**Upcoming MEETINGS**

*Every Monday*
- EAS Gold Mine Committee, CIVL 2201 (Noon)

*Tuesday, February 21*
- EAS Rock Display, CIVL 2201 (3:30pm)

**Upcoming EAS SEMINAR**

**Thursday, February 16, 2012 at 3:30 p.m. in CIVL 1252:** "Quaternary Geologic Constraints on Denali Fault Strain-Partitioning and Implications for the Active Tectonics of South-Central Alaska." Sean Bernis, University of Kentucky. (Abstract)

Refreshments at 3:00 p.m. in CIVL 2201

**Upcoming EAS PhD DEFENSE**

**Monday, February 20, 2012 at 9:00 a.m. in CIVL 2201:** "3D Modeling of Time-harmonic Seismic Waves via a Massively Parallel Structured Multifrontal Solver and Applications." Shen Wang.

**RECENT EAS PUBLICATIONS**


**RECENT EAS PRESENTATIONS**

Terry West presented the program for the Lafayette Rotary Club Satellite meeting on Wednesday evening February 8, 2012. The title of the presentation was “Geology of Indiana State Parks”. Geologic and physiographic maps of the state were used as illustrations, along with the reference book, “Road Side Geology of Indiana” coauthored by a Purdue EAS master’s graduate, Graham Richardson. Geologic discussions related to travel and tourism provides a popular subject for the general public.

Angel Torres Valcarcel, EAS PhD candidate, was interviewed on February 9, 2012 by an environmental journalist at Radio Hit 1250 am, a local radio station in Vega Alta, Puerto Rico, about Environmental Sustainability, COSUAM and the Sustainable Schools Program.

**CAMPUS-WIDE SEMINARS & EVENTS**

**GPRI Global Connections Lecture Series**

Ambassador Marwan Muasher will be visiting the Purdue University campus on February 19-21, 2012. He will be presenting a lecture on *The Arab Awakening: One Year On* on Monday, February 20th at 7:30 p.m. in Stewart Center's Fowler Hall (flyer attached).

Purdue’s Discovery Park is pleased to invite you to attend a Discovery Lecture Series 10th Anniversary presentation on Friday, April 20th at 3:30 p.m. with Frans Johansson speaking on “The Medici Effect: Groundbreaking Innovation at the Intersection of Disciplines & Cultures.” (attachment)

The College of Education will host Dr. Katie Bucher from Indiana University to present *Urban School Gardens in Havana and Philadelphia: Environmental Pedagogies and Social Change* on March 2, 2012 at 1:00 pm in BRNG 1238. (attachment)

**INDIANA ACADEMY OF SCIENCE**

IAC is holding its 127th Annual Academy Meeting on March 10, 2012 at Purdue University. To register visit [www.indianaacademyofscience.org](http://www.indianaacademyofscience.org)
NEWS FROM AROUND CAMPUS

Radiological and Environmental Management (REM) is proud to announce the first issue of Amy’s Lab Safety Newsletter (authored by Amy Theivagt, one of REM’s Hazardous Materials Chemist and a former Purdue graduate student). The Hazardous Materials Management section of REM routinely fields questions from research staff regarding proper protocols and safety measures when dealing with hazardous chemicals. The goal of this quarterly newsletter (attached) is to answer those questions and get the word out to the entire researching staff about what to do and what not to do when dealing with hazardous materials. We are trying to bridge the gap between REM and researchers, letting them know REM is a helpful resource for safely performing their research instead of just an enforcer of policies.

NEW WINDOWS-BASED CLUSTER SUPERCOMPUTER NOW AVAILABLE

A new cluster supercomputer running on Microsoft’s Windows HPC system can make high-performance computing even more accessible for Purdue faculty researchers and their students, while also making Windows-only research software available. See www.rcac.purdue.edu/userinfo/resources/winhpc for more information or email rcac-cluster-purchase@purdue.edu

GRANT INFORMATION

The PGSG DEAL Grant deadline has been extended to March 2nd, 2012.

