EAPS PUBLICATIONS


EAPS NEWS

CONGRATULATIONS!

John H Cushman, the University Distinguished Professor of Earth, Atmospheric and Planetary Sciences and Professor of Mathematics, has been elected President of the International Society for Porous Media. He will serve as president elect for two years starting this April and president the following two years. Professor Cushman was the chair of the very successful 4th International Conference on Porous Media held at Purdue last spring. The meeting was attended by about 300 of the leading researchers in porous media from around the world.

EAPS GRAD NEWS

2013 SIGMA XI GRADUATE STUDENT RESEARCH AWARDS COMPETITION POSTER SESSION
Where: Stewart Center, Rooms 214/218
Date: Wednesday February 13, 2013.

Graduate Students and Post-Doctoral Researchers abstract of your research in MS Word format by 11:59 pm, Friday, February 1, 2013. (Detailed information is attached)

2013 Graduate Student Research Expo
I am requesting your poster and oral presentation abstracts for the Graduate Research Expo on Saturday, February 9th. Please send a title and abstract to me if you are interested in participating before January 25th. This is your opportunity to practice your presentation skills and tell the department about the work you are doing. If you are graduating anytime soon, this is a great chance to work out some kinks in your style and content before your defense. Thanks, Tenille Medley tdmedley@purdue.edu

CAMPUS NEWS

REM - Amy’s Lab Safety Newsletter
January Edition
(See attached)

New Social Media Policy
If you use Facebook, Twitter, LinkedIn or other social media outlets, please be aware of a new university policy that goes into effect February 1. All University-Sponsored Social Media Outlets in existence must have Account Administrators assigned and be registered in accordance with the policy within 90 days of the policy’s issue date (February 1). The policy is available at www.purdue.edu/policies/information-technology/viic2.html. There is also a new Guide to Social Media available at: https://marketing.purdue.edu/Toolkit/SocialMedia. Here are a few key points you will need to take action on:

- All social media sites affiliated with the West Lafayette campus must be registered with Marketing & Media. Registration information includes the name of the sponsoring site, the media outlet being used, the name and contact information of account administrator(s), and account login information/administrator access. This information must be updated with Marketing & Media anytime there is a change.
- Each social media site must have two account administrators who are benefits eligible faculty or staff. These administrators have ultimate responsibility for maintaining the social media, although they may delegate to other faculty, staff, or currently enrolled students.
- All sites must include the university’s disclaimer in the description on the social media site. A full and short version of this disclaimer are available in both the policy and the guide to social media.

For questions or policy clarification, please contact the Office of Marketing and Media, marketing@purdue.edu, X42082.
RELAY FOR LIFE OF PURDUE UNIVERSITY
APRIL 6-7, 2013

A call out for those interested in Relay for Life on January 15th at 7pm in Beering B286. Relay for Life raises money for the American Cancer Society to fund prevention programs, health and wellness programs, and cancer research. (See attached flyer for more details)

Discovery Learning Research Center
Advancing Research to Transform Education

Showcase & Symposium
Feb. 26, 11:30 am – 3:00 pm
Hall for Discovery Learning & Research, Room 131

The DLRC invites you to join us for an afternoon of information and conversation. The objective of the DLRC Showcase & Symposium is to highlight the mission of the center and to help you better understand how the DLRC can partner with you to enhance your STEM research and proposals. We look forward to seeing you!

Tentative Schedule
11:30 am – Lunch & Keynote
1:00 pm - Program with DLRC Overview Projects
2:00 pm - Afternoon Reception & Poster Session
Additional details and registration for this free event available at www.purdue.edu/dp/dlc.
Please contact Laura Warner at learningcenter@purdue.edu or 494-4555 with questions.

AMS FELLOWSHIPS AND SCHOLARSHIP PROGRAMS
FOR STUDENTS

AMS scholarship and fellowship programs are supported by AMS members, corporations, and government agencies nationwide. The information and applications are available on the AMS web site at www.ametsoc.org, located on the student resource pages.

EARTH SCIENCE RESEARCH GRANTS AVAILABLE!

