EAPS MEETINGS
Friday, November 1 – Executive Council Meeting
Room HAMP 2201, 9:00-10:00 am

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EAPS SEMINARS
Monday, October 28 – ATMS Seminar
Room HAMP 2201, 3:30-4:30 pm

Thursday, October 31 – no EAPS Seminar scheduled

EAPS NEWS
EAPS STUDENTS PARTICIPATE IN 2013 JOINT PGI/ALL UNIVERSITIES ROAMING FIELD TRIP
Twelve graduate and undergraduate students participated in the 2013 Joint PGI/All Universities Roaming Field Trip "Fossils and Stratigraphy of the Upper Ordovician Standard in south eastern Indiana" lead by Dr. Ben Datillo of IUPU - Fort Wayne on October 19th. They spent the day collecting fossils and learning about the upper Ordovician strata on a transect from Richmond to Lawrenceburg, IN. Those participating included: Jia Shi, Rejith Raghavan, Lucia Liu, Ruichao Ye, Alex Haberfield, Christine Kassab, Tucker McCord, Hunter Betz, Kate Verner, Fan Wang, Ethan Starling, and Megan Neary.

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PURDUE UNIVERSITY TEACHING ACADEMY INDUCTS 13
The Purdue University Teaching Academy welcomed 13 new members in an induction and recognition ceremony held on Wednesday October 9. This year's 11 fellows and two associate fellows were nominated by their college or school based upon their outstanding contribution to teaching and learning, and reviewed by their peers in the Teaching Academy. One of the inductees for 2013 was our very own Sonia Lasher-Trapp. See complete story at: http://www.purdue.edu/newsroom/purduetoday/releases/2013/Q4/purdue-university-teaching-academy-inducts-13.html
TIM ROCKS IT ON LIVE TV
Using the Impact:Earth! asteroid impact calculator Purdue's Tim Bowling explains the effects on Indiana if a large newly discovered asteroid were to land on Bloomington. The show aired on WISH-TV's Indy Style on Wednesday, October 23. See complete story at http://www.wishtv.com/indy-style/calculate-the-effects-of-an-asteroid-impact

POSTDOCS AND GRADUATE STUDENTS
NEXT GENERATION SCHOLARS
The PGSG Academic & Professional Development Committee invites all graduate students to participate in the Next Generation Scholars Research Fair on November 21. This research fair will provide graduate students with an opportunity to share their research, via poster presentations, demonstrations, and brief oral discussions, with the 7th and 8th grade students from Lafayette Tecumseh Junior High School. Application deadline is November 3. See attached flyer for additional information.

GRADUATE WRITING RETREATS
The Purdue Writing Lab is hosting a university-wide Graduate Student Writing Retreat on Wednesday, October 30 from 6-9pm in Lawson 1142. This lab is intended for all graduate students who need a quiet place to write with access to helpful tutors. See flyer for additional details. Registration is encouraged. You may register at: https://purdue.qualtrics.com/SE/?SID=SV_0jObu0a31PeQfGt.

RCR WORKSHOP-AUTHORSHIP & PUBLICATION
On November 7, from 12:00-1:30pm in LWSN 1142, the Graduate School will present a RCR workshop entitled Authorship & Publication. This RCR workshop is one of the three required for all EAPS graduate students. Registration is required. To register, please go to http://www.gradschool.purdue.edu/RCR/.

SMITHSONIAN FELLOWSHIP
The Committee on Institutional Cooperation (CIC) and the Smithsonian Institution (SI) invite fellowship applications for one-year fellowships to support research in residence at Smithsonian Institution facilities. Fellowships carry a stipend of $30,000. See Program Guide for full details. The application materials must be submitted electronically through https://solaa.si.edu by November 1, 2013 at 5 PM.

PURDUE PERMAFROST CONFERENCE
On behalf of the organizing committee, the School of Civil Engineering would like to invite you to attend the one-day workshop "Cold Regions Engineering: The 50th Anniversary of the Purdue Permafrost Conference (1963-2013) and Remembrance of C. W. Lovell" on Friday, November 15, 2013. The event will take place at the Bowen Laboratory, Purdue University, Room 1003. Space is limited. Please register for the Conference, transportation, and lunch before November 11, 2013 at 3:00pm by contacting Cathy Ralston (catherin@purdue.edu, phone: 765-494-5025, fax: 765-494-0395).

More details on the workshop can be found at: https://engineering.purdue.edu/CE/Academics/Groups/Geotechnical/Details/seminar/Lovell

EAPS IN PURDUE TODAY
ASTROID EXPERT SAYS SURVEILLANCE IS KEY TO SURVIVAL; PLANNING IS KEY TO DEFENSE
For the threat of meteor strikes large or small, early detection is key, and evacuation may be the only defense needed within the next 1,000 years, according to an asteroid impact expert.