DEAL Grants are available to teams of 2-4 masters and/or Ph.D. students representing two or more departments/graduate programs at the West Lafayette Campus plus a faculty adviser. Awards up to $2500 for a 1 year grant. Research ideas and initiatives should be original, innovative, and preferably be designed to improve the Purdue (West Lafayette) campus and/or community and should fall under the following proposal areas:

- Agriculture, Pharmacy & Science
- Education, Liberal Arts & Social Science
- Engineering & Technology

Application and instructions are available on PGSG website: www.purdue.edu/pgsg/projects/deal If you have any questions, please contact Emily Arentson at earentso@purdue.edu

AGU NEWSLETTER

See the attached AGU newsletter for opportunities for faculty and students.

KRANNERT SCHOOL OF MANAGEMENT

“mini-MBA” PROGRAM

Once again, the Krannert School of Management is offering their “mini-MBA” program for graduate students from all Purdue Colleges/Schools as well as participants from industry. This year’s program will be held May 14th-25th during Purdue’s Maymester. Nominations are limited to 25 participants total so be selective. If you have faculty that are interested, they are being asked to be put on a waitlist until March 31st this year. Additional program details can be found in the attached document. If you are interested, please contact Suzanne (zumbirk@purdue.edu) by Friday, February 24, 2012.

Program fees are as follows: GRADUATE STUDENTS: $200 from the student, $550 each from the dept and college. FACULTY: $1395 from the faculty member (from personal funds, discretionary, etc.), $550 each from the department and college.

ENTREPRENEURIAL LEADERSHIP ACADEMY

The Entrepreneurial Leadership Academy (ELA) is a professional development program aimed at mid-career and senior faculty who have entrepreneurial interests. See the attachment for more information. ELA Application Deadline: April 18th, 2012

A list of former and current faculty participants in the Entrepreneurial Leadership Academy:
http://www.purdue.edu/discoverypark/entrepreneurship/programs/leadershipAcademy.php

PURDUE REALIZATION AND ENTREPREDEURSHIP POSTDOCTORAL AND DOCTORAL PROGRAMS

PREPP provides financial support to doctoral students or to postdoctoral researchers so that they can pursue the commercialization of their research. See the attachment for more information. PREPP Application Deadline: March 27, 2012

To view the current participants in the PREPP:
http://www.purdue.edu/discoverypark/entrepreneurship/programs/prepp.php

AMS 2012 ANNUAL MEETING’S STUDENT CONFERENCE

EAS was well represented again this year at the AMS annual meeting’s student conference. There was a total of 150 student posters presented, among which 6 were presented by the Purdue undergraduates and 1 from a graduate student (Kim

2012 GOVERNOR’S PUBLIC SERVICE SUMMER INTERNSHIP PROGRAM

The Department of Environmental Management is participating in and now accepting resumes for the 2012 Governor’s Public Service Summer Internship program. The Governor’s Public Service Summer Internships will be paid at a rate of $11.30 per hour. Students interested in receiving college credit for the intern opportunities should contact their school’s career/internship office for guidelines. The program runs from May 14, 2012 to September 14, 2012. (To accommodate various university calendars, selected student interns may select their start and end dates from within the May 14th to September time frame.)

Interested students should apply at the State Personnel Department Website (www.in.gov/spd). Left Menu: Job Seekers>Summer Internships. The deadline to submit an application is March 16, 2012 at 11:59 p.m.

A NOTE FROM OUR ACADEMIC COUNSELOR
Things to Do this Summer

Study Abroad - CIEE Study Abroad Scholarships Available for 2012-13

Study abroad with financial assistance: In addition to the regular scholarships, CIEE is excited to offer Purdue University students up to $1,500 in scholarships to study abroad for certain programs: www.ciee.org/study .

Summer Camp Job Fair 2012

Thursday, February 16, 2012 10 a.m. - 3 p.m. in the PMU South Ballroom. You can interact with representatives from a variety of summer camps and programs throughout the country, identify job opportunities, and interview with camps that match your interests. There will be an Information Session on Wednesday, February 15, 2012 from 6:30pm - 7:30pm, KRAN G002.

