The Weekly News

February 20, 2012

Upcoming MEETINGS

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

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

Monday, February 27
• EAS Undergraduate Committee Meeting, CIVL 2201 (9:00-10:00 am)

Recent EAS Publications


Recent EAS Presentations

Lucy Flesch gave an EarthScope talk at the University of Arizona on February 9th entitled “Kinematics and dynamics of a diffuse North America-Pacific-Bering plate boundary in Alaska and western Canada.”

CROSSROADS GEOLOGY CONFERENCE

The Crossroads Conference will be held in Bloomington, IN, March 30-31, 2012. It is a Midwest-based conference that focuses on undergraduate and graduate student research. There will be a several keynote addresses from various faculty in the Big-Ten schools as well as representatives from industry to discuss employment opportunities. There are some funds available to help with travel costs. Abstract deadline is March 15, 2012. (See two attachments)

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

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 (zurnbirk@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.
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

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 ENTREPRENEURSHIP 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

2012 WORKSHOPS FOR SUSTAINABILITY AND CLIMATE

The topics of sustainability and climate change offer important opportunities to engage students in science that is multidisciplinary, complex and societally relevant. Note that many of these workshops have application deadlines in early March.

The InTeGrate project workshops will address sustainability at two different scales: first at the level of departments, programs and degree pathways, and secondly in the design of individual courses. These workshops are designed to foster an integration of geoscience and other disciplines in the teaching of sustainability.

Programs that Bring Together Geoscience and Sustainability - May 23-25, 2012, Stanford University, Palo Alto, CA
Application deadline: March 5, 2012
http://serc.carleton.edu/integrate/workshops/programs2012/index.html

Systems, Society, Sustainability and the Geosciences - July 24 - 26, 2012, Carleton College, Northfield, MN
Application deadline: April 20, 2012
http://serc.carleton.edu/integrate/workshops/sustainability2012/index.html

The CLEAN project is offering two online workshops to promote effective strategies for teaching climate science. These workshops will include presentations, interactive demonstrations of successful classroom activities, and collaborative projects with other workshop participants.
Communicating Climate Science in the Classroom - April 2 - 11, 2012
Application deadline: March 1, 2012
http://cleanet.org/clean/community/workshops/communication2012/index.html

Teaching Climate Complexity - May 7 - 16, 2012
Application deadline: March 31, 2012

ON THE CUTTING EDGE SUMMER WORKSHOPS FOR FACULTY

Teaching Environmental Geology - June 2-6, 2012, Montana State University, Bozeman
Application deadline: March 1, 2012
http://serc.carleton.edu/NAGTWorkshops/environmental/workshop12/index.html

Virtual Course Design Workshop: Mineralogy, Petrology, Geochemistry (March-October 2012 - see website for specific dates)
Application deadline: March 1, 2012
http://serc.carleton.edu/NAGTWorkshops/coursedesign2012/index.html

Workshop for Early Career Geoscience Faculty: Teaching, Research, and Managing Your Career - June 10-15 2012, College of William and Mary, Williamsburg, VA
Application deadline: March 1, 2012
http://serc.carleton.edu/NAGTWorkshops/earlycareer2012/index.html

Preparing for an Academic Career in the Geosciences - June 27-30, 2012 - University of North Carolina, Chapel Hill, NC
Application deadline: March 8, 2012
http://serc.carleton.edu/NAGTWorkshops/careerprep2012/index.html

See also the On the Cutting Edge webinar series: Hazard webinar series
http://serc.carleton.edu/NAGTWorkshops/hazards/webinars/index.html
Webinars on effective teaching to support student learning as part of the Pursuing an Academic Career series for grad students, post-docs, and early career faculty
http://serc.carleton.edu/NAGTWorkshops/careerdev/AcademicCareer2012/index.html

Offered through the InTeGrate project
Teaching the Methods of Geoscience - June 27-30, 2012, Montana State University, Bozeman MT
Application deadline March 30, 2012
http://serc.carleton.edu/integrate/workshops/methods2012/index.html

2013-14 CORE FULBRIGHT SCHOLAR COMPETITION
The Fulbright Scholar Program is administered by the Council for International Exchange of Scholars, a division of the Institute of International Education. The competition for 2013-14 Fulbright Scholar grants is now open. The application deadline for most programs is August 1, 2012. U.S. scholars and professionals can learn how to present their credentials at www.iie.org/cies.

