Upcoming MEETINGS

Friday, September 7, 8:15 – 9:15 am, HAMP 2173
EAPS Executive Committee Meeting

Friday, September 7, 10:30 – 11:30 am, HAMP 2201
G&G Group Meeting

Friday, September 7, 12:00 – 1:00 pm, HAMP 2201
EAPS Armchair Traveler Series – Ian Pope

Tuesday, September 11, 3:00 – 5:00 pm, HAMP 3201
EAPS Faculty Meeting

EAPS SEMINAR

Monday, September 10, at 9:30 am in HAMP 2201
MASSIMO BOLLASINA, PCCRC candidate, “The SouthAsian summer monsoon: an ideal test bed for investigating physical processes and feedbacks in the climate system.”

CAMPUS-WIDE SEMINARS

A Symposium On The Intersection Of Literature, Mathematics, And Physics. BORGES AND THE SCIENCES, Wed. Oct. 3, 2012, STEW 214 ABCD, 9:30 am–12:00 pm; 1:30 pm–4:00 pm; Free Event, All Welcome.
http://masters.krannert.purdue.edu/borges-symposium/

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

CICP Faculty Commercialization Award
Nominations are being sought for the 2012 CICP Faculty Commercialization Award and should be submitted to John Schneider, Assistant VP for Industry Research/Outreach Chair by Sept. 7, 2012. Nominations can be sent electronically (jas@purdue.edu), fax 496-3829 or sent campus mail (VPR/HOVD). The award is expected to be presented at the end of October or early November. (Details in attached flyer)

The PURDUE WATER COMMUNITY (PWC) is sponsoring an event, Thurs., 9/6/2012.
(Details in attached flyer)

WABASH RIVER ENHANCEMENT CORPORATION

Fall Wabash Sampling blitz, Friday, Sept. 28, 2012.
Click link for more details and to register:
http://www.wabashriver.net/

RECENT EAPS PUBLICATIONS, PRESENTATIONS & AWARDS

Aug 24, the Cloud Microphysics Group led by Sonia Lasher-Trapp hosted the Midwestern Cloud Forum, where faculty and graduate students from Purdue and the University of Illinois Urbana-Champaign exchange work and ideas regarding cloud research.

Aug. 28-30, Sonia Lasher-Trapp participated on the DOE review panel to evaluate the proposed PNNL Climate Change Research focus areas for 2013-2015 in Washington, DC.

Aug. 30, Angel Torres-Valcarcel, EAPS PhD candidate, offered a presentation about the “Sustainable Schools Program” (SSP) for the SEEDS Workshop organized by the Green Building Council Caribbean Chapter in Puerto Rico.

Aug. 6-7, EAPS Faculty and Students Participate in Mid-Western Middle- and High-School Earth Science Teacher Workshop. The workshop was designed to help bring additional earth science to the classroom. The workshop was coordinated by the NSF funded OIINK project (www.indiana.edu/~oiink/index.php) and Illinois State University, and focused on the geology and tectonics of the central portion of the United States. During the workshop, 30 teachers from Illinois, Indiana, Missouri, and Kentucky learned about intraplate seismicity and helped install seismometers.

For more information, see "Series I" attached flyer.

**NSF Innovation Corps Teams Program (I-Corps Teams)** The purpose of the Teams grant is to give the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects. The outcomes of I-Corps Teams projects will be threefold: 1) a clear go or no go decision regarding viability of products and services, 2) should the decision be to move the effort forward, a transition plan for those projects to move forward, and 3) a technology demonstration for potential partners. Deadline: December 17 and quarterly thereafter.

**EPA Environmental Education Regional Grants** EPA is seeking proposals to support environmental education projects that promote environmental stewardship and help develop knowledgeable and responsible students, teachers, and citizens. …more » This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques, and that will serve as models that can be replicated in a variety of settings. Deadline: November 21.

**USGS Mineral Resources External Research Program (MRERP)** The MRP is expanding its efforts in critical minerals research on commodities that are of increasing importance to economic and national security and may be subject to disruption in supply. To complement these new and expanded research efforts, the FY 2013 MRERP is soliciting research proposals that address one or more of the following topics: The Mid-continent Rift of the U.S.; Alaska as a mineral resource frontier; Hyperspectral imaging or other geophysical investigations of selected regions of the U.S.; Materials flow studies; and Critical Mineral Resources. Deadline: September 26.

