunity for support for such activities to untenured tenure-track members of the Purdue faculty, and to Purdue associate professors tenured effective July 1, 2010, or later, in all disciplines, from the West Lafayette, Calumet, Fort Wayne, IUPUI, and North Central campuses, and the Statewide Technology Program. (Purdue faculty at the Fort Wayne and IUPUI campuses are those within “Purdue mission” programs; i.e., those for whom the promotions process falls under Purdue.)

Each Library Scholars Grant recipient will be asked to present a seminar about the information-related activities supported by the grant. The seminars will permit the Libraries to learn from recipients’ experiences in order to better serve both Purdue scholars and those from outside Purdue who visit our collections.

The 2012-2013 Library Scholars Grant Program awards will be in amounts of up to $5,000. The funds may be used for expenses associated with travel to archives or collections beyond Purdue, including the cost of transportation, lodging, meals, and fees charged by the library or other collection owner for access, photocopying, scanning, etc. Reimbursement will be made, for approved expenditures, up to the amount of the award.

Criteria used to judge the proposals will include how well the case is made that the proposed information-related activities will support the candidate’s research and that conducting these activities requires travel to unique collections beyond Purdue, the appropriateness of the budget, and the feasibility of the project within time constraints. Proposals will be evaluated by a panel chaired by a tenured member of the Libraries faculty and composed of tenured faculty and one or more previous winners, with recommendations made to the Dean of Libraries. Award recipients will be contacted in December 2013.

The guidelines for proposals are outlined below.

All proposals must be submitted by email to Carole Tolley, tolleyc@purdue.edu, with the Subject: Library Scholars Grant, no later than 5:00pm, Friday, November 16, 2012.
Overview
The Library Scholars Grant Program, administered by the Purdue University Libraries, focuses on supporting access for untenured tenure-track members of the Purdue faculty, and associate professors tenured effective July 1, 2010, or later, to unique collections of information found around the country and the world. Awards of up to $5,000 will be made to for this purpose, with grant-supported activities to be completed by December 31, 2013.

The Library Scholars Grant Program is designed to provide grants to untenured tenure-track Purdue faculty members, and recently tenured associate professors, to help them gain access to library materials necessary for research required for their continued growth as faculty members. Just as people come to Purdue to use our unique collections, the research of Purdue faculty may require visiting unique collections. The Library Scholars Grant Program offers an opportunity for untenured tenure-track faculty and recently tenured associate professors to receive support for expenses associated with travel to archives or collections beyond Purdue, including the cost of transportation, lodging, meals, and fees charged by the library or other collection owner for access, photocopying, scanning, etc.

Eligibility
Untenured tenure-track members of the Purdue faculty, and Purdue associate professors tenured effective July 1, 2010, or later, in all disciplines, from the West Lafayette, Calumet, Fort Wayne, IUPUI, and North Central campuses, and the Statewide Technology Program are eligible for Library Scholars Grant Program awards. (Purdue faculty at the Fort Wayne and IUPUI campuses are those within "Purdue mission" programs; i.e., those for whom the promotions process falls under Purdue.) Grant recipients are not eligible for an award in consecutive years.

Proposal contents and format
1) Cover page with the following information:
   a) Name
   b) Rank and title
   c) Date of appointment to the Purdue faculty
   d) Department
   e) College
   f) Campus address
   g) E-mail
   h) Phone number
   i) Name and address of Head of Department
   j) Name and address of Dean of College/School
   k) Name of Purdue Libraries faculty member or other Purdue Librarian from whom the applicant is submitting a letter of support (see #4)
   l) Total amount of funding the applicant seeks from the Library Scholars Grant Program
   m) Additional funding (grants, departmental funds, etc.), if any, available to the applicant to support the information-related activities for which a Library Scholars Grant is being sought

2) One-page narrative stating the following:
   a) Area of research;
   b) Related information needs that require using collection(s) beyond Purdue;
   c) Information-related activities to be undertaken
   (Note: The award may be used for expenses associated with travel to archives or collections beyond Purdue, including the cost of transportation, lodging, meals, and fees charged by the library or other collection owner for access, photocopying, scanning, etc.);
   d) Projected timeline; and
e) Expected outcome(s) of the information-related activities, i.e., how they would support the applicant's research.

3) Budget, itemizing proposed activities and their estimated costs, and showing total.
   The following websites should be used to estimate lodging, meals and incidentals.
   -- For U.S. General Services Administration – Domestic destinations:
     http://www.gsa.gov/portal/content/105307
   -- For U.S. Dept. of State -- Foreign destinations:
     http://aoprals.state.gov/content.asp?content_id=184&menu_id=81

4) Letter of support from a Purdue Libraries faculty member, or other Purdue librarian, with whom applicant has consulted regarding the information needs and information-related activities reflected in the proposal. In the letter, the librarian should briefly state the reasons the applicant cannot meet the information needs by using Purdue collections and electronic information resources and, therefore, needs to travel to unique collections beyond Purdue.

