**Upcoming MEETINGS**

**Monday, October 22, 1:00-2:00, HAMP 2201**
Gold Team Meeting

**Friday, October 26, 12:00-1:00, HAMP 2201**
Armchair Travelers Series – Ruth Aronoff
“Oman: Castles, Oases, and the Crust/Mantle Boundary.” (See attached flyer for more information)

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

**EAPS SEMINAR**

**Thursday, October 25, 3:30, HAMP 1252, refreshments at 3:00, HAMP 2201**
George Hilley, Stanford University. Title: TBD

**EAPS Field Trip**

EAPS undergrad/grad students participated in a PGI field trip to look at the karst geology of Monroe and Lawrence counties.

(Left to right) Xudong Zhu, Scott Platt, Russell Martin, Christine Kassab, Cat Conyers, Yaling Liu, Ruth Aronoff, Yujie He, Peter Robertson, Rejith Raghwan, and Austin McGlannan.

**10th Annual EAPS/PRIME Lab HOG ROAST**
Saturday, October 27th, 5:30pm-??
Location: Marc & Suzanne Caffee’s home
Bring a side dish or drinks & a chair to sit on!
(See attached for address & directions)

**EAPS RECENT PUBLICATIONS**


**EAPS RECENT PRESENTATIONS**

Terry West and two EAPS graduate students attended the monthly dinner meeting of the North Central section of the Association of Environmental and Engineering Geologists (AEG) in downtown Chicago on Tuesday, October 16, 2012. Zack Umperovitch and Kelsey Crane were the students attending the program given by Patricia Bryant, Principal Geologist, Chicago office of URS Corporation, Geotechnical and Geological Consultants. The subject of her talk was the role of engineering geology in today’s society.

Angel Torres-Valcarcel, EAPS Phd Candidate, offered a “Sustainable Schools Program” SSP introductory talk about Environmental Sustainability and agricultural practices to high school students from a Local SSP participating school in Puerto Rico pursuing to develop an organic garden, Wed., Oct. 17.

**CAMPUS-WIDE SEMINARS**

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

**Wednesday, October 24, 4:30, Physics Room 114 (Coffee at 4:00 in Room 242)**
Frank Wilczek, “Quantum Beauty,” The 19th Hubert M. James Lecture. (See attached flyer for more details)
ALUMNI NEWS

We are sad to report the passing of EAPS alumna and alumni board member Linda Mae Sneddon Schmidt.

Linda Mae Sneddon Schmidt died October 17, 2012, age 63. Linda was born June 23, 1949 in Brazil, Indiana to Marjory Muriel (Wells) and John Henry Sneddon. Linda graduated from Brazil High School in 1967 and Purdue University in 1971 with a BS degree in geochemistry. She was a member of the Geochemical Society, Indiana Geologists, and Water Environment Federation. She enjoyed sightseeing, hiking, backpacking, and canoeing in the state and national parks, and lived in Greenwood, Indiana for the past 20 years. Linda worked at the Indiana Department of Environmental Management (IDEM) since 1994 in the Office of Water Quality as a Senior Environmental Manager guiding surface water monitoring programs to improve the quality of Indiana watersheds. She previously worked at Loctite in Aurora, Illinois, and in the Silicone Products division of General Electric in Waterford, New York from 1976 to 1984. Linda was a regular visitor to the department, especially as a valued member of the EAPS Alumni Advisory Board where she contributed particularly valuable perspectives for our environmental geosciences initiatives and in talking with students interested in environmental careers.

OFFICE OF THE PROVOST
All West Lafayette Tenured Faculty

This year's deadline for Faculty Fellowships for Study in a Second Discipline is November 19, 2012. 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. I encourage those who are interested to apply by completing an application which can be found at http://www.purdue.edu/provost/forms/faculty_fellowship.html. Awards will be made for one semester or an academic year beginning August 2013 or January 2014.

If you have any questions, please feel free to contact me (abels@purdue.edu).

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)

Wednesday, December 5th – ThirstyBear Brewing Company, San Francisco from 7 – 9 pm
(See attached flyer for this event)

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 to 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.)

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

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

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 attached flyer)

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 more information.)

* EAPS GRADS *
TWO TRAVEL GRANTS AVAILABLE

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/
**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.)