**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)  
Series II: Expanding Your Teaching Toolkit (For more information, see "Series II" attached flyer)

The Graduate School will hold one more New Faculty Mentoring Workshop  
Thursday, September 6, 2:00-4:00pm, STEW 322

The purpose of the workshop is to help prepare new faculty to supervise and mentor graduate students. Participation in the workshop is *required* for new faculty who have had minimal experience directing graduate students and who seek appointment to the Graduate Faculty. For more information, and to register for a workshop, please see http://www.gradschool.purdue.edu/whatsnew/Mentoring-Fall2012.cfm.
DISCOVERY PARK ANNOUNCES A NEW FACULTY RESEARCH FELLOWS AND SCHOLARS INITIATIVE.

All eight core DP centers except the Bindley Bioscience Center and the Birck Nanotechnology Center are eligible to participate for the 2012-2013 DP-wide Research Fellows and Scholars Program. The Bindley Bioscience Center and the Birck Nanotechnology Center administer separate programs. See http://www.purdue.edu/discoverypark/main/initiative.php.

Discovery Park seeks to engage the campus in the development, expansion and application of new science and engineering research and technologies. The program is directed at faculty on the West Lafayette campus (tenure-track/tenured and clinical) at all academic ranks who feel their research will benefit from access to the interdisciplinary environment and resources at Discovery Park. Fellows and Scholars will be chosen on a competitive basis following nomination by both their department/unit head/chair and the appropriate Discovery Park center director with approval of the college dean. Appointment to the Fellows program is for one calendar year, while appointment to the Scholars program is for two calendar years. Departments/units will receive $25,000/year for each fellow and scholar as compensation for the partial release from academic responsibilities of faculty serving as Discovery Park Research Fellows or Scholars. Each fellow and scholar may receive up to $10,000/year for use in Discovery Park core research facilities during their appointment. The appointment period will begin January 1, 2013.

A complete nomination packet is due September 5, 2012. Details regarding the nomination packet submission can be found at the program announcement link above. Please contact Wendy Field (wfield@purdue.edu) for additional details.

**NSF’S “EAST ASIA & PACIFIC SUMMER INSTITUTES” (EAPSI)**

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.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284

There are scores of host universities, some which you will recognize as Purdue partners. The direct link follows for convenience.

http://www.nsf.gov/od/oise/eapsi-host-lists-all.jsp

Cyndi Lynch, Purdue Graduate School, is the coordinating this program. The application deadline is Nov. 8, 2012.

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NSF GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)

**Application Deadline(s):** (submitted by 8 p.m. EST):

- 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

**Eligibility Criteria**

Fellowship applications must be submitted by the prospective Fellow. Applicants must register with Fastlane (https://www.fastlane.nsf.gov/fastlane.jsp) prior to submitting an application. Confirmation of acceptance in an NSF-approved graduate degree program is required at the time of Fellowship acceptance, by May 1, 2013. Prospective Fellows must enroll in an accredited United States university, college, or non-profit academic institution of higher education offering advanced degrees in science and engineering by Fall 2013.

**Available Formats:**


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**GEOLOGY DEPARTMENT OPENING SOUTHERN ILLINOIS UNIVERSITY**

The Department of Geology at Southern Illinois University (http://www.geology.siu.edu/) is looking for someone to fill a tenure track faculty position in Stratigraphy and Sedimentology. The position announcement is attached and is also available at this link (COS-95): http://www.siu.edu/jobs.

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*** EAPS GRADS * Chesapeake Energy Corp. Interviews**

**September 14, 2012**

Chesapeake Energy Corporation will present an informational session on Thursday, Sept. 13th in Room 2201/HAMP at 5:30PM. All interested students are invited to attend. Food will be provided.

On Friday, September 14, Chesapeake Energy Corp. will be interviewing for their summer Internship program. These are full time, paid internships based in Oklahoma City, OK. (See attached flyer for more details)
CALL FOR AUTHORS: VERSITA OPEN ACCESS BOOKS PROGRAM, EARTH SCIENCES

Versita Ltd, an emerging science publisher with many open-access journals to its name is proud to announce a call for authors for its Open-Access Books Program in Earth Sciences. The open-access model will ensure much wider readership of monographs than the traditional model!