The best investment in asteroid defense is not in weapons to deflect them, but in telescopes and surveys to find them, said H. Jay Melosh, co-author of the 2010 National Research Council report "Defending Planet Earth" that explored the feasibility of detecting all Earth-crossing asteroids greater than 140 meters in diameter and ways to mitigate their hazard.

In addition to his expertise in the effects of asteroid impacts, Melosh has been involved in asteroid deflection research for years. He was a co-investigator on NASA's 2005 Deep Impact mission, which successfully targeted and hit a comet with a spacecraft. He also developed an approach to deflect an asteroid through the evaporative effects of focused sunlight in 1993. A paper detailing this work was published in the Nov. 4, 1993 issue of Nature. See complete story at http://www.purdue.edu/newsroom/releases/2013/Q4/asteroid-expert-says-surveillance-is-key-to-survival-planning-is-key-to-defense.html

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ASSISTANT PROFESSOR OF GEOLOGY
Grand Valley State University is seeking a tenure-track Assistant Professor of Geology in Environmental/Aqueous Geochemistry to begin Fall 2014. See position announcement and details to apply at www.gvsujobs.org. Review of applications begin December 1, 2013.

LECTURER POSITION
The Department of Geology and Environmental Earth Science at Miami University invites applications for a full time Lecturer faculty position on the Oxford campus beginning August 2014. The position requires instruction of undergraduate foundation level courses, such as physical geology and environmental geology, and intermediate level courses. Review of applications will begin January 13. See attached flyer for details.

UNDERGRADUATE AND GRADUATE STUDENT INFORMATION

AMS MENTORSHIP PROGRAM SEEKS STUDENTS
The mentorship program is seeking a limited number of senior-level undergraduate and graduate students who are focused on building a career in the private sector. This program will give students the skills necessary to stand out in the eyes of employers. In order to ensure students have an opportunity to build a strong working relationship during the 2013/2014 academic year, we request that applications to join this mentorship program be submitted by November 5th 2013. Applications may be accepted later in the year; however, the number of mentors is limited so we encourage students to apply as soon as possible. Students can apply online:
http://www.ametsoc.org/boardpges/bpsm/mentorstudentapp.html

For more information about the BPSM mentorship program, including student testimonials and mentor profiles, please visit
http://www.ametsoc.org/boardpges/bpsm/mentorshipprogram.html, or contact BPSM@ametsoc.org.

STUDENT PRESENTER NEEDED
The Indiana Chapter of the Air & Waste Management Association (A&WMA) www.inawma.org is looking for a student presenter for our upcoming Winter Technical Meeting to be held on Thursday, December 12th in Indianapolis, IN. This is a great opportunity for students, both undergraduate and graduate, as well as faculty and staff, to network with leading environmental, health and safety professionals! Suggested presentation topics include environmental-related research, intern experience or other air or waste-related topics. Length of presentation should be between 15-20 minutes. Attendance and travel costs (which includes lunch) for the student presenter will be covered by the Indiana Chapter. Faculty and other students are encouraged to join us for the meeting at a reduced rate. Requests to present should be emailed to Brooke A. Myer, Education Chair, at bmyer@trinityconsultants.com no later than November 1st.

2014 SUMMER TERM INTERNSHIP/FELLOWSHIP OPPORTUNITIES
The Office of Science / Office of Workforce Development for Teachers and Scientists (WDTS) is pleased to announce that it is accepting applications to its 2014 Summer Term internship/fellowship opportunities at Department of Energy (DOE) Laboratories. These competitive, paid internships, are for 10 weeks during the Summer Term (May to August timeframe), and include support for travel and housing.

The three programs accepting applications are:

- Science Undergraduate Laboratory Internship (SULI). More information about SULI and access to the online application can be found at http://science.energy.gov/wdts/suli/
- Community College Internships (CCI) More information about CCI and access to the online application can be found at http://science.energy.gov/wdts/cci/
- Visiting Faculty Program (VFP). More information about the VFP and access to the online application can be found at http://science.energy.gov/wdts/vfp/

Applications for these three programs must be completed and submitted online by 5:00 PM ET on January 10, 2014 (including all required application materials and recommendations).

LIBRARY SCHOLARS GRANT PROGRAM
The Purdue University Libraries will continue the Library Scholars Grant Program which is designed to provide grant awards of up to $5,000 to untenured tenure-track members of the Purdue faculty, and recently tenured or hired Associate Professors to help them gain access to library materials necessary for research required for their continued growth as faculty members. 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 15, 2013.