Useful resources:
1) Catalog of awards for the Core Fulbright Scholar Program for 2013-14: http://catalog.cies.org/
3) 2012 Faculty Workshop PowerPoint: www.cies.org/campus_reps/download/FulbrightWorkshop2012.ppt

AMS SUMMER SCIENCE POLICY COLLOQUIUM
The American Meteorological Society’s Policy Program has opened its call for applicants to the 2012 Summer Policy Colloquium. It is a great event catered to scientists (students, faculty, and professionals) who want to learn more about the policy process - specifically science policy, atmospheric policy, and environmental policy. We are interested in members from all sectors of the scientific community - universities, private sector, and government to come in with scholarly interest and leave the colloquium as the new class of leaders. Information is attached. If anyone has further questions, please don’t hesitate to contact smohleji@ametsoc.org.
http://www.ametsoc.org/atmospolicy/spc/index.html

JOB OPPORTUNITIES FOR RESEARCH ASSOCIATES
The University of Oklahoma CIMMS has two job openings for research associates. (See attachments)

OPPORTUNITIES FOR UNDERGRADUATES
2012 Big Ten Conference Career Expo, Friday, March 9, 9:00 am – 3:00 pm (see attached for information).
Indiana State Department of Agriculture Summer Internship (see attached for more details).

PURDUE’S CENTER FOR SCIENCE OF INFORMATION UNDERGRADUATE ACADEMIC YEAR FELLOWS PROGRAM
Awardees will be part of a Center-wide cohort, and will benefit from professional development and networking opportunities for the 2012-13 academic year. Funding will also be available for the participants to travel to present at conferences. If you are interested in the computational/mathematical nature of the Geosciences, a research project within Information Science/Information Theory would be a great opportunity. (See the attachment for more details.)

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
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.

LOCAL OPPORTUNITY
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.

FEBRUARY BIRTHDAYS!!!
7th - Mike Baldwin
14th – Andrei Gabrilov
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.
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
Research Associate

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma is currently looking for a Research Associate to collaborate with scientists and instructors at the National Weather Service Training Center (NWSTC) in Kansas City, MO to transition meteorological research and forecasting tools into the operational environment, develop practical applications for emerging technologies, incorporate risk communication skills into the warning and forecast system, and optimize NWS forecast delivery systems. NOAA’s Advanced Weather Interactive Processing System 2 (AWIPS2) enables NOAA’s meteorological research, development and operational services to be integrated and leveraged with other federal, regional, state and local agency activities and the private sector.

The duties of this position are:
1. Develop expertise in meteorology and the delivery of forecasts and decision support services.
2. Develop expertise in applying meteorological forecasting and product dissemination and decision support services with the Advanced Weather Interactive Processing System 2 (AWIPS2)
3. Develop skills in operation of Linux, HP, and Windows workstations.
4. Participate in NWS designed simulations to study the effectiveness of newly developed applications and improve field use.
5. Assist in testing and fielding new capabilities and services in a simulated operational environment; by validating both scientific integrity and human factors, deployment risks will be reduced prior to implementation.
6. Review technical and professional publications, and attend seminars to stay abreast of current developments in meteorological and hydrological applications.
7. Attend meetings and professional conferences to understand new meteorological and hydrological applications and interact with the operational community.
8. Perform related duties as assigned to support the development and delivery of user and focal point training for the Advanced Weather Interactive Processing System 2.

The minimum qualifications for the position are:
1. A Master’s Degree in Meteorology, Atmospheric Science or related area;
2. Or a Bachelor’s Degree in Meteorology, Atmospheric Science or related area and at least three years’ experience in operational meteorology, operational hydrology or applied research;
3. Emphasis will be placed on applicants with experience with operational forecast operations, operational forecast systems, risk communication and adult education.

Applicants should identify expertise with any of the following areas: operational forecasting, forecast systems, risk communication and adult education. Strong oral and written communication skills are needed for the position. Please indicate experience with Linux (or UNIX) operating systems, National Weather Service systems, programming skills and commercial software applications specifically Dreamweaver, Flash, and graphic design programs.
Normal working hours will be observed except for occasional irregular hours during system testing or workshops. Incumbents will receive training and gain expertise in the latest meteorological forecasting systems. This position is located in Kansas City, MO.