**INDIANA UNIVERSITY, BLOOMINGTON, IN**

**POSITION OPENING**

IU is seeking candidates for two faculty positions in the Atmospheric Science Program in the Department of Geological Sciences at the Assistant Professor level. Electronic submission preferred to Professor Rebecca Barthelmie (rbarthel@indiana.edu). The following link provides additional information: http://geology.indiana.edu/department/atmosSearch.html

**INDIANA UNIVERSITY OF PENNSYLVANIA**

**TWO POSITIONS OPEN**

Assistant Professor, Environmental Aqueous Geochemist.

Assistant Professor, Mineralogist/Petrologist.

Full consideration will be given to applications received by January 4, 2013. Review of applications will continue until the position is filled. IUP offers competitive salaries and benefits. http://www.iup.edu/employment

(See attached flyers for each for more information)

**CALL FOR ESSAYS & CREATIVE PROJECTS**

6th Annual Undergraduate Ethics Symposium
At DePauw University

April 11-13, 2013
Symposium Theme: “Ethics & the Environment”

(See attached flyer for details)

**A Note from Our Academic Counselor**

**Earth Day 2012**

Today, October 22, is Earth Day. You can find more here: http://www.earthday.org/2012. Green Week activities at Purdue found here: http://www.purdue.edu/sustainability/greenweek/index.htm

**Last Day**

Wednesday, October 24, is the last day to drop a fall class or make any modifications. Paperwork and signatures are required.

**Staying Focused**

Tuesday, October 23, 4:30-5:30 in STEW Rm. 313. Free workshop for Purdue students on improving motivation and concentration.

**Here are some upcoming events with EAPS and PUMA:**

October 24, 2012: EAPS Graduate School Panel-This event is open to anyone in EAPS the department or has interest in graduate school in an “EAPS” program. PUMA and PUGS are sponsoring the event. It starts at 6:30 in HAMP 3201 on Wednesday October 24th. The panelists include the department head and several professors and graduate students.

October 31, 2012: PUMA Pumpkin Carving-6 PM in 4251 HAMP. Only members who have paid dues will be allowed to carve pumpkins. We will have a short business meeting followed by carving and Halloween treats.

November 13, 2012: NWS Roadshow-This will be at 4:00 in HAMP 2201. This is an annual event where the National Weather Service visits campus and gives tips on resume building and job applications. Afterwards, there will be a dinner at a local restaurant; however, only dues paying members will be invited to eat.

**October Birthdays**

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

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.
Explore the world with our colleagues who will present pictures, videos and stories from their travel to areas unlike Indiana. Hear about where they went, why they went, and learn about interesting landscapes, various cultures, and exciting experiences.

This is an informal brown bag gathering

RUTH ARONOFF

OMAN: CASTLES, OASES, AND THE CRUST/MANTLE BOUNDARY

Friday, October 26
12:00-1:00pm
2201/HAMP
10th Annual EAPS/PRIME Lab Hog Roast

October 27, 2012
5:30pm - ??

At the home of Marc and Suzanne Caffee
4110 Farmstead Ln.
West Lafayette, IN

Please Bring:
A side dish or drinks, and a chair to sit on!

Directions:
From campus take SR26 west. Turn right onto N 400 W. Turn left onto Farmstead Ln. Third house on the right.
Designing Resilience in a Black Swan World

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.

Monday
Oct. 22, 2012
3:30 pm
Fowler Hall
Stewart Center

Free & open to the public

For More Information
Visit www.purdue.edu/discoverypark/dls/  |  Contact Cindy Ream: cream@purdue.edu  |  765-494-0015
The 19th Hubert M James Lecture
Frank Wilczek, 2004 Nobel Laureate

Herman Feshbach Professor of Physics
Massachusetts Institute of Technology

Wednesday, October 24th, 2012 at 4:30 P.M.
Physics room 114  (coffee at 4pm in room 242)

Quantum Beauty

Does the world embody beautiful concepts? Mystics and philosophers long imagined that it should, and scientists gathered hints that it does, but it is really only in the twentieth century, with the development of quantum theory, that the answer emerged as a triumphant "Yes!" I'll narrate the rich intellectual history of this question, including many striking images. Then I'll discuss how looking for beauty suggests new ideas in physics today.