In addition, Libraries faculty members, Jean-Pierre Herubel and Larry Mykytiuk will be conducting a brown bag informational session about the Library Scholars Grant Program (LSG) on Thursday, October 31 from 12:00-1:00pm in the HSSE Conference Room, STEW, Room 353. (Conference room is located on the third floor of the Humanities, Social Science, and Education Library). For more information about the Library Scholars Grant Program and proposal guidelines, please visit:
http://www.lib.purdue.edu/scholars
Faculty and staff can get an estimate of their total cash outlay under each of Purdue’s 2014 medical plans by using the Truven Informed Enrollment tool, which is ready now.

Employees go to the Purdue University Employee Portal at www.purdue.edu/employeeportal, click the EBenefits link and then log on using their Purdue career account and password. A link to Truven Informed Enrollment is on the right side of the EBenefits home page under the “Benefit Tools” section. Truven Informed Enrollment starts with the employee’s medical and prescription drug claims having dates of service between April 2012 and March 2013. Truven then shows how the employee would fare under each of the 2014 medical plan options, if the employee had similar expenses next year. See complete story at http://www.purdue.edu/newsroom/purduetoday/releases/2013/Q4/truven-informed-enrollment-tool-available-now.html.

Greater Lafayette Commerce is seeking nominations of students who provide extraordinary community service for the Community Activity Recognition Awards. Faculty and staff members are encouraged to nominate students and student organizations for the awards. Interested faculty and staff may nominate up to three students or an organization from their school or department and provide examples of their community service in Greater Lafayette. Both Purdue and Ivy Tech students are eligible for nomination.

Nominations should include the names and email address for student nominees and one student contact for student organization nominees. Nominations are due by Nov. 6 and should be sent to Sara Yelich at syelich@greaterlafayettecommerce.com with the subject line “CAR Nomination.”

Greater Lafayette Commerce will email participation forms to each nominee requesting more information about their involvement in the community, academic accomplishments and plans for the future. Recipients of the award will be honored during a ceremony during a Purdue women’s basketball game.

The Honors College is currently scheduling Honors College (HONR) courses for the 2014-15 year. The process is open to all Purdue faculty on the WL campus who are interested in offering interdisciplinary coursework for honors students, who themselves come from every disciplinary college on campus. Details about course size, compensation and more are in the call for proposals. Proposals are due by November 1. To submit a proposal, go to www.purdue.edu/honorscollege/inner/courses/proposal.html.

Questions should be directed to Emily Allen, Associate Dean in the Honors College, at 494-9393 at elallen@purdue.edu.

The Center for Healthy Living is providing free flu for all CIGNA insurance eligible employees, plus spouses/same-sex domestic partners (SSDPs) who are covered on Purdue’s medical plan. Appointments are available from 8 a.m. to 4:30 p.m. on Thursdays and Fridays, Oct. 4 through Nov. 8. To schedule, eligible individuals should call the center at 49-40111. Beginning October 31, you may get a flu shot without an appointment. Just stop by the Center anytime during the above hours. The Center for Healthy Living is located in the Purdue West Shopping Center at 1400 W. State St. Free parking is available, and no permit is needed.

Purdue Promise is looking for students to help fellow students academically, provide leadership, and make a difference. Required GPA of 3.0 and excellent communication skills.

Callout is October 30 at 6 p.m. in ME Rm. 2004. If interested, I have more details on the application process and requirements.

“My name is Rachel Clayton and I am a member of Purdue FIRST Programs, an on campus organization that focuses on teaching, mentoring, and leading elementary through high school aged students participating in FIRST robotics programs. Purdue FIRST allows Purdue students to work one-on-one with elementary through high school aged students to teach them important life skills, such as teamwork, leadership, and responsibility, while sparking their interest in STEM related areas of study. No previous experience or background in robotics or FIRST robotics programs is necessary to make an incredible impact on a student's life.
We, in Purdue FIRST Programs, feel that your students may have an interest in joining Purdue FIRST. A 2-credit hour leadership class is required for joining Purdue FIRST in order to provide the necessary tools and resources for our mentors. This class is also used as a reward our mentors by allowing them to receive class credit for all of the hard work they do.

See attached flyer with more information about Purdue FIRST Programs. There will be a callout on Monday, November 4 at 6 p.m. in ME 1051 for anyone who is interested! Class details are listed below:

Class Number/Title: ME 297 – First Leadership Class
CRN: 52328
Students can also visit www.purduefirst.org or email president@purduefirst.org for more information.
Rachel Clayton
Purdue University - Chemistry
Purdue FIRST Programs
American Chemical Society - Student Affiliates
rclayto@purdue.edu

IMPORTANT NOTICE ABOUT THIS NEWSLETTER
This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAPS website at www.purdue.edu/eas/ and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Terri Moore (terri@purdue.edu) by 5:00pm Thursday of each week for inclusion in the Monday issue.