Work description:
List of camps:
https://www.cco.purdue.edu/Events2012/WorkAtCamp.pdf

Biology/Ecology/Conservation Director Position at the local Lafayette Boy Scout Camp

Supervise and train scouts attending camp in multiple merit badges in the Biology, Ecology and Conservation Fields. All materials and supplies are provided. Requires a friendly and outgoing personality who is able to work with a wide range of young men aged 11 to 18 years of age. Pay: $1200 to $1500 with room and board provided. Duration: June 10 to July 14th, 2012. Supervise 2 to 3 assistant instructors. Deadline to apply is March 31, 2012. Contact Information: Pat Harding, pealharding@gmail.com. Phone: 765-743-9795(H) or 765-543-5912(Cell)

Interpretative Naturalist Position available at Raccoon State Recreation Area

ATTENTION: Science Education Majors. Raccoon State Recreation Area is hiring a Seasonal Interpretative Naturalist. For more information, please contact: Michelle Swick at 765-344-1412 **Must be willing to work weekends, holidays and some evenings.

Work Authorization

International student clinic on work on authorization on Wednesday, February 15, 2012, in WTHR Rm. 104 from 6 – 7 p.m.

Purdue Agriculture Spring Career Fair

Tuesday, February 21, 2012 in Phendler Hall from 9:30-3:00. The Career Fair is not just for graduating students, it is for freshmen, sophomores and juniors who are exploring career paths or internship opportunities. You can pick-up company information, network with future employers, and ask questions.
FEBRUARY BIRTHDAYS!!!
7th - Mike Baldwin
14th – Andrei Gabrielov
15th – Yuch-Ning Shieh
28th – Brenda Beitler-Bowen
28th – Terry Wade

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.
Quaternary Geologic Constraints on Denali Fault Strain-Partitioning and Implications for the Active Tectonics of South-Central Alaska

Sean Bemis
University of Kentucky

Thursday, February 16, 2012
3:30 p.m.
Room 1252, CIVL Bldg
Ambassador Marwan Muasher

“The Arab Awakening: One Year On”

ABSTRACT

As the romantic notions that the current Arab uprisings will lead to instantaneous spread of democratic cultures give way to reality, what needs to take place to ensure indeed that a process will emerge, which if not linear, will at least end up achieving the dreams that Arabs have for a better Arab world where more attention is given to build pluralistic societies? What is the future Islam, and how should the West deal with these movements that are willing a plurality of seats in elections held recently in the region? Which countries have the best chances of success so far, which ones are struggling, and why? How can the Arab world build an institutional culture that promotes diversity, tolerance and pluralism? And what effects do the Arab uprisings have on the Arab-Israeli conflict? All these questions will be addressed in an attempt to analyze the historical transformations the region is going through one year on.
What do goat milk, spiders, and fishing lines have in common? Music records and airlines? Ant behavior and telecommunications routing?

Most of us would assume nothing. But out of each of these seemingly random combinations have come radical innovations that have created whole new fields.

In this talk, Frans Johansson takes us on a fascinating journey to the Intersection: a place where ideas from different fields and cultures meet and collide, ultimately igniting an explosion of extraordinary new innovations.

See how companies become global leaders, how products and services yield huge margins, how researchers, managers and artists outdo their peers.

Q&A session will follow the lecture | Book signing following Q&A session

For More Information
Visit www.purdue.edu/discoverypark/dls/ | Contact Cindy Ream: cream@purdue.edu | 765-494-0015
Urban School Gardens in Havana and Philadelphia: Environmental Pedagogies and Social Change

Katie Bucher received her Ph.D. in Education Policy Studies from Indiana University, where she is an Associate Instructor in the Chicago Urban Project at the School of Education. Her research interests include international and comparative education, environmental pedagogies, science and agricultural programs in urban schools, and the role of teachers in eco-social change. Before coming to IU she worked as a bilingual classroom teacher Philadelphia.

Beering Hall, Rm 1238
March 2
1-2 p.m.

Part of the series

Promising Pathways: The Future of Multicultural and International Education
funded in part by a College of Education Interdisciplinary Seed Grant

For more information: Nadine Dolby: ndolby@purdue.edu
Welcome to the Newsletter

Why is this in my inbox? Hi, my name is Amy. I used to be a grad student just like you, with the endless assignments, papers, and pressures always piling up and the end feeling like it’s nowhere in sight. I did finally graduate, but I’m still at Purdue and now I work as a Hazardous Materials Chemist for REM. Even though sometimes it seems like we’re the “big, bad REM,” we really just want to help you. Our goal is to keep your research going and most importantly to keep you safe so you can publish those papers and graduate!