Please read the attached announcement for details. If you or anyone you know might be interested in submitting or discussing a book proposal with us, or have any questions or concerns, please contact, Shawn Milrad, Managing Editor, Earth Sciences at smilrad@versita.com

COMMUNITY SERVICE LEARNING GRANTS

Purdue students or student organizations can apply for community service learning projects from the Office of Engagement. The goal is to expand the community involvement of Purdue students in partnership with communities, nonprofit agencies, schools and governmental bodies.

See [www.purdue.edu/engagement/service/sgpcs.shtml](http://www.purdue.edu/engagement/service/sgpcs.shtml)

Applications are due for the fall semester projects on or before Sept. 14. Inquiries can be directed to Denise Hilton in the Purdue Office of Engagement at 49-40899 or d3@purdue.edu.

A Note from Our Academic Counselor

**EAPS Department Ice Cream Social!**
Sponsored by PUGS and PUMA. **Thursday, September 13 from 2-3:30** on the brick patio on NW side of CIVL/HAMP (between HAMP and ARMS). All EAPS faculty, staff, and students are invited. (See flyer at the end of the Newsletter)

**Industrial Round Table Job Fair**
Sponsored by Purdue Engineering Student Council (PESC)

Recognized as one of the largest student-run job fairs in the nation, the Industrial Roundtable is an interactive, two-day job fair that annually attracts roughly 300 companies and over 10,000 students from Purdue University. The fair is open to all undergraduate and graduate students throughout the wide variety of majors offered in engineering, management, science, technology, and business. Visit [http://www.purdueesc.org/](http://www.purdueesc.org/) for more details; this fair is a place to search for internships and permanent employment.

**Seminars:** Monday, September 10, 8:30am - 5:30pm
**Job Fair:** Tuesday, September 11 and Wednesday, September 12 at the Purdue Memorial Mall.
**Interviews:** Wednesday, September 12 - Friday, September 14

**Job Search Assistance**
The CCO will hold resume and interviewing workshops to help you prepare.

Resume Blitzes: 10:00 am – 4:00 pm in STEW Rm. 190 and 194 on **September 6, 7, and 10**. Interviewing Workshop: Thursday, **September 6**, 4:30-5:30 p.m. in RAWL Rm. 1011.

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National Science Fellowships for Graduate School
The College of Science is undertaking a number of initiatives to help graduate students apply for NSF Fellowships. If you as an undergraduate are also interested in applying, please note the following opportunities and deadlines.

**NSF Fellowship:**
The NSF deadlines vary by discipline with the first one being due on November 13th. Please visit the NSF website for more details ([http://www.nsfgrfp.org/](http://www.nsfgrfp.org/)).

**Incentive Grant:**
The Graduate school also offers an Incentive Grant ([http://www.gradschool.purdue.edu/funding/](http://www.gradschool.purdue.edu/funding/)) for students who apply for an NSF Fellowship. This grant awards selected individuals $250 for an external fellowship proposal.

**Graduate School NSF Workshops:**
We are requiring that you attend one of the following meetings before you attend any of our other events:

- **NSF - Strategies for Successful NSF Applications**  
  STEW 314  
  September 11, 2012  
  5:30 PM - 7:30 PM  
  Sponsored by Graduate School [Workshop description]

- **NSF - Strategies for Successful NSF Applications**  
  STEW 314, Sept. 17, 2012, 6:00 PM - 8:00 PM  
  Sponsored by Graduate School [Workshop description]

- **NSF Fellows Panel Workshop**  
  LWSN 1142, Sept. 27, 2012, 6:00 PM - 8:00 PM  
  [Workshop description]

Register at:  
[http://www.gradschool.purdue.edu/workshops](http://www.gradschool.purdue.edu/workshops)

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**PURDUE ANNOUNCEMENT**

The Disability Resource Center (DRC) Centralizes Exam Proctoring Services for Students With Disabilities.

The DRC is now responsible for administering and proctoring exams for students with disabilities! This effort continues the Disability Resource Center’s attempts to streamline and make the process for receiving accommodations easier for students. Included in these changes is a brand new testing facility within the Disability Resource Center, located in Young Hall, as well as a web based system to request exam proctoring.

If you’d like more information, please visit:  

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**SEPTEMBER BIRTHDAYS!!**

Eric Calais – 15th

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2013 Maymester in Tanzania Callout

Monday, **September 10, 2012** at 6:30pm in BRNG 4180. Pizza served.

Here is an exciting Maymester opportunity in Tanzania. Visit Africa, work in local schools, enjoy a safari.