Supervision will be provided by CIMMS staff. Technical oversight will be provided by CIMMS staff, NWS meteorologists/hydrologists, and NWSTC management. The incumbent will work under general supervision but is expected to determine action to be taken in handling all but unusual situations. Incumbents in this position are not expected to supervise other employees, but may serve as leaders of technical teams.

The beginning salary range will be $33,000-$36,000 per year with University of Oklahoma benefits.

Information on benefits may be found at http://www.hr.ou.edu/employment/WorkingatOU.asp.

The position can begin as soon as February 13, 2012.

To apply for the position, please forward your resume, cover letter and list of three references to:

    Tracy Reinke  
    Executive Director, Finance and Operations  
    University of Oklahoma CIMMS  
    120 David L. Boren Blvd., Suite 2100  
    Norman, OK 73072-7304  
    treinke@ou.edu

JOB REFERENCE: KC12

The University of Oklahoma is an equal opportunity/Affirmative Action employer.
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.
Purdue Realization and Entrepreneurship Ph.D and Postdoctoral Fellows (PREPP) Program

Deadline: March 27, 2012

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 Bambragh Miller via e-mail bambragh@purdue.edu or campus mail Bambragh Miller/BDMCE/MRGN.
INSTRUCTIONS FOR CSoi UNDERGRADUATE CHANNEL FELLOWS APPLICATION

The CSoi Channel Fellows Program is excited to offer full-time undergraduates attending one of the Center’s partner institutions and pursuing a degree related to Information Theory, especially underrepresented students such as women and minorities, the opportunity to enhance their undergraduate education experience through participation in a competitive, paid, research experience. Moreover, awardees also participate in professional development activities and up to 10 hours per academic year on science outreach/service activities.

Awardees receive guidance and help from a mentor who is a scientist at the university and/or industry. Mentors are preferably chosen by the student, but we can assist the applicant with finding a mentor based on their topical interest in the science of information, especially as related to information theory.

Additional information about the benefits of the program can be found on our website: http://soihub.org/channels-program/

Priority Deadline for 2012-2013 Academic Year:

March 30, 2012

Submit your application to:

Via post mail and in-person
Dr. Barbara A. Gibson
Director of Diversity
Center for Science of Information
Purdue University
Felix Hass Hall, Suite 202A
West Lafayette, IN 47907

Via email
Email: barbara@purdue.edu
CSOI UNDERGRADUATE FELLOWS PROGRAM
CENTER FOR SCIENCE OF INFORMATION (CSOI)
NSF SCIENCE & TECHNOLOGY CENTER

CSOI UNDERGRADUATE CHANNEL FELLOWS APPLICATION FORM

Please be sure to read the instructions before completing this application
Priority Due Date for Fall 2012 – Spring 2013 Academic Year: March 30, 2012

(A) PERSONAL AND CONTACT INFORMATION

Full Name:____________________________________________________________

Last                      First                      Middle

Gender (circle one): M    or    F

Phone:___________________________ (Cell) __________________________

Email*: ____________________________________________________________

* NOTE: We rely on email for most correspondence.

Current Mailing Address: _____________________________________________

Permanent Mailing Address: __________________________________________

CITIZENSHIP: U.S. _____  U.S. Permanent Resident _____  Other ______

ETHNIC ORIGIN: (check all that apply):

___ African-American/Black

___ Native American

___ Asian

___ Native Hawaiian/Pacific Islander

___ Caucasian

___ Other (Please specify)

___ Hispanic

(B) ACADEMIC INFORMATION

Main CSOI Institution: ________________________________________________

Current class standing: ___Freshman  ___Sophomore  ___Junior  ___Senior

Cumulative GPA: _______  GPA Last Semester: _______

Major: ___________________ Minor or certificate (if any): ______________

Expected graduation with Bachelor Degree: ___ Fall  ___Spring  ___Summer, Year: 20___

Address

City

State

Zip

Date

Signature

Full Name

Email

Phone

Gender

Citizenship

Ethnic Origin

Graduation Year
(C) TRANSCRIPT(S)
Submit a copy of your complete, current transcript(s) with your application. We accept official or unofficial transcripts.

(D) ACADEMIC REFERENCE and MENTOR
Reference: Please provide a letter of reference from a person whom is knowledgeable about your academic studies. This person should be a professor or teacher, or have good knowledge of your academic and career potential.