The goal of this newsletter is to update and educate you, the researcher, about common lab safety issues. I field questions all the time like, “Can this go down the drain?” and “Why do I have to do That?” So if you’ve had a question about lab safety, I can almost guarantee someone else on campus has too! Let’s keep our labs safe!

HPLC Waste Containers

If you generate HPLC waste, make sure your containers are closed! It’s a violation with the EPA to have waste lines running into open waste containers and Parafilm® or aluminum foil just won’t cut it as a means of closure. Why, you ask? Well if for some reason the container got knocked over all the liquid would spill out, and that’s a mess no one wants to deal with.

Go to the link below for HPLC waste Do’s and Don’ts as well as more information on purchasing a specially designed HPLC waste container or how to modify an existing cap. And remember, if you have a modified cap on your HPLC waste, it must be screwed down all the way to be considered a closed container!

http://www.purdue.edu/rem/hmm/hplcwaste.htm

Time to look in the back of those cabinets

I know it can be dark and scary back there, but take the time to look in your chemical storage cabinets and on shelves. If a chemical bottle looks like it has been sitting there for the past 20-30 years (It happens! I’ve seen it!) or if no one uses it anymore, it’s time for it to be submitted on a Hazardous Materials Pickup Request form. Lots of chemicals have a shelf life, and can become even more hazardous as time goes on. Look out for chemicals that can form dangerous peroxides, such as Diethyl Ether and Tetrahydrofuran. Make sure you keep your eyes open for old cylinders as well, especially Hydrogen Fluoride and Hydrogen Bromide, they have a shelf-life of two years, and if left alone, they’ve been known to explode! Now that might put a crimp in your research! Remember, if everyone thinks lab safety is someone else’s job, anyone could end up getting hurt.

And as always, if you don’t feel like you can safely handle a really old container, please call us at 4-0121.
Because we never want your lab to look like this...

Nickel Hydrazine Perchlorate, a high-energy metal compound caused this explosion at Texas Tech University in January 2010. For more information on the incident and the ensuing investigation by the Chemical Safety Board click here.

Do you have a lab safety question or issue you’d like Amy to address in this newsletter? Let her know!
E-mail atheivag@purdue.edu; Phone 49-69359
For Early Career Faculty:

1. DISCCRS VII Interdisciplinary Climate Change Research Symposium
   - [http://disccrs.org/discrscssiposter.pdf](http://disccrs.org/discrscssiposter.pdf)
   - Dates: October 13-20, 2012
   - Application Deadline: February 29, 2012
   - Participation limited to 30 early-career Ph.D. scholars. Airfare and on-site expenses are supported through grants from NSF and NASA [http://disccrs.org](http://disccrs.org)

2. Workshop Announcement: Moving FORWARD in Space to be held in Philadelphia on June 4-6, 2012.
   - The primary goals of the workshop are to provide young female scientists with information and skills development necessary for a successful bid for a tenured professorship in the planetary sciences.
   - Workshop activities will focus on developing mentoring and networking connections, techniques for more successful writing, acquiring grant funding, sharing of classroom ideas and materials, maintaining work-life balance, and challenges for dual career couples.
   - Invited participants include finishing doctoral students, postdocs, scientists in a career break after a PhD or postdoc, in the early stages of a tenure-track position or employed outside academia. Though this conference is aimed specifically at maintaining female scientists in the tenure-track pipeline, we encourage all underrepresented minorities in the planetary sciences to apply. Dual career couples are encouraged to apply as well.
   - Applications to attend the workshop will be available on March 7, 2012. Please send an e-mail to planetary@temple.edu if you would like to receive an application when it is available or if you would like additional information about the meeting.
   - More information will be posted on the workshop webpage [https://sites.google.com/a/temple.edu/forward-in-space/home](https://sites.google.com/a/temple.edu/forward-in-space/home).