- Earn 7-9 credits in four weeks.
- Three weeks living near the Indian Ocean working in local schools
- Swahili culture and language immersion
- 4-day Tanzanian safari

For more information, contact Jill Newton at janewton@purdue.edu. Program website:  
[http://www.edci.purdue.edu/tanzania/program_info.html](http://www.edci.purdue.edu/tanzania/program_info.html)
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 (thompso@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.
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.
CICP Faculty Commercialization Award
Funded by the Central Indiana Corporate Partnership (CICP)

Nomination Form/Criteria

Purpose of the Faculty Commercialization Award

The Faculty Commercialization Award will involve a cash prize of $5,000, as well as official recognition at a major campus event and at the Inventor's Recognition Dinner. The Award is offered in recognition of Purdue tenure-track faculty members and research scientists who have been most active and/or successful in their efforts to contribute directly to the commercialization of Purdue-generated/owned technologies. The award is intended as an official acknowledgment of the importance of technology commercialization by Purdue faculty, as well as its relevance for preeminence in the Discovery, Learning and Engagement priorities of the University.

Timeline for nomination(s) submission and Award Presentation:

Nominations (including self-nominations) for the annual Faculty Commercialization Award should be submitted by September 7, 2012 to:

John A. Schneider
Assistant Vice President for Industry Research/Outreach
Chair, Faculty Commercialization Award Committee
Office of the Vice President for Research
610 Purdue Mall
Hovde Hall, Room 303
W. Lafayette, IN 47907-2040
E-mail: jas@purdue.edu
Fax: 496-3829

Nominations can be sent electronically, faxed or sent campus mail.

The annual award is expected to be presented the end of October or early November 2012.

Selection Criteria(s) (Submissions must be prepared to address the following criteria, must be drafted in fonts not smaller than 12-pt., with not less than 1-inch margins all around, and must not exceed 2 pages in length.)

1. Award candidates must be tenure-track faculty members or research scientists of Purdue University.
2. Commercialization outcomes must be materially influenced by the inclusion of intellectual property, copyrights, or other creative works emerging from Purdue University tenure-track faculty or research scientists, and by the direct contributions or involvement of the faculty member or research scientist.
3. To what extent do the nominee’s commercialization activities advance the Discovery, Learning and Engagement objectives of the University?
4. To what extent do the nominee’s commercialization activities contribute, in rank order, to the economies and culture of Indiana, the USA, and to the other nations and societies of the world?
5. How commercially successful has/have been the nominee’s (or licensees’) business(s) through which the innovation(s) was/were brought to market?
Thursday, September 6, 2012
4:00 p.m. - 7:00 p.m.
Discovery Learning Research Center
DLR 131 and 134

Join us on for our 2012 school year kickoff featuring an information session on the effects of this year’s drought.

Our program will include two 20 minute presentations on the impact of the ongoing drought on our natural resources and the price of food. The evening will also include a reception and a chance to converse with others interested in all aspects of water.

Presentations include:
1) Indiana’s Water Storage Plan and comments on the impact of the drought on water supplies. Mark Basch, Indiana Department of Natural Resources
2) The impact of the Midwest’s drought on food prices. Corinne Alexander, Department of Agricultural Economics, Purdue University
Request for Exploratory Research Proposals
Product Lifecycle Management (PLM) Center of Excellence
Purdue University

The Product Lifecycle Management (PLM) Center of Excellence is soliciting research proposals from faculty in all Colleges and Schools with interests related to PLM.

The goal is to identify substantial research projects that will contribute to Purdue University intellectual leadership in PLM.

Up to $30,000 per proposal is available with no indirect costs to fund approximately three one-year projects. Researchers from all disciplines are encouraged to submit proposals.

Proposals must complete the template at the end of this document and be no longer than three pages (including initial questions) in length.

PLM Center of Excellence Exploratory Research Program:

With initial seed funding provided by the PLM Center of Excellence Industrial Advisory Board members, the PLM Center of Excellence invites faculty to submit exploratory research proposals for the purpose of identifying projects with the following attributes:

- **Potential**: Possesses significant potential – that is excellent scholarship, attractive applications, leads to funding, attracts companies or national labs to a strong Purdue interaction and engagement.

- **Excellence**: Helps establish or further Purdue pre-eminence and visibility in PLM.

- **Novelty**: Promotes interdisciplinary research within and across departments and schools in a way that changes the day-to-day activities of the people who receive funding in a manner that they could not achieve without funding.