5) Brief resume (3 pages maximum).
6) List of publications

**Reporting requirements**

A brief report or presentation on the information-related activities accomplished as a result of the award, and their significance to the research of the recipient, must be sent to the Dean of Libraries by February 15, 2014. Additionally, each individual awarded a Library Scholars Grant will be asked to present a seminar about the activities supported by the grant. The seminars will permit the Libraries to learn from recipients' experiences in order to better serve both Purdue scholars and those from outside Purdue who visit our collections.

**Funding**

Awards will be given in amounts of up to $5,000, with reimbursement, for approved expenditures, up to the amount of the award. The Libraries Business Office will coordinate reimbursement with the grant recipient's business manager. Expenses may be reimbursed as they occur over the course of the project, with grant-supported activities to be completed by December 31, 2013. All requests for reimbursement, accompanied by appropriate documentation, must be received in the grant recipient's departmental business office no later than February 15, 2014.

**Criteria for judging proposals**

Criteria used to judge the proposals will include how well the case is made that the proposed information-related activities will support the applicant's research and that conducting these activities requires travel to unique collections beyond Purdue, the appropriateness of the budget, and the feasibility of the project within time constraints. Proposals will be evaluated by a panel chaired by a tenured member of the Libraries faculty and composed of tenured faculty and one or more previous winners, with recommendations made to the Dean of Libraries. Award recipients will be contacted in December 2012.

**Proposal deadline**

All proposals must be submitted by email to Carole Tolley, tolleyc@purdue.edu, with the Subject: Library Scholars Grant, no later than 5:00pm, Friday, November 16, 2012.

Questions should be submitted to Carole Tolley, Office of the Dean, Purdue University Libraries – ADMN, email: tolleyc@purdue.edu., telephone: 765-494-2900; fax: 765-494-0156.
ExxonMobil will interview students interested in petroleum geoscience-related careers in these areas:

<table>
<thead>
<tr>
<th>Exploration</th>
<th>Development</th>
<th>Production</th>
<th>Geophysics Specialties</th>
<th>Research</th>
</tr>
</thead>
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Applicants are required to fill out an online application and post a copy of their resume on our website one week prior to interviewing with our campus recruiter. **We do not accept hard copy applications.** Copies of transcripts should also be posted on the website or brought to the interview. At this stage of the process, "unofficial" school versions of transcripts will be accepted as attachments to the online submittal. The ExxonMobil website is [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply).

The recruiters will conduct a pre-interview presentation on October 18 at 5:00pm in Room 2201/HAMP.

**Candidates for Regular Employment:**

For those interested in careers in Exploration, Development and/or Production, we will be interviewing graduate students receiving a MS or a PhD degree in Geology or Geophysics. In addition, we will be interviewing graduate students who are interested in geophysics specialties such as seismic acquisition or processing, and working with specialty applications (velocity models, seismic attribute analysis, AVO analysis, etc.).

For those interested in careers in Research, we will be interviewing graduate students receiving a PhD degree and post-doctoral fellows in the following areas: Geology, Geophysics, Math, Electrical Engineering, Physics and Computer Science.

**Candidates for Internships:**

We are very interested in interviewing students who meet the following requirements:

- Will be completing their MS or PhD degree program within one year (two years for research) after their internship.
- Ability to work approximately three months.

Internships are available throughout the year. Although we will give preference to those students graduating in 2013 or 2014, we will be happy to discuss career opportunities with other students as the interview schedule permits.

**ELIGIBILITY INFORMATION APPLICABLE TO CANDIDATES FOR REGULAR AND INTERNSHIP EMPLOYMENT**

Applicants must have the right to work in the United States. Under certain circumstances, visa sponsorship may be available for applicants with an M.S. and/or a Ph.D. degree in certain research or geophysical specialty disciplines. If you fit the above criteria and are interested, please utilize the [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply) website for your application and/or ask one of our campus recruiters for specific details.

Applicants for internship must have the legal right to work in the U.S. during the period of the internship. If you are interested in regular U.S. employment after your internship, you must be able to meet the regular U.S. hiring criteria at the time of regular U.S. hiring.

Individuals who have authorization to work in countries where ExxonMobil has geoscience staff such as Angola, Nigeria, Europe, Malaysia, Indonesia, Russia, and the Middle Eastern countries, may be considered for employment by our affiliates in these locations and should sign up to interview for such employment. Students currently attending school in the U.S. who are authority to work in one of the above countries and are interested in these opportunities should utilize the [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply) website.