3. Please help us publicize the Early Career Geoscience Faculty Workshop: Teaching, Research, and Managing Your Career.
   - This workshop is offered through On the Cutting Edge and is for faculty early in their career (including faculty who will be starting in a faculty position in fall 2012).
   - June 10-14, 2012, with optional trip to NSF on Friday June 15, College of William and Mary, Williamsburg, VA.
   - Application deadline: March 1, 2012
   - Join us for a multi-day workshop in a stimulating and resource-rich environment where you will participate in sessions on topics including effective teaching strategies, course design, establishing a research program in a new setting, working with research students, balancing professional and personal responsibilities, and time management. More information and the online application form are at the workshop website [http://serc.carleton.edu/NAGTWorkshops/earlycareer2012/index.html](http://serc.carleton.edu/NAGTWorkshops/earlycareer2012/index.html)

For all faculty:

1. In July, the NSF-funded project On the Cutting Edge is convening a workshop to be held at the University of Tennessee, Knoxville on Teaching Structural Geology, Geophysics, and Tectonics in the 21st Century. If you teach any of these disciplines at the undergraduate level, we hope that you will apply to attend the workshop. **The online application deadline is February 15.** If you cannot attend, we hope that you will pass this announcement on to interested colleagues. You can find the workshop description, plus the online application, at [http://serc.carleton.edu/NAGTWorkshops/structure/SGT2012/index.html](http://serc.carleton.edu/NAGTWorkshops/structure/SGT2012/index.html)

2. Teaching Environmental Geology -- an On the Cutting Edge Professional Development for Geoscience Faculty face-to-face workshop -- June 2-6 in Bozeman, Montana -- with optional pre-workshop field trips.
   - Application deadline: March 1. Many faculty teaching at the introductory level use environmental themes and hazards to get their students excited about the geosciences. Whether in the form of a stand-alone Environmental Geology or Natural Hazards course or as environmental content integrated into other introductory courses, these concepts are an important part of the geoscience education for many students who will never take another course in the sciences. This workshop will bring together educators from a wide variety of institutional settings and backgrounds with the common goal of sharing ideas
about improving the pedagogy and environmental geology content of our introductory geoscience courses. Please pass this information along to anyone you know who teaches Environmental Geology and who would like to be a part of this week-long workshop to develop web resources and share best practices. For more information and to apply:
http://serc.carleton.edu/NAGTWorkshops/environmental/workshop12/index.html

3. Is There a Women Geoscientist Professor Who Made a Difference in Your Life? Please take the time to honor her by nominating her for the AWG Outstanding Educator Award (http://www.awg.org/EAS/oea.html). The AWG established the Outstanding Educator Award in 1988 to honor well-established college or university teachers who have played a significant role in the education and support of women geoscientists both within and outside the classroom. Examples of support include encouraging women to enter and continue in a geoscience career, providing opportunities for field and laboratory experience, and serving as a positive role model. In addition, awardees are selected on the basis of their contributions as professionals, involvement with professional societies or groups, and/or participation in science education programs in their community. The deadline for nominations is April 1. Nominations must include a current vitae and at least six letters of recommendation from professional colleagues, former students, and current students. Send nominations and supporting material to the Chair of the AWG Outstanding Educator Award selection committee via email with all documents saved in one pdf to Pat Manley (manley@middlebury.edu).

For your students:

1. NAGT Scholarships for Field Study: NAGT offers $500 scholarships for students to attend field-based courses at any time of the year. In addition, the Association of Women Geologists sponsors two additional scholarships specifically for women in this program. Please pass this information along to students who may be interested in doing field courses. More information and the application instructions can be found on the program website - http://nagt.org/nagt/programs/field_scholarships.html
   Application Deadline: February 14

2. Planetary Science Undergraduate Teaching Workshop, March 18th at LPSC! The 3rd annual Planetary Science UG teaching workshop will be held the Sunday before LPSC, March 18th, at the Woodlands Waterway Marriott, from 1:00-6:00 p.m. The focus of the workshop is to highlight some of the most compelling planetary and lunar assets for the UG classroom, as well as give us an opportunity to share new things we are using in the classroom. More information on the workshop can be found at: http://www.lpi.usra.edu/meetings/lpsc2012/events/education/ RVSP to Emily CoBabe-Ammann at ecobabe@spaceeducation.org