- **Leadership**: Promotes Purdue leadership in an area of emerging need.

- **Scale**: Possesses the potential to involve a large number of researchers and a variety of disciplines.
Deliverables:

In order to receive PLM Center of Excellence funding, projects must propose to deliver:

(1) A proposal to an external public or private funding agency or new, additional support from an outside organization for continuation of project efforts.

(2) Project updates will be presented at the Spring 2013 IAB meeting.

(3) Upon completion, a final project presentation and report must be delivered to members of the PLM Center of Excellence industry advisory board and the Center co-Directors. The electronic material used for the final project presentations must be submitted to the PLM Center of Excellence and should be of a nature whereby members of the PLM Center of Excellence industry advisory board and staff can use the material to solicit further project support.

In addition to funding, the PLM Center of Excellence management staff, Center co-Directors, and resources will be used to promote project success, connect projects to University wide efforts, and attract more support for projects from affiliated companies and external agencies.

Members of the Industrial Advisory Board will be reviewing the proposals on October 15, 2012.

Budget:

Proposals for funding up to $30,000 (with no indirect costs) are requested. Additionally:

- Fringe benefits will be charged.
- Funds may be used for faculty compensation, post-doc and graduate-student support, equipment, travel, supplies, software, and (limited) secretarial support.
- Faculty should contact their Sponsored Program Services (SPS) pre-award office, who will assist with budget preparation and submission of the proposal.
- SPS will prepare a transmittal check sheet and obtain signatures of the appropriate department/school heads. On the transmittal check sheet, SPS should indicate that the proposal is an internal proposal.
- Awarded projects should be designed to start January of 2013 and be completed within the calendar year. Funds not used by the end of the same calendar year will be returned to the PLM Center.

Deadline:

Proposals may be submitted anytime but no later than Friday September 28, 2012 and should be emailed to:

Steve Shade
Managing Director, Center for Advanced Manufacturing
College of Engineering
(765) 494-1279
sashade@purdue.edu
Potential Topics:

The research efforts endorsed by the PLM Center of Excellence tend to be rather diverse given the breadth and depth of the product lifecycle. While not exhaustive, the following list includes potential topics to be explored:

- Data visualization
- Mobile computing
- The use of PLM technology in the service and support of products
- The use of PLM technology and data to support sustainable product realization
- PLM software tool interfaces (cognitive and computational aspects)
- Integration of ERP/MES with PLM tools
- Security models for PLM data
- The role of model-based definition in the product lifecycle
- Data interoperability and workflows
- Virtual collaboration and associated technologies
- Standards (data, software usage, archival)
- Social media and its impact on the product lifecycle

Timeline:

- **Monday August 27, 2012**  Request for Proposals sent out to faculty
- **Friday September 28, 2012**  Proposals due
- **Monday October 15, 2012**  Proposals reviewed and awarded

PLM Co-Directors

Nathan Hartman – College of Technology
Voicu Popescu – College of Science
Fu Zhao – College of Engineering

PLM Industrial Advisory Board Members

Boeing
Cummins
General Motors
Gulfstream
Rolls-Royce
Sandia National Labs
2012-13 Product Lifecycle Management (PLM) Center of Excellence
Request for Exploratory Research Proposals

Principal Investigator: 
Department: 

Co–P.I.: 
Department: 

Proposal Title: 

Executive Summary (~1 paragraph):

Research Potential / Novelty (What is the motivation / need for this research? ~1 paragraph):

Relevant PLM related technologies (Research scale, e.g., data management, visualization, model-based engineering):

Is there an opportunity for Industrial Advisory Board member or company participation? (If, yes please describe)

Technology Readiness Level research range: list all that apply

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<td>Basic deliverable(s) integrated and tested in relevant environment</td>
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<td>System prototype demonstration in an industry environment</td>
<td>Actual system completed and integrated into existing industry system</td>
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Future funding opportunities (agency/program, or other) plus expected submittal timeframe:

Deliverables to be provided to IAB members:

Research Project Description:
Request for Exploratory Research Proposals
Product Lifecycle Management (PLM) Center of Excellence
Purdue University

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- Integration of ERP/MES with PLM tools
- Security models for PLM data
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**PLM Industrial Advisory Board Members**

Boeing  
Cummins  
General Motors  
Gulfstream  
Rolls-Royce  
Sandia National Labs
Principal Investigator: 

Co-I: 

Proposal Title: 

Executive Summary (~1 paragraph): 