If it is in the newsletter, we assume you know about it and no other reminders are needed. For answers to common technology questions and the latest updates from the EAPS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.
Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at http://eaps.purdue.edu.
Lecturer Faculty Position - Geoscience

The Department of Geology and Environmental Earth Science at Miami University invites applications for a full time Lecturer faculty position on the Oxford campus beginning August 2014. This position requires instruction of undergraduate foundation level courses such as physical geology and environmental geology, and intermediate level courses. Preference will be given to candidates with expertise in one or more of the following areas: environmental geoscience, climate/energy, high-temperature geochemistry and igneous/metamorphic petrology, and paleobiology/paleontology. The successful candidate will advise undergraduate students and provide professional service to the department and university. We encourage applications from geoscientists with interests in contributing to supervision of undergraduate student research and field-based experiences. Require: M.S. in geoscience by date of appointment and documented teaching experience. Desire: Ph.D. in geoscience. Miami University’s Oxford Campus, with nearly 15,000 undergraduate and over 1,800 graduate students, is located in a small-town setting adjacent to the Cincinnati and Dayton urban areas. More information on Miami and on the department may be obtained via http://www.miamioh.edu and http://www.miamioh.edu/geology. Interested candidates should submit a packet containing a letter of application; curriculum vitae; statement of teaching philosophy, objectives and accomplishments (as “other document”) and transcripts (as “list of references”) to: www.miamiujobs.com/applicants/Central?quickFind=53195; and arrange for three letters of reference to be sent to GLGSearch@MiamiOH.edu. Review of applications will begin January 13, 2014 and continue until the position is filled. Miami University is an EOE/AA employer with smoke- and tobacco-free campuses. Miami’s Annual Security and Fire Safety Report with information on campus crime, fires, and safety may be found at: http://www.MiamiOH.edu/campus-safety/annual-report/index.html. Hard copy available upon request. Employment will require a criminal background check according to University guidelines.
5th Next Generation Scholars Research Fair

Thursday, November 21 at DLRC 131,134

Registration deadline: Sunday Nov 3rd, 2013
Application at:
http://web.ics.purdue.edu/~pgsg/next-generation-scholars-research-fair/

All Purdue graduate students are invited to participate & showcase their research to the community!

Requirements:
250 word research abstract
Available on Nov 21 from 9-11am
Create a poster for 7th – 8th grade level students

Benefits:
Professional development
Community engagement
Free poster printing
Free lunch
Laser Pointer and ear buds to each presenter

Tentative Schedule
8:00am – 8:50am: Graduate students arrive to set-up
9:00am: Middle school students arrive
9:10am: Welcome address
*Speaker: Dr. Tom Atkinson (Associate Dean of the Graduate School)
9:20am – 11:00am: Graduate Student Poster Presentations & Boilermaker Special campus tours
11:00am – 1:00pm: Flex Schedule /Lab tours
1:00pm: Invitation to lunch at Ford Dining Court middle school students

Organized By -
Academic and Professional Development Committee
Contact– vermad@purdue.edu tang45@purdue.edu
Purdue FIRST Program

Seeking a fun elective course or a new way to get involved? Purdue FIRST Programs gives students the opportunity to do both.

FIRST is an international nonprofit organization founded in 1992 that sponsors a series of robotics competitions for K-12 students. Purdue FIRST Programs is a student-run organization founded to provide mentorship and support to the growing numbers of FIRST programs in local elementary, middle, and high schools.

Part leadership class and part mentoring organization, Purdue FIRST offers multidisciplinary opportunities to students in any major who are interested in promoting STEM education. This class allows Purdue students to work one-on-one with elementary through high school aged students to teach them important life skills, such as teamwork, leadership, and responsibility, while sparking their interest in STEM related areas of study. Members of Purdue FIRST Programs enroll in a 2-credit-hour leadership course and work with one of the following teams all semester:

FIRST Robotics Competition Mentor - Work with high school students to build technically-advanced robots for an annual competitions

FIRST Lego League Mentor - Work with elementary or middle school students to build lego-based robots and lead them in a STEM-based research project

Regional Coordination - Work with other Purdue FIRST students to plan two annual robotics competitions that draw FIRST participants from all over the nation

Industrial Relations - Work with university and corporate partners to maintain current and acquire new financial sponsorship for the organization

Public Relations - Plan Purdue FIRST Recruitment and represent the organization at campus events.

Information Technology - Maintain the organization's web presence, develop a scheduling and scoring app for the spring competition

No previous experience is necessary for any subteam. Even if you have no background in STEM, you can still make a huge impact on the lives of students! There will be a callout on Monday, November 4 at 6 p.m. in ME 1051 for anyone who is interested!

Class details are listed below:
Class Number/Title: ME 297 – First Leadership Class
CRN: 52328

Students can also visit www.purduefirst.org or email president@purduefirst.org for more information.