Ten grants are available for 2013 in amounts up to $3000/grant. The deadline for application is March 1st.
http://www.evolvingearth.org

Indiana Grant Competition for Innovative Uses of GIS Tools and Data

The goal of this grant is to encourage graduate and undergraduate students to take advantage of Indiana’s geospatial data in solving real-world problems. Proposals will be judged based on their relevance to an identified need within the geospatial community, the value provided by the proposed project, and innovative use of geospatial data or tools. Projects using data available through the IndianaMap (www.indianamap.org) will be given priority, but any creative geospatial proposal will be reviewed.

Individuals and groups at universities affiliated with the Indiana Space Grant Consortium (https://engineering.purdue.edu/INSGC) are eligible to apply. Awards for grants of $5,000-$10,000 will be made. Deadline for submission is January 31, 2013.

Award Categories
Categories have been compiled with input from Indiana spatial data professionals. Applicants are encouraged to contact individuals in the geospatial community to verify the need for their proposed project. For a list of sample projects and contacts, see www.igic.org/grants/categories.html

➢ Climate Change and the 2012 Drought
➢ Energy Technology Trends
➢ Environment
➢ Hydrology
➢ Agriculture
➢ Geospatial Technology
➢ Data Visualization
➢ Public Health, Disease, and Epidemiology
➢ Archaeology
➢ Food and Nutrition
➢ Community Organization and Resource Management
➢ Public Safety and Criminal Justice
➢ Public Policy
➢ Spatial Economics
➢ Sport, Tourism, Recreation and Public Spaces
➢ Transportation

Submission Requirements
Applicants must submit a digital application package with the following:
1. Two to three page Proposal Narrative
2. Budget Form and Narrative
3. Curriculum Vitae for Senior Personnel
4. Two Letters of Support
For more information, visit www.igic.org/grants

Indiana Geographic Information Council (IGIC) and Indiana Space Grant Consortium (INSGC) – Grant Competition

The 2012-2013 Indiana grant competition for innovative uses of GIS tools and data. It opens for graduate and undergraduate students’ who is taking advantage of Indiana’s geospatial data in solving real-world problems. The deadline is January 31, 2013.

(See attached for more details)
Predoctoral Training Awards in Translational Research
The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special predoctoral training awards in translational research. Applications must be submitted by February 4, 2013, and awards will start July 1, 2013. Interested candidates should email their CV to Colleen Gabauer, Ed.D. at ictsi@purdue.edu (Ph: 765-494-9256).
(See attached flyer for more details)

FINAL DEADLINE AND WORKSHOP FOR THE 2013 VOLUME OF THE JOURNAL OF PURDUE UNDERGRADUATE RESEARCH
The Journal of Purdue Undergraduate Research is hosting an Abstract Writing Workshop on Tuesday, February 5 from 5:00-6:30 in Hicks G908D. If you are interested in having your research published, please join us to learn how to write your abstract for the final JPUR submission deadline of the year, February 15. Pizza and soda will be provided!”

If you have any questions about JPUR or would like copies of the journal contact me at jpur@purdue.edu or visit www.ipur.org.

2013 Juneau Icefield Research Program.
JIRP is an experience-based educational and research program that takes senior high school, undergraduate, and graduate-level students on an 8-week, self-powered expedition from Juneau, AK, to Atlin, BC, over the Juneau Icefield. During this expedition, students receive training and experience in backcountry skiing, glacier travel, and crevasse rescue; participate in JIRP’s long-running mass balance and surface elevation surveys; receive lectures from top scientists in a range of natural sciences (including glaciology, geology, climatology, meteorology, biology, and ecology); and perform individual research projects, the results of which they present at public symposia in Atlin and Juneau. Students receive academic credits for participation in the program from the University of Alaska Southeast.

This year’s program will run from June 21 through August 16. The cost for the program is $4800; this includes all transportation, food, lodging, and instruction following arrival in Juneau, Alaska (but does not include transportation to and from Juneau). Some scholarships are available. Application materials and additional information are available at JuneauIcefield.com. To ensure full consideration for acceptance and scholarships, completed applications should be submitted by April 15.

For further information about JIRP, http://www.juneauicefield.com/

Research Experience for Undergraduates (REU)
Ecosystem Restoration through Interdisciplinary Exchange (ERIE)-REU
Program Dates: May to August 2013 (10 weeks)
Website: http://www.erie.buffalo.edu/REU.php
Application Deadline: March 1, 2013
Applications are now being accepted for the summer 2013 Ecosystem Restoration through Interdisciplinary Exchange (ERIE)-REU at the State University of New York at Buffalo. The ERIE-REU, sponsored by the National Science Foundation, provides the opportunity for undergraduate students to conduct interdisciplinary faculty-mentored research on a diverse array of projects related to ecological restoration of aquatic systems.