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<td>Proof of Concept</td>
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<td>Basic principles observed and reported</td>
<td>Technology concept and/or application formulated</td>
<td>Analytical / experimental studies and/or characteristic proof-of-concept</td>
<td>Validation of basic deliverable(s) in laboratory environment</td>
<td>Basic deliverable(s) integrated and tested in relevant environment</td>
<td>Representative model or prototype system tested in relevant environment</td>
<td>System prototype demonstration in an industry environment</td>
<td>Actual system completed and integrated into existing industry system</td>
<td>Actual system proven through successful industry operations</td>
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Future funding opportunities (agency/program, or other) plus expected submittal timeframe: 

Deliverables to be provided to IAB members: 

Research Project Description:
College Teaching Workshops — Series I: Building on the Basics

For Faculty, Staff and Graduate Students
Take one, several, or the entire series!

**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
Everything You Need to Know About Teaching According to Tom Turpin

Thursday, September 6, 2012
9:00 – 10:30 a.m.
Dean’s Auditorium, Pfendler Hall, room 241

He didn’t know it at the time, but growing up on a Kansas farm gave Tom Turpin his personal perspective on teaching. We’ve asked Tom, an award-winning instructor, to share his insights on how some of the rules associated with agriculture apply to teaching.

Here are a few things to expect:

- Farmers who raise livestock don’t run the barnyard as a democracy.
- Sometimes animals need incentives to do what you want them to do.
- Some animals will test the electric fence every day to make sure it’s working.

Pursuant to this “farm” theme, there will be a drawing for everyone present to receive a basket full of farm produce. The runner up will receive a dozen fresh eggs.

Alan Alda’s Tips for Translating Technical Information

Thursday, September 20
9:00 – 10:30 a.m.
STEW 322

Linda Mason, professor of Entomology and Associate Dean of The Graduate School
Anne Fliotsos, professor of Visual and Performing Arts

After ending his popular TV series MASH, Alan Alda became interested in science. Specifically, in how science teachers can better communicate their subject matter with lay audiences and students. Toward that end, he established the Center for Communicating Science in Washington DC and runs seminars to teach scientists (and science educators) how to make themselves better understood.

Linda Mason had the chance to attend Alda’s seminars last summer and has agreed to share some of the techniques and skills she learned. The program is important to Purdue instructors because it’s designed to help students improve their writing and oral communication skills.

In this workshop, and assisted by Anne Fliotsos from the Theatre Department, Linda will explain the concept behind this program and will get us all to “loosen up” by doing some low-risk improvisational exercises.
Chesapeake Energy Corporation Interviews
September 14, 2012

Chesapeake Energy Corporation will present an informational session on Thursday, September 13th in Room 2201/HAMP at 5:30PM. All interested students are invited to attend. Food will be provided.

On Friday, September 14, Chesapeake Energy Corporation will be interviewing for their summer Internship program. These are full time, paid internships based in Oklahoma City, Oklahoma.

You could be one of over one hundred summer interns on their OKC campus. Interns work within one of their geology teams (districts). In this role you will work closely with their talented geoscience staff on an applied "hands-on" technical project, with results presented directly to the team. This internship is designed to advance your professional growth, expose you to their high-tech industry, and exemplify the critical role geoscience careers play in CHK's success. Summer internship start and end dates are somewhat flexible, but typically span from May through early August. Online applications through the Chesapeake website are **due by midnight on Monday, September 4.**

Qualifications:
- Currently enrolled in an accredited college or university
- Current cumulative GPA of 2.8 or higher on a 4.0 scale
- Graduate students preferred

To apply for this position, please follow these 4 steps:

2. Search for “Purdue University” in the “Keywords” field.
3. Select the specific position that coincides with your major, then click “Apply.”
4. Create a profile and attach a resume and unofficial transcript.

Should you encounter any issues during the online application process please call 1-855-855-CHKU.
EAPS Department
Ice Cream Social!

PUMA and PUGS will be sponsoring a department ice cream social. All EAPS faculty, staff, and students are encouraged to attend.

For those interested, information about the two organizations will be provided.

When: Thursday, Sept 13, 2012 from 2:00 – 3:30 pm

Where: CIVL/HAMP Patio (area between Civil, Armstrong and PUSH)

For more information please contact:
PUMA President: Kayla Hudson (hudsonk@purdue.edu)
PUGS President: Elisa Baumgardt (ebaumgar@purdue.edu)