**EXXONMOBIL IS AN EQUAL OPPORTUNITY EMPLOYER**
Schlumberger is recognized as a world leader in oilfield exploration and technology, with operations in over 80 countries. In our field, those who innovate succeed, so we continually invest in the best people and ideas.

We offer several challenging opportunities in the Geosciences, such as those listed below. These are opportunities for recent graduates to develop expertise in Schlumberger’s industry leading technologies including geophysical exploration, reservoir characterization, geological modeling, drilling engineering, and production engineering. Most positions offer a rigorous multi-year training program focusing on classroom and online training, as well as on the job experience. Successful candidates are hard working, energetic, motivated people who enjoy finding and delivering solutions for our clients. Please look for our on campus Petro Technical information sessions!

**Petro Technical Services (PTS)** - Provides oil and gas operators with integrated petro technical solutions throughout the E&P cycle, combining expertise within our WesternGeco and Data & Consulting Services groups.

**Borehole Geoscientist**

Borehole geologists / geophysicists / petro physicists are responsible for processing and interpreting borehole wireline and logging-while-drilling data for the respective domains. They are involved in discussions with the client as to which processing parameters to apply, often advising the client on the wisest choice. All Geoscientists are office based and responsible for the delivery of data, often on a challenging deadline.

**Geophysicist**

Geophysicists focus on data conditioning, imaging, earth model building and interpretation, with the objective of providing the customer an accurate picture of the subsurface. This role requires analytical problem solving skills, strong communication skills, and a good understanding of geology or geophysics. The key to all positions is the ability to apply newly learnt skills quickly and the wish to work both independently and with a dynamic teams of processing and technology experts. Geophysicists will be working in an office environment, or if you prefer, in the field on one of our acquisition marine or land crews, where you will work on processing of seismic data sets from around the world using the most advanced software and hardware in the industry.

**Access Engineer**

Geologists, Geophysicists and Petroleum Engineers can join Schlumberger via our Access Program. It is a structured program where you start in one of our business segments, working out in the oilfields as a field engineer for a period of 18 months. After this, you will move to our PTS segment to work in an office environment to continue your petrotechnical career. Throughout the program, you will be exposed to Schlumberger technologies and mentored by a domain champion or a senior petrotechnical expert. The unique combination of field and office training will give you an invaluable range of job experiences, enabling you to develop into a petrotechnical expert in your domain of interest.

**Schlumberger Information Solutions (SIS)** - Schlumberger provides oil & gas software solutions to solve today’s tough reservoir challenges by enabling the creativity of geoscientists and engineers through innovative workflows and comprehensive global services. Visit our website at [www.sis.slb.com](http://www.sis.slb.com)

**Geoscientist**

For SIS Geoscientists, the primary job function will be to gain expertise while providing first tier technical phone support on the use of the Petrel software suite, onsite support of clients, or conducting training courses. Secondary job functions may include: assisting in business development activities, assisting the sales function and maintaining the excellent relationships with clients that Schlumberger sees as critical to our continued success. Specializations may include Geology, Geophysics and Petrophysics.

Schlumberger is an Equal Opportunity Employer.

**Degree Summary:**

- BS, MS or PhD in Geology, Geophysics, Petrophysics, Earth Science, Geomechanics
Northern Illinois University invites applications for an anticipated tenure-track position in Earth Science Education with secondary science teacher certification, at the rank of Assistant Professor with a starting date of August 16, 2013. The successful candidate will hold a joint position with the NIU Center for Secondary Science and Math Education (CSSME) and the Department of Geology and Environmental Geosciences. Both teacher certification credentials (either state certification or teaching experience in a US high school) and a PhD in geology or related area are required at the time of appointment. Teaching duties will include graduate and undergraduate courses, including teacher certification classes, in earth sciences. The successful candidate will also be expected to develop a nationally recognized and externally funded research program either in earth science education and/or an area of geology. For additional information about the position and the Geology & Environmental Geosciences Department, see www.niu.edu/geology/. Applications including CV, statement of teaching and research interests, and 3 letters of recommendation should be submitted electronically to: Paul Stoddard, Earth Science Education Search Committee Chair, Geology & Environmental Geosciences, via teachgeology@niu.edu. Applications will be considered until the position is filled but first preference will be given to applications received by November 30, 2012. NIU is an AA/EEO Institution that values diversity in its faculty, staff and students: we strongly encourage applications from diverse candidates including women and minorities. A state-mandated pre-employment criminal background investigation is required.
The Hertz Foundation selects, supports, and mentors the brightest technical people in the nation, giving them all possible freedom to find their creative limits.

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5:30–6:30 p.m.
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