Students involved in the ERIE-REU program will receive one-on-one mentoring in the conduct of environmental research, focused training in environmental and professional ethics, and exposure to a variety of research methods. The program includes weekly group meetings to share research progress, and culminates with a symposium in which each student will present his/her research findings in oral and poster formats. In addition, students will participate in social events and field trips highlighting ecosystem restoration efforts and the environment of western New York and the lower Great Lakes region.

REU participants will receive a $500/week stipend and on-campus housing in a newly constructed LEED-certified student complex. A full time commitment to REU activity is expected (i.e., participants do not enroll in academic classes during the same period). Participation is limited to U.S. citizens or permanent residents, and students must be enrolled as undergraduate students in a college program through Fall of the following year (gradiating seniors are ineligible). Most successful applicants have completed their junior year of study, although well-qualified sophomores are encouraged to apply.

All eligible undergraduate students interested in environmental/civil/chemical engineering, biology, chemistry, environmental science, geology, or geography are encouraged to submit an on-line application; application materials, projects, and more information can be found at http://www.erie.buffalo.edu/REU_apply.php. Students from underrepresented groups or attending institutions lacking research facilities or opportunities are especially encouraged to apply.

The State University of New York at Buffalo (UB) is a premier research-intensive public university, a flagship institution in the State University of New York system and its largest and most comprehensive campus. UB’s more than 29,000 students pursue their academic interests through more than 300 undergraduate, graduate and professional degree programs. Founded in 1846, the University at Buffalo is a member of the Association of American Universities. For more information, please contact: ERIE-REU Program Coordinator
University at Buffalo, 202 Jarvis Hall
Buffalo, NY 14260-3000
Email: ugrad-erie@buffalo.edu
http://www.erie.buffalo.edu/REU.php
**2013 AAPG/SEG**
**SPRING BREAK STUDENT EXPO**
The University of Oklahoma
March 14-15, 2013
(See attached flyer for details)

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**January Birthdays**
Harsh – 1\textsuperscript{st}
Qianlai Zhuang – 2\textsuperscript{nd}
Matt Huber - 10\textsuperscript{th}
John Cushman – 19\textsuperscript{th}
Tom Tharp – 28\textsuperscript{th}

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**IMPORTANT NOTICE ABOUT THIS NEWSLETTER**

This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAPS website at [www.purdue.edu/eas/](http://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 EAPS Technology Support staff, please visit [http://www.purdue.edu/eas/info_tech/index.php](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](http://calendar.science.purdue.edu/eas/seminars).
Call for Nominations

The Purdue University Chapter of Sigma Xi, the scientific research society, is conducting a Graduate Student Research Awards Competition in the format of a scientific poster session.

There will be a first prize of $200, provided by Sigma Xi and The Graduate School, and recognition for other outstanding posters in each of the four research areas:

- Physical Sciences
- Life Sciences
- Engineering
- Behavioral and Social Sciences

There will be one prize for each approximately 15 posters in a research area. In recent years, this has resulted in 2-3 top awards in both Life Sciences and in Engineering.

To participate:

1. Submit an abstract of your research by 11:59 pm, FRIDAY FEBRUARY 1, 2013. These will be published in a booklet. Applications, in electronic format, should be submitted to HNZELAZ@purdue.edu from January 18 to February 1, 2013. Those who submit abstracts will receive detailed information about poster preparation.

2. Present a poster at the 2013 SIGMA XI GRADUATE STUDENT RESEARCH AWARDS COMPETITION POSTER SESSION in Steward Center, Rooms 214/218 on Wednesday, February 13, 2013. The session will run from 12:30 - 4:00 pm (for poster set up and viewing) and from 6:00 - 9:00 pm (for presentation and judging). Presenters are requested to hang their posters by 4:00 pm and to be at their posters from 6:00- 8:30 pm to answer questions from the judges. Judging will be conducted.

3. Posters selected for award will be displayed at the Annual Sigma Xi Initiation Banquet to be held in the John Purdue Room in Stone Hall on April 3, 2013. In addition, all award winners and those highlighted for Honorable Mention will be invited to attend the banquet in recognition of their outstanding research endeavors.