Biography
Professor Frank Wilczek is considered one of the world's most eminent theoretical physicists. He is known, among other things, for the discovery of asymptotic freedom, the development of quantum chromodynamics, the invention of axions, and the discovery and exploitation of new forms of quantum statistics (anyons). When only 21 years old and a graduate student at Princeton University, in work with David Gross he defined the properties of color gluons, which hold atomic nuclei together.

Professor Wilczek has been a Sloan Foundation Fellow (1975-77) and a MacArthur Foundation Fellow (1982-87). He has received UNESCO's Dirac Medal, the American Physical Society's Sakurai Prize, the Michelson Prize from Case Western University, and the Lorentz Medal of the Netherlands Academy for his contributions to the development of theoretical physics. In 2004 he received the Nobel Prize in Physics, and in 2005 the King Faisal Prize. He is a member of the National Academy of Sciences, the Netherlands Academy of Sciences, and the American Academy of Arts and Sciences, and is a Trustee of the University of Chicago. He contributes regularly to Physics Today and to Nature, explaining topics at the frontiers of physics to wider scientific audiences. He received the Lilienfeld Prize of the American Physical Society for these activities. Two of his pieces have been anthologized in Best American Science Writing (2003, 2005). Together with his wife Betsy Devine, he wrote a beautiful book, Longing for the Harmonies (W.W. Norton) an exposition of modern physics which was named a NYTimes Notable Book of the Year. Frank is also the author of Fantastic Realities, a "playful yet profound" collection of his short pieces on wide-ranging topics, which concludes with a family's-eye view of the Nobel adventures, drawn from Betsy's blog. Frank's latest book, The Lightness of Being, is a lively, playful, and inventive tour de force as well as a colorful and masterful treatment of recent developments in fundamental physics.
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.
Alumni, students & friends!
Join us for the
5th annual Purdue Reception
at the ThirstyBear Brewing Co.

Date: Wednesday, December 5, 2012
Time: 7:00 pm - 9:00 pm
ThirstyBear Brewing Co.
UPSTAIRS in the BILLAR ROOM
661 Howard Street, San Francisco, CA

For more information, please contact the
Department of Earth, Atmospheric, and Planetary Sciences
at 765-494-3258
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 (mryker@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, tollyc@purdue.edu, with the Subject: Library Scholars Grant, no later than 5:00pm, Friday, November 16, 2012.
Purdue University Libraries
2012-2013 Library Scholars Grant Program

Guidelines for Proposals

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,
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

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
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
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LARSS Program Coordinator
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Deborah.B.Murray@nasa.gov

Find additional LARSS information, application, and deadlines at http://www.nianet.org/larss
Environmental Aqueous Geochemist, Assistant Professor

The Geoscience Department at Indiana University of Pennsylvania invites applications for a full-time tenure-track faculty position at the Assistant Professor level in the area of Environmental Aqueous Geochemistry. This is one of two open positions available in the Geoscience Department as part of an expansion of a campus-wide interdisciplinary research cluster in Energy Sustainability, focused on multiple aspects of natural resource development and extraction. The start date is Fall 2013.

Qualifications: We seek an individual with a strong background in environmental geochemistry. Specific research interests may include groundwater-surface water interactions, cross-contamination of aquifers, fluid flow and reactive transport, and/or the impact of resource extraction on watersheds. Candidates should demonstrate outstanding skills and enthusiasm for teaching undergraduate students and the ability to develop a strong research program involving undergraduates in both field and laboratory settings. A Ph.D. is required at the time of appointment. Candidates must communicate effectively and perform well during the interview(s), which will include a teaching demonstration. All applicants must be work-eligible.

Responsibilities: The successful candidate will be expected to teach 12 contact hours each semester. Teaching responsibilities may include undergraduate courses in Hydrogeology, Geochemistry, Environmental Geology and/or additional courses defined by the candidate’s specialty. In addition, the candidate must have a strong interest in and commitment to teaching introductory courses in Geoscience to both majors and non-majors. He/she will also be expected to advise undergraduate research projects and develop a joint faculty-student research program.