3. Science and Engineering Student Internship (SESI) program in heliophysics, astrophysics, and planetary science – Summer Research Opportunity for Undergraduates at NASA’s GSFC. Successful applicants will do research at NASA’s Goddard Space Flight Center. Students can select research topics in areas of heliophysics, astrophysics, and planetary science. Projects span instrument hardware development, data analysis, and computational modeling. For more information about the SESI program, please visit http://sesi.gsfc.nasa.gov. In addition to submitting your application through the OSSI/SOLAR system (solar.nasa.gov), you must notify Dr. Ekaterina Verner about your SESI application by sending e-mail to interns@helio.gsfc.nasa.gov. In the subject line, please type “SESI application: your first name and last name.” The summer internships are typically for 10-12 weeks, and usually start June 1 and extend through first or second week in August. Actual start and end dates are somewhat flexible. The program is open to all undergraduates, both US and non-US citizens. The Science and Engineering Student Internship (SESI) opportunity is jointly supported by NSF /REU and NASA funding to the Catholic University of America. See http://sesi.gsfc.nasa.gov for more details and application form.
Program Announcement
May 14-25, 2012 Purdue University Applied Management Principles (AMP) Program for PhD Students

You are invited to nominate promising doctoral students to the 2012 (15th annual) Applied Management Principles (AMP) Program. Relevant information follows:

Program Overview

- Over its history, over 750 participants from Purdue and industry partners have completed the AMP program.
- AMP provides almost 50 hours of in-class instruction covering the core areas of management education. This certificate-based program can benefit graduate students from all Purdue Colleges / Schools including engineering, agriculture, veterinary, pharmacy, technology, and the sciences. It is sponsored by Purdue’s Krannert School of Management – Executive Education Programs.
- The program satisfies the heightened interest in the world of business that increasing numbers of graduate-level engineers and scientists are expressing.
- Program areas include: Leadership, Managerial accounting, Strategic management, Finance, Marketing, Change management, and Law.
- The Sloan and National Science Foundations have supported AMP, and the University Continuing Education Association has recognized it for bridging the boundaries between academe and industry.
- See our Web site (http://www.krannert.purdue.edu/programs/executive/amp) for more information.

Program logistics and fee

- We will conduct the 2012 program over 10 daily sessions, from Monday-Friday, May 14-25, during Purdue’s Maymester. Class sessions meet from 8:15 AM-2:00 PM.
- Students should expect to perform an average four hours of daily homework (financial calculations and business case analyses). Assignments are not graded, and there are no quizzes or exams.
- We will hold all class sessions in the Krannert Center (KCTR) – 425 W. State Street – Room 124
- We will serve continental breakfast and lunch daily, concluding the program with presentation of certificates of completion and a reception.
- The 2012 program fee for Purdue PhD students is $1,300.00, which includes program instruction and materials, daily breakfast and lunch, and a closing reception. In previous years of AMP, student fees have typically been paid by the Colleges / Schools and Departments, usually split between the Dean’s Office and the students’ academic departments. However, we suggest that participating graduate students pay some portion of the fee. For ease of payment, we recommend internal transfer of funds between participating Colleges / Schools / Departments and the program administrator, the Krannert School of Management. Students’ portions of fees may be paid by check or credit card through Purdue’s Office of Continuing Education and Conferences.

Program nominations

- Krannert Executive Education Programs (KEEP) will accept a rank-ordering of nominees from the Dean of each College / School. Each Dean has a form to facilitate this process.
- We strongly encourage the Deans to consider the student’s planned career goals in selecting nominees, with a focus on students whose careers will focus on industry and/or related collaboration.
- Historically, this program is oversubscribed. Therefore, we reiterate our request to please rank-order your nominees, giving us the flexibility to offer seats to all of our various constituencies. We have reserved space for 25 Ph.D. participants from all schools/colleges and will prepare a wait-list for additional applicants.
- Deans of each College / School should send their rank-ordered nominations by Friday, March 2, to facilitate participant selection and allow sufficient time for pre-program assignments. I will inform the students of their acceptance around April 1st.
- For more information or questions, contact:

  Cathy Garrison  
  Krannert Executive Education Programs (KEEP)  
  Purdue University  
  Krannert Center 211  
  425 West State Street  
  West Lafayette, Indiana 47907  
  765-494-1554 (office)  
  765-494-0862 (fax)  
  garrison@purdue.edu
TO: Deans, Department Heads, Directors, and Purdue Faculty
FROM: Dr. Richard Cosier, Leeds Professor of Management, and Avrum and Joyce Gray
Director of the Burton D. Morgan Center for Entrepreneurship
DATE: Spring 2012
RE: Entrepreneurial Leadership Academy

The Burton D. Morgan Center for Entrepreneurship in Discovery Park is pleased to announce faculty development opportunities supported by the Kauffman Foundation and in partnership with the Susan Bulkeley Butler Center for Leadership Excellence.

The Entrepreneurial Leadership Academy is a professional development program aimed at mid-career or senior faculty who have entrepreneurial interests. These interests may include understanding the commercialization possibilities for some aspect of their research program, exploring opportunities to involve graduate students in entrepreneurial activities, identifying strategies to introduce undergraduate students to entrepreneurial projects, or considering the synergies among large interdisciplinary research centers and entrepreneurial activities. The program also introduces faculty to the leadership skills required of entrepreneurs. The Entrepreneurial Leadership Academy provides faculty with networking opportunities and resources for understanding how to incorporate entrepreneurial concepts into high impact university programs and realize the potential for commercial opportunities emerging from these programs. Participants meet with distinguished administrators and leaders to discuss topics critical to the development and support of leadership and entrepreneurial skills.

The intended audience for the Entrepreneurial Leadership Academy is strongly motivated, tenured or soon to be tenured, faculty with interest in: leading project centers; leading large interdisciplinary research teams; leading innovation in discovery and learning; developing and commercializing new technology; developing new strategies for Purdue University to influence and impact the state, nation, and world; and/or, honing their leadership and entrepreneurial skills to pursue administrative leadership positions. While commercialization interests are encouraged, faculty does not need to have a technology to commercialize to participate in this program; faculty who are interested in learning about the commercialization or process for future applications are strongly encouraged to apply. Past projects include the development of computer tools for interdisciplinary research sites, the creation of strategic business plans for core research facilities at Purdue, the development of a business plan that can facilitate the submission of large-scale research proposals, the expansion of interdisciplinary centers, the creation of student courses and projects, and a business plan to commercialize a specific technology. Project descriptions for prior and present year participants can be viewed at: http://www.purdue.edu/dp/entrepreneurship/ela809.php

To extend the impact of this program, Entrepreneurial Leadership Academy faculty fellows each receive a development award of $5000.00 and the opportunity to utilize Discovery Park, Purdue Research Park, and Office of Technology Commercialization staff and capabilities. Faculty in this program may be assigned a Krannert M.B.A. student to assist them with some aspect of their project. Faculty are encouraged to use the monetary award to develop high impact projects, and to foster entrepreneurial leadership in their students. Additionally, one Academy participant from the previous year will be selected as a Kauffman Entrepreneurial Faculty Scholar based on their year of Entrepreneurship Leadership Academy activities. The Kauffman Entrepreneurial Faculty Scholar is provided with $15,000 of support to continue work on his or her project.

To nominate faculty from your college or school, please submit: (1) a three-page bio of the faculty member (use the National Science Foundation style as a standard); (2) a 1-2 page statement written by the faculty member regarding interest in this opportunity and expected impact of participation; and (3) a signature of endorsement from the department head and dean. These materials should be submitted by April 18. Faculty will be selected to begin participation in the Leadership Academy for fall 2012, beginning August 2012. Approximately ten faculty will be chosen to participate in the program.

Please submit applications to: Bambrah Miller e-mail: bambrah@purdue.edu
For additional information, please contact Dr. Candiss Vibbert, Associate Director for Discovery Park Engagement at vibbert@purdue.edu or 49404.
Introduction
The Purdue Realization and Entrepreneurship Ph. D. and Postdoctoral Fellows (PREPP) program encourages and supports the commercialization of Purdue research. This program is open to both doctoral and postdoctoral researchers. The objective of the program is to provide financial support to doctoral students or to postdoctoral researchers so that they could pursue the commercialization of their research.