This is an excellent opportunity to learn about the excellence and diversity of scientific research at Purdue as well as to make others aware of your contributions. All graduate students and post-doctoral researchers with appropriate research experiences are urged to participate in this competition.

For additional information, please contact:

Howard N. Zelaznik, Chairperson
Sigma Xi Graduate Student Research Awards Competition
Department of Health and Kinesiology
(765-494-5601 or hnzelas@purdue.edu)
GRADUATE STUDENT RESEARCH
POSTER AWARD AWARD COMPETITION

Abstract Submission Form

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Area for poster to be judged

- Physical Sciences
- Engineering
- Life Sciences
- Behavioral and Social Sciences

Acknowledgement of Permission:

- Submit an abstract of your research in **MS Word format** by 11:59 pm, Friday, **February 1, 2013**. These will be published in a booklet. Forms should be submitted electronically to the email address listed below. Those who submit abstracts will receive detailed information about poster preparation as confirmation of abstract receipt.

- Present a poster at the **2013 SIGMA XI GRADUATE STUDENT RESEARCH AWARDS COMPETITION POSTER SESSION** in Stewart Center, Rooms 214/218 on Wednesday February 13, 2013. Rooms will be open from 12:30-4:00 pm (for poster set up and viewing) and 6:00-9:00 pm (for presentation and judging). Presenters are requested to hang their posters by 4:00 pm and to be at their posters from 6:00-8:30 pm to answer questions from judges. Judging will be conducted by a panel of faculty selected from each of the above research areas.
Posters selected for an award will be displayed at the Annual Sigma Xi Initiation Banquet to be held in the John Purdue Room in Stone Hall in April 2013 (exact date to be announced). In addition, all award winners and those highlighted for Honorable Mention will be invited to attend the banquet in recognition of their outstanding research endeavors.

By submitting this form electronically, I hereby give my unrestricted permission for the Purdue University Chapter of Sigma Xi to reproduce this professional abstract in the 2013 Graduate Student Research Poster Award Competition abstract booklet. I also hereby certify and attest that I have approval from my Major Professor to submit this abstract, and I am the person specified in the abstract.

Please submit this form and your abstract in MS Word format via email to hnzelaz@purdue.edu on or before Friday February 1, 2013.

Please type or paste your abstract below (NEXT PAGE. DO NOT CHANGE FONT, MARGINS, ETC. ABSTRACTS WILL BE RETURNED IF YOU DO NOT FOLLOW FORMAT ... THANKS SO MUCH FOR YOUR UNDERSTANDING)

List all contributing authors and their affiliations; the title of your abstract, and the abstract (Note: the abstract itself can be no more than 250 words, this does not include title, authors etc.)
Title

Authors (Last Name, FI, Last Name, FI, * ..)
   Purdue Affiliation
Welcome to winter, Purdue. At REM, our job is to help you stay safe in your lab. Here are a few things you need to know.

Personal Protective Equipment & Hazard Assessments

Ever heard of a Hazard Assessment? It may sound complicated, but let me break it down for you.

Hazard Assessments are one component of Purdue’s Personal Protective Equipment (PPE) Policy, a policy that is meant to protect you from chemical, radiological, biological, and mechanical hazards in your work space. As part of that policy, we require that you complete a Hazard Assessment. You can complete Hazard Assessments based on a single task, job position, or location.

So, how do you do that?
Step 1: Identify hazards.
Step 2: Identify ways to prevent those hazards with the use of PPE or control measures.
Step 3: Communicate the decisions and train each person in the use of PPE and document the training.
Step 4: Complete a Certificate of Hazard Assessment and post it in your area (Must be signed by PI).

When you are identifying hazards, thinking about things that could go wrong in your lab is a good place to start. “What if?” questions can aid you in identification of hazards. For example, what if this chemical got on my skin or in my eyes? The PPE you should use to protect from that hazard would include gloves, safety glasses, and a lab coat. Or what if I inhaled this chemical? To prevent this hazard, work with that chemical should be done in a fume hood.

More information about the PPE policy and Hazard Assessments can be found at http://www.purdue.edu/rem/home/booklets/PPEPolicy.pdf It will give you more information about completing hazard assessments and identifying possible hazards as well as guidance on PPE selections.