Mentor: If you already have one, list the mentor you would like to work with. If you have not yet selected a mentor, leave the line below blank and we will help you find one based on your interests.

Mentor’s Name _______________________________ Email ___________________________
Dept & Institution, or Company ___________________________ Phone No.___________________

(E) RESUME
Attach your current resume to the application packet, and be sure to include the following information (you may use more than one page if needed):
• Work, volunteer or research experience
• Computer or Laboratory Skills
• Awards, honors and scholarships
• Related hobbies (i.e., free diving, hiking, etc.)

(F) PERSONAL STATEMENT
On a separate sheet of paper please answer the following question, and limit your response to 2-pages, single spaced.

“While Shannon’s Theory of Information was originally applied to mathematics and electrical engineering, it is now applied in many other areas, including cryptography, neurobiology, language processing, and thermal physics. Based on your knowledge of basic Information Theory, describe how it may be applied to a research project of your interest.”

(G) APPLICANT'S CERTIFICATION
By signing below, you certify that the responses provided above are complete and true to the best of your knowledge and belief, and that you are a U.S. Citizen or Permanent Resident.

___________________________________________________________  __________________________
Signature                     Date

(H) How did you hear about the CSol Undergraduate Fellows Program? (Optional)
2012 Big Ten Conference Career Expo
The Big Ten Conference Career Expo presented by Bacterin International is a great place to look for a job whether you are looking for an internship, just graduating from college or looking to make a job change. It is open exclusively to students and alumni for the 12 Big Ten Universities. In a post Expo survey to employers last year, 83% of the employers said they would contact students and alumni for job openings. So while you are enjoying some good college basketball and cheering on your team, stop by the Career Expo and find a job! This event is held near the site of the Big Ten basketball tournament. This free event is open only to Big Ten students and alumni. Contact: Donna Imus theimusgroup@mac.com (317) 636-1420. Date: Friday, March 9, 2012. Time: 9:00AM - 3:00PM. Location: Union Station Downtown Indianapolis.

Indiana State Department of Agriculture Summer Internship
ISDA would like an Intern for 8 weeks (May 14th – July 6th) to work solely on a conference they are hosting for 11 other State Departments of Agriculture within in the Midwest. Brief job description:
This intern would assist ISDA staff with last minute details of the conference planning. Prior to the conference they would work with vendors on set-up and tear down, program booklet development, coordinating services such as accommodation, transportation, signage, displays, special needs requirements and printing. During the conference they would handle various tasks, monitor event activities, arrange available audio-visual equipment, and review event locations/facilities. After the event there would be follow-up in the form of thanks you’s, final payments, etc. Applicants should be detailed oriented, organized and have good communication skills, efficient in Microsoft Word and Excel along with some event planning experience or education. If you are interested, e-mail your resume to Amy Eizinger-Ott at aeizinger-ott@isda.in.gov.
Dear Purdue University,

On behalf of the students in the Department of Geological Sciences at Indiana University, I would like to extend an invitation to Purdue University to participate in the 11th Annual Crossroads Geology Conference at Indiana University. This conference is a student-organized event featuring research presentations by graduate and undergraduate students in the geological and environmental sciences. In previous years, we have had participants from several universities and industry representatives from different companies and fields of expertise. This year we hope to have the most diverse Crossroads Conference to date.

The Rho Chapter of Sigma Gama Epsilon (SGE) and IU’s Student Chapter of the American Association of Petroleum Geologists (AAPG) will host this year’s conference March 30th and 31st.

The conference is open to any students to present their research in an oral or poster presentation. It is a great opportunity for students to gain experience presenting to professional and academic audiences. There will also be representatives from various industries, including oil/gas and environmental consulting firms. Small, need-based travel grants will be awarded to students for gas and lodging. There are also monetary prizes for best graduate and undergraduate presentations. If you have any students who may be interested in attending please contact us and we will provide additional information. The abstract deadline is March 15th and a preliminary schedule of events will be sent by February 17th.

We are excited and hopeful that you will choose to participate in the 100% student-run Annual Crossroads Geology Conference. This conference offers students from the Midwest the opportunity to collaborate with peers and professionals and explore different career paths in the geosciences. Your participation will help make this year’s conference the most successful yet.