The PREPP Fellows will be included in the entrepreneurial support activities at the Burton D. Morgan Center for Entrepreneurship and the Purdue Research Park. PREPP fellows will also be included in the Entrepreneurial Leadership Academy (ELA) program. PREPP Fellows will be assigned an entrepreneurial advisor and will have access to a Krannert M.B.A. student to assist with development of a business plan. PREPP Fellows will meet regularly with their assigned advisor and will submit quarterly reports to the Burton D. Morgan Center leadership. Purdue’s Office of Technology Commercialization will be involved with the PREPP Fellows to counsel and address intellectual property and licensing issues.

The general expectation for postdoctoral fellows is that they would develop and present a business plan early in the award period as the technology to be commercialized is developed and refined. PREPP doctoral fellows work at a pace that complements their doctoral program; the goal for doctoral students is learning about the commercialization processes as it applies to their research. Milestones will be established for each PREPP fellow and can include development of a technology, applications for additional funding, marketing analyses, completion of a business plan, and participation in business plan competitions. Possible “commercialization” milestones could include competing in the Burton D. Morgan Business Plan Competition, preparation for placement in Purdue’s business incubator and preparation of materials for grants, loans, or angel funding such as writing a proposal to the federal Small Business Innovation Research Grant program.

Program Support
Up to three doctoral and one postdoctoral fellow will be selected to participate in the 2011-13 PREP Fellows program.

The PREPP Postdoctoral Fellow will receive $40,000 plus associated fringe benefits. The PREPP Doctoral Fellows receive $10,000 which can be used for approved expenses or as a salary supplement.

Schedule
The deadline for applications is Tuesday, March 27, 2012.

Selection Criteria
General criteria to be used to judge applicants include evidence of secure intellectual property, business acumen, communication skills, and a passion for starting an entrepreneurial endeavor. The recommendation of the major professor will be an important factor in the selection process.
About the Burton D. Morgan Center for Entrepreneurship
The Burton D. Morgan Center for Entrepreneurship is Purdue University’s premier interdisciplinary hub for entrepreneurship. Through its initiatives, the Center catalyzes entrepreneurship and commercialization across the Purdue University community through interdisciplinary education, networking, and business assistance programs.

Application is on pages 3 and 4. When completed, return to Bambrah Miller via e-mail bambrah@purdue.edu or campus mail Bambrah Miller/BDMCE/MRGN.

For more information, please contact:

Candiss B. Vibbert, Ph.D.
Associate Director for Discovery Park Engagement
Associate Vice Provost for Engagement
Associate Director for Purdue Research Parks Engagement
Burton D. Morgan Center for Entrepreneurship
1201 West State Street
West Lafayette, In 47907-2057
765-494-9404
vibbert@purdue.edu
Purdue Realization and Entrepreneurship Doctoral and Postdoctoral (PREPP) Program Application

DEADLINE: TUESDAY, MARCH 27, 2012

Name: 

Address1: 

Address2: 

City: __________________________ State: ______________ Zip Code: ______________

Telephone: ________________________________

Email Address: ________________________________

Current Degree Being Pursued: ________________________________

Graduation Date for Current Degree: ________________________________

College: ________________________________

Department: ________________________________

ADVISOR/MAJOR PROFESSOR INFORMATION:

Advisor/Major Professor’s Name: ________________________________

Advisor/Major Professor Telephone: ________________________________

Advisor/Major Professor’s Email Address: ________________________________

Please list the other faculty on your committee:

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________
Have you worked with the Office of Technology commercialization regarding the commercialization of this research? ______________

If yes, which staff member have you been working with in OTC?
______________________________

If yes, has a licensing arrangement been secured? ______________

Please describe the research that you wish to commercialize. Do not disclose any confidential or proprietary information: __________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Please describe what “problem” your technology solves: _________________________________________
__________________________________________________________________________
__________________________________________________________________________

Please attach:

1. A one-two page statement of interest.
2. A letter of recommendation from your advisor/major professor.
3. Your curriculum vitae/resume.

THANK YOU.

Return application to Bambrah Miller via e-mail bambrah@purdue.edu or campus mail Bambrah Miller/BDMCE/MRGN.