Ethidium Bromide Debris

***Notice***

If you generate solid waste or debris that is contaminated with Ethidium Bromide (EtBr or EB), it is hazardous waste. However, do NOT use orange biohazard bags to dispose of the waste. Please double-bag the dry waste in plain black trash bags. Ziploc bags or cardboard boxes are also acceptable.

For more info, go to: http://www.purdue.edu/rem/hmm/ethidbr.htm

Only YOU Can Prevent Unknown Chemicals!

Preventing unknown chemicals in your lab is easy, all you need to do is label your chemicals when you use them and dispose of chemicals no one is using. However, if you do find yourself with unknown chemicals, please submit them on a Hazardous Waste Pickup Request. When you do, we will send an e-mail asking the following questions:

- Can you provide me with any information regarding the unknowns on your pickup request?
- Are there any markings?
- What experiment was it used for?
- Was it inherited from previous lab occupants?
- Was it simply not labeled upon transferring?

Characterizing unknown chemicals is time-consuming and costly so we are trying to gather more information about your chemicals in order to dispose of them properly. For more Information, go to: http://www.purdue.edu/rem/hmm/unknown.htm

*Smokey the Bear is a mascot of the U.S. Forest Service
REM Hazardous Waste Pick-up Team

You might have seen these guys around your building or in your lab, they are REM’s Hazardous Waste Pick-up Crew. They are out on campus picking up chemical waste nearly 40 hours per week! If you have a question about your waste, they will be glad to help you find an answer.

From left to right: Stuart, Juan, Brandon, and Mike

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
What is Relay for Life?
A fun–filled 15 hour event in April where we raise money for the American Cancer Society, remember those who battled cancer, and fight back against this horrible disease!

Make a difference!

Join the fight against cancer!

You do not need to have a team formed to come to the call-out! Just come to learn about Relay for Life and how you can get involved.

Questions? Email us at cacteamdev@gmail.com
The Langley Aerospace Research Student Scholars (LARSS) Research Internship Program
http://www.nianet.org/larss

The NASA Langley Research Center (Hampton, VA) offers paid, year-round (3 sessions), highly competitive research internships for exceptional students to work with Langley engineers and scientists on some of the Nation’s most important, difficult, and challenging problems. The LARSS program emphasizes multi-disciplinary and collaboratively developed solutions to problems in such broad areas as (1) flight, including entry, descent, and landing, in all atmospheres; (2) Earth systems science, including the characterization of all atmospheres; (3) affordable, safe, and sustainable space exploration systems and technology; and (4) materials and structural concepts, analysis, and integration.

ELIGIBILITY REQUIREMENTS
- U.S. Citizenship
- Full-time student status at an accredited U.S. college or university
- Classification as a rising undergraduate junior or senior, or graduate student (master's or doctoral level)
- Cumulative 3.0 GPA on a 4.0 scale

PROGRAM SESSION DATES
  Application Deadline: Oct. 11, 2012
- 2013 Summer Session (10 weeks) June 4 – Aug. 9, 2013
  Application Deadline: Feb. 1, 2013
- 2013 Fall Session (15 weeks) Sept. 4 – Dec. 13, 2013
  Application Deadline: June 26, 2013

CONTACT INFORMATION
Debbie Murray
LARSS Program Coordinator
Phone: 757-864-5215
Fax: 757-864-9701
Deborah.B.Murray@nasa.gov

Find additional LARSS information, application, and deadlines at http://www.nianet.org/larss
IGIC Announces the 2012 – 2013 Indiana Grant Competition for Innovative Uses of GIS Tools and Data

In partnership with the Indiana Space Grant Consortium (INSGC), The Indiana Geographic Information Council (IGIC) is pleased to announce our first ever GIS grant competition in support of STEM Education for the State of Indiana.

Deadline for submission is January 31, 2013:
IGIC’s goal of this grant is to encourage graduate and undergraduate students to take advantage of Indiana’s geospatial data in solving real-world problems. Proposals will be judged based on their relevance to an identified need within the geospatial community, the value provided by the proposed project, and innovative use of geospatial data or tools. Projects using data available through the IndianaMap (http://www.IndianaMap.org) will be given priority, but any creative geospatial proposal will be reviewed.

Project Categories:
The following grant categories have been compiled with input from Indiana geospatial data professionals: Public Health, Disease and Epidemiology, Archaeology, Food and Nutrition, Community Organization and Resource Management, Public Safety and Criminal Justice, Public Policy, Spatial Economics, Sport Tourism Recreation and Public Spaces, Transportation, Climate Change and the 2012 Drought, Energy Technology Trends, Environment, Agriculture, Geospatial Technology and Geospatial Data Visualization.