Sincerely,

The Rho Chapter of Sigma Gama Epsilon and the AAPG Student Chapter at Indiana University

Luke Martin
SGE Rho Chapter President
lukmarti@indiana.edu

David Riese
AAPG Student Chapter President
djriese@indiana.edu

Justin Zabrecy
AAPG Treasurer
jpzabrec@indiana.edu
The Students of
Indiana University
Department of Geological Sciences
Presents

Crossroads Annual Geology Conference

March 30 & 31, 2012

- Poster and oral presentations
- Awards for best graduate and undergraduate presentations
- Travel grants awarded
- Opportunity to meet and greet with company representatives

Abstract deadline: March 15th
Submit abstracts to djriese@indiana.edu
The AMS Summer Policy Colloquium brings a select group of graduate students and professionals to Washington, D.C. for an intense, ten-day immersion in the policy sciences. The Colloquium:

- Provides an overview of policy basics, and how decisions are made governing the course and future of science;
- Provides opportunities for participants to meet and dialog with the federal officials, Congressional staffers and others who make those decisions;
- Surveys current science policy issues;
- Uses the case study method to explore number of issues, both past and present, in depth and detail;
- Helps participants build skills, experience and contacts they can use throughout their careers to understand and participate in the science policy process;
- Helps participants gauge their aptitude for and interest in the challenges of matching science to national priorities, and scientific program leadership.

For more information or to apply, please go to [http://ametsoc.org/SPC](http://ametsoc.org/SPC)
Research Associate

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma is currently looking for a Research Associate to collaborate with scientists and instructors at the National Weather Service (NWS) Warning Decision Training Branch (WDTB) in Norman, OK to study and enhance the technology used in NWS warning decision making training and research.

The duties of this position are:

1) Develop expertise with core NWS operations and training technologies, including the Weather Event Simulator, Advanced Weather Interactive Processing System (AWIPS), and the Weather Service Radar 1988 Doppler (WSR-88D) Radar
2) Develop an understanding of the warning decision making process
3) Assist in managing, deploying, enhancing, and supporting WDTB’s Weather Event Simulator for NWS training, and study new methods of measuring and evaluating the warning decision making process
4) Acquire skills in operation of Linux and Windows workstations, virtual machines, and installing operational software builds
5) Assist in developing AWIPS training, WSR-88D training, and other warning decision making training
6) Participate in experimental warning/forecast exercises and WDTB training workshops
7) Attend meetings and professional conferences to understand new meteorological applications and to interact with the applied-research community
8) Review technical and professional publications, and attend seminars to stay abreast of current developments in meteorological applications

The minimum qualifications for the position are:

1) A Master’s Degree in Meteorology, Atmospheric Science, or related area;
2) Or a Bachelor’s Degree in Meteorology, Atmospheric Science, Computer Science or related area and at least three year’s experience in operational meteorology or applied research
3) Emphasis will be placed on applicants with considerable computer experience

Applicants should identify expertise with any of the following areas: Linux (or Unix) operating systems; programming skills (including web-based); human factors/human evaluation; graphic design or illustration; oral and written communications; severe weather, flash flood forecasting, winter weather; warning decision making; Doppler weather radar, satellite meteorology; objective analysis, meso-scale or storm-scale modeling; project management, teamwork; foreign language.

Normal working hours will be observed except for occasional irregular hours during data collection, warning/forecast experiments, or workshops conducted at remote sites. Incumbents will receive training and gain expertise in the latest training technology and warning decision-making methodologies.

Supervision will be provided by CIMMS staff. Technical oversight will be provided by CIMMS staff, NWS meteorologists, and WDTB management. The incumbent will work under general supervision but is expected to determine action to be taken in handling all but unusual situations. Incumbents in this position are not expected to supervise other employees, but may serve as leaders of technical teams.

The beginning salary range will be $35,000-$40,000 per year with University of Oklahoma benefits. Information on benefits may be found at http://www.hr.ou.edu/employment/WorkingatOU.asp.

To apply for the position, please forward your resume, cover letter and list of three references to:

Tracy Reinke
Executive Director, Finance and Operations
University of Oklahoma CIMMS
120 David L. Boren Blvd., Suite 2100
Norman, OK 73072-7304
treinke@ou.edu
JOB REFERENCE: WDTB12

The University of Oklahoma is an equal opportunity/Affirmative Action employer.