Application Materials: Applicants should submit, via either electronic or hard copy, a cover letter discussing their qualifications, a statement of teaching and research interests, copies of academic transcripts and a curriculum vita. Applicants should also arrange for three reference letters to be sent directly to the Chair of the search committee. Dr. K. L. Farnsworth, kfarns@iup.edu, Search Committee Chair, IUP Geoscience Department, 111 Walsh Hall, Indiana PA, 15705. The IUP Geoscience Department is located in the heart of the Appalachian Basin and offers a field-oriented program in an undergraduate-only setting. More information about the Geoscience Department, the University, and the surrounding area is available at our department website: http://www.iup.edu/geoscience.

Full consideration will be given to applications received by January 4, 2013. Review of applications will continue until the position is filled. IUP offers competitive salaries and benefits. http://www.iup.edu/employment

IUP is a member of the Pennsylvania State System of Higher Education and is an equal opportunity employer M/F/H/V.
Mineralogist/Petrologist, Assistant Professor

The Geoscience Department at Indiana University of Pennsylvania invites applications for a full-time tenure-track faculty position at the Assistant Professor level in the area of Mineralogy and Petrology. This is one of two open positions available in the Geoscience Department as part of an expansion of a campus-wide interdisciplinary research cluster in Energy Sustainability, focused on multiple aspects of natural resource development and extraction. The start date is Fall 2013.

Qualifications: We seek an individual with a strong background in mineralogy and petrology, with preference given to those with specific research interests that include a focus on energy and earth materials. Possible research interests could include any aspect of igneous, metamorphic, or sedimentary petrology and geochemistry, but preference will be given to candidates whose research relates to energy resources and Earth materials. Candidates should demonstrate outstanding skills and enthusiasm for teaching undergraduate students and the ability to develop a strong research program involving undergraduates in both field and laboratory settings. A Ph.D. is required at the time of appointment. Candidates must communicate effectively and perform well during the interview(s), which will include a teaching demonstration. All applicants must be work-eligible.

Responsibilities: The successful candidate will be expected to teach 12 contact hours each semester. Teaching responsibilities will include a course on Mineralogy and Petrology and additional courses defined by the candidate’s specialty. In addition, the candidate must have a strong interest in and commitment to teaching introductory courses in Geoscience to both majors and non-majors. He/she will also be expected to advise undergraduate research projects and develop a joint faculty-student research program.

Application Materials: Applicants should submit, via either electronic or hard copy, a cover letter discussing their qualifications, a statement of teaching and research interests, copies of academic transcripts and a curriculum vita. Applicants should also arrange for three reference letters to be sent directly to the Chair of the search committee. Dr. K. L. Farnsworth, kfarns@iup.edu, Search Committee Chair, IUP Geoscience Department, 111 Walsh Hall, Indiana PA, 15705. The IUP Geoscience Department is located in the heart of the Appalachian Basin and offers a field-oriented program in an undergraduate-only setting. More information about the Geoscience Department, the University, and the surrounding area is available at our department website: http://www.iup.edu/geoscience.

Full consideration will be given to applications received by January 4, 2013. Review of applications will continue until the position is filled. IUP offers competitive salaries and benefits. http://www.iup.edu/employment

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CALL FOR ESSAYS & CREATIVE PROJECTS

6th Annual Undergraduate Ethics Symposium at DePauw University - April 11-13, 2013

Symposium Theme: “Ethics & the Environment”
We also accept and encourage submissions in all areas of ethical inquiry.

Highlights:
- Symposium held at the Prindle Institute for Ethics, located in a 500 acre Nature Park.
- Participating students attend seminars with visiting scholars and artists.
- Students’ travel (up to $400), lodging and meals while at DePauw will be covered.

Submissions:
Deadline: February 1, 2013
- Accepted submissions can be
  - Analytic essays (3,500 word max.)
  - Works of fiction (3,500 word max.)
    - Poetry (5-10 poems)
  - Plays (up to 10 pages in length)
  - Photographs (approx. 10 photos)
  - Films/documentaries (up to 10 min. long)

Please send submissions to Nicki Hewell at prindleues@depauw.edu

For More Information:
Please visit our website
www.depauw.edu/academics/centers/prindle
or call us (765) 658-5021.