Application Timeline:
All applications should be received by January 31, 2013 to ensure full consideration. Timelines for awardees are scheduled as follows:
- November 5, 2012: Application submission opens
- January 31, 2013: Application deadline
- March 29, 2013: Initial notification of intent to award

Eligibility:
Students currently attending universities in Indiana affiliated with the Indiana Space Grant Consortium (https://engineering.purdue.edu/INSGC) are eligible to apply. Awards for grants of $5,000-$10,000 will be made. Both individual and group projects will be considered. Students and PIs receiving funding must be US citizens. For projects NOT using IndianaMap data, 1:1 matching will be required.

For more information visit the IGIC Grants home page: http://igic.org/grants/
4th Annual
Midwest Graduate Research Symposium

Saturday
April 20, 2013
8:00A.M. – 7:30P.M.

FREE

*Aopen to All Graduate Students from All Study Areas*

Registration Deadline: March 29, 2013

• Register for free online by visiting www.utoledogsa.com → Participant Registration
• For complete information, visit: www.utoledogsa.com/information

• Semi-Formal Dinner
• Oral & Poster Presentation
• Great Networking Opportunity

E-mail: graduatestudentassociation@gmail.com

Sponsored and Organized by the University of Toledo Graduate Student Association
Predoctoral Training Awards in Translational Research

The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special predoctoral training awards in translational research.

In biomedical terminology translational research refers to what is popularly termed "bench to bedside", the process by which research in the lab "translates" into patient treatment. Translation may involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans, or carrying out research aimed at enhancing the adoption of best practices, or both.

These two types of translational research are usually described as consisting of either “T1 research” (basic biomedical research, e.g. study disease at a molecular or cellular level, as it progresses to the development of new treatment options at the clinical level) or “T2 research” (enhancing access to and the adoption of evidence-based strategies in clinical and community practice, institutionalizing programs, products, and services to improve health). These awards are aimed at predoctoral students whose research is at any point along this spectrum.

Funding is available for pre-doctoral graduate students. Criteria for application include:

- Candidates must have completed at least one year of a pre-doctoral training program but cannot have completed more than their third year (i.e., applicants must be in the second or third year of their pre-doctoral program when they apply).
- Co-mentorship by faculty investigators from at least two different disciplines (preferably a clinician and a non-clinician scientist).
- Research that is translational in nature and takes advantage of the synergism that comes from working at this basic/clinical interface.
- U.S. citizen or permanent resident status.

Funding is for two years (with the 2nd year of funding contingent upon satisfactory progress). Benefits include a full stipend as well as health insurance and partial coverage of tuition and fees. The Indiana CTSI is applying for a competing renewal in early 2013. Funding availability is contingent upon continued funding of the Indiana CTSI by the NIH.

Trainees will be required to participate in a translational science course, attend a National CTSA meeting, and present at several Indiana CTSI pre-doctoral gatherings during the academic year.

Applications must be submitted by February 4, 2013, and awards will start July 1, 2013. Interested candidates should e-mail their CV to Colleen Gabauer, Ed.D, at ictsi@purdue.edu (Phone: 765-494-9256).
2013 AAPG/SEG SPRING BREAK STUDENT EXPO

Hosted by The UNIVERSITY of OKLAHOMA

MARCH 14 – 15, 2013

- Private Interviews
- Multiple Short Courses
- Scientific Poster Contest
- SEG Challenge Bowl
- Company Booth Exhibits
- Field Trip
- Door Prizes

Networking
Field Trip
Short Courses
Poster Contest
Challenge Bowl
Interviews

GEOSCIENCES STUDENTS
Go to http://www.ou.edu/content/mcee/geology/student_expo.html to register online! Submit resumes and abstracts via internal link.

REGISTRATION OPEN NOW!

COMPANIES
Review resumes and abstracts online. Booth space will be provided for company exhibits and rooms for private interviewing. Three sponsorship levels! Visit the website to register now http://www.ou.edu/content/mcee/geology/student_expo.html.

REGISTRATION OPEN NOW!

See website for links to Expo AGENDA, host hotel, map, SEG Challenge Bowl details, short course descriptions, and poster guidelines,