The Weekly News

September 17, 2012

Upcoming MEETINGS

Monday, September 17, 2:30, HAMP 2201
Honors Committee Mtg.

Wednesday, September 19, 9:00, HAMP 2201
Undergrad Committee Mtg.

EAPS SEMINAR

Friday, September 21, 12:00, HAMP 2201
Armchair Traveler Series, “Adventures in Western China,” Greg Michalski

EAPS WEATHER BRIEFING MEETING
Every Monday, Wednesday & Friday, 1:00 pm, HAMP 4173

CAMPUS-WIDE SEMINARS & EXPOS

The Discovery Lecture Series and Center for Research on Diversity and Inclusion present,
“Immigration and the 2012 Election: An Academic Roundtable”, Sept. 20, 7:00-8:30 pm, Lynn Hall, Rm 1136. Free & open to the public. (See attachment for more information and Panelists)

2nd Annual Global Design Team Exposition: Thursday, September 27, ARMS Atrium, 11:30am-4:30pm
Global Design Teams (GDT) are international service-learning projects that offer cross-cultural interaction and practical design experience by developing sustainable technologies for real-world application. Teams work with international partners over the course of a semester for academic credit to identify and address challenges. For more information: https://engineering.purdue.edu/GEP/News/Spotlights/global-design-teams-exposition


URBAN RISE: Footprints of a Global Civilization, Ecological Sciences and Engineering (ESE) Symposium 2012, Oct. 16-17, Discovery Park
(See attached flyer for questions and registration)

Welcome to Tamara Clarkson – MATH 202 CoS Career Development and Retention Specialist

Have you spoken with students who are struggling to understand how their interests align with careers in science? Do you wish students understood the multiple and varying career options for which their College of Science degree equips them? (See attached sheet for more information)

EAPS ALUMNI EVENTS

Monday, November 5th – Border Grill, Mandalay Bay Resort and Casino, Las Vegas from 6 – 9 pm
(See attached flyer for this event)

Wednesday, December 5th – ThirstyBear Brewing Company, San Francisco from 7 – 9 pm

RECENT EAPS PUBLICATIONS, PRESENTATIONS & AWARDS

Laura J. Pyrak-Nolte has been appointed a Member of the Earth Sciences Council, US Department of Energy.

Laura J. Pyrak-Nolte was on the organizing Committee, Hedberg 2012 Conference on Fundamental Controls on Flow in Carbonates in July 2012 and gave a keynote presentation, “Challenges in Seismic Monitoring of Flow through Fractured Carbonates.”

Laura J. Pyrak-Nolte has been appointed Chair of the 47th US Rock Mechanics / Geomechanics Symposium - American Rock Mechanics Association to be held in San Francisco, CA June 23-26, 2013.

Angel Torres-Valcarcel, EAPS PhD candidate, offered a talk about "Environmental Sustainability" at a local "Sustainable Schools Program" (SSP) participating school in Puerto Rico, Sept. 12.

**WABASH RIVER ENHANCEMENT CORPORATION**

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

**PURDUE - VPR Internal Funding Opportunities**

The research equipment and incentive grant programs can be found at:
http://www.purdue.edu/research/vpr/rschdev/fund_main.php

**PURDUE – College of Science**

Why Choose Science?

**NASA Langley Research Center**

The Langley Aerospace Research Student Scholars (LARSS) Research Internship Program
The NASA LARSS internship program is a paid (stipend) research experience open to U.S. citizens who are full-time undergraduate (juniors and seniors) and graduate students. (See the attached flyer for more information.)
http://www.nianet.org/larss

**Faculty, Staff and Grad Students!**

Center for Instructional Excellence – Fall 2012 College Teaching Workshops
Series I: Building on the Basics (Take one, several or the entire series!) (For more information, see ‘Series I’ attached flyer)
Series II: Expanding Your Teaching Toolkit (For more information, see “Series II” attached flyer)

**EAPS GRADS**

**SHELL OIL COMPANY**

Mark Davidson, Shell Oil Company, will be on campus Sept. 25-26 to interview M.S. and Ph.D. Geology, Geophysics, and Geomatics students. Please see Kathy Kincade, 2169D/HAMP to sign up for an interview. Prior to your interview, please upload your resume to www.Shell.com.

On the evening of Tuesday, Sept. 25, Mark will hold a meet-n-greet in Room 2201/HAMP at 5:00pm. Food provided. To make sure enough food is ordered, please let Kathy Kincade (kkincade@purdue.edu) know by Friday, September 21, if you plan to attend.

**SHELL ENERGY DAY**

Thursday, Sept. 27, 2012, Pfendler Hall 241, Dean’s Auditorium (See attached flyers for more information)

**ExxonMobil Interviews**

October 18-19, 2012

*ExxonMobil* will be on campus **October 18-19** to interview M.S. and Ph.D. students who are interested in petroleum geoscience-related careers in areas associated with: Exploration, Development, Production, Geophysics Specialties, and Research. They will be interviewing students for both regular employment and internships. See posted flyer for additional details.

Please submit an application, your resume and copies of your transcripts online at (www.exxonmobil.com/apply) one week prior to interviewing. To sign up for an interview time, please see Kathy Kincade in Room 2169D/HAMP.

In addition, Bob Stewart, Recruiter for ExxonMobil, will also conduct an pre-interview presentation on Thursday, October 18 at 5:00pm in Room 2201/HAMP. (See attached flyer for more details)

**Tenure-Track Faculty Position in Stratigraphy**

Northern Illinois University
www.niu.edu/geology
(See attached for more information)

**Graduate Research Fellowship Program (GRFP)**

Application Deadline(s) (submitted by 8 p.m. Eastern Standard Time):
November 13, 2012: Engineering; Computer and Information Sciences and Engineering; Materials Research
November 14, 2012 Mathematical Sciences; Chemistry; Physics and Astronomy
November 16, 2012 Social Sciences; Psychology; STEM Education and Learning
November 19, 2012 Life Sciences; Geosciences

**GEM Fellowship Grad Lab**

Saturday, September 22nd, 1-6 pm

GEM, it is a consortium of corporations and universities working together to provide funding for students interested in graduate school. This partnership promotes the participation of underrepresented groups in post-graduate science and engineering education and the technical workforce. The GEM GRAD Lab is provided at no cost to the students.

GRADUATE RESEARCH ASSISTANTSHIP OPENING – UNIVERSITY OF TENNESSEE

We invite prospective M.S. and Ph.D. students to apply for a graduate research assistantship in cosmogenic nuclide dating in the Department of Geography at the University of Tennessee. The GRAship is funded by an NSF grant to Yingkui Li and Sally Horn for a project to develop a chronology of glacial advances in Costa Rica using cosmogenic nuclide surface exposure dating (primarily $^{36}$Cl). Our project grows from previous research by Ken Orvis, Sally Horn, and others on the glaciation of the Cordillera de Talamanca, a key location in the isthmian region of the American Cordillera (see Quaternary Research 54: 24–37 and included references).

We are looking for a highly motivated student with a background in physical geography, geology, or related area who could ideally start in our graduate program and on our project in January 2013. Funding on the NSF grant is available for two years, after which time students can apply for support as teaching assistants or teaching associates, or as research assistants on other funded projects. The GRAship includes a salary of $21,600/year plus tuition and health benefits. While the GRAship focuses on laboratory analyses of samples in hand, opportunities may exist for related field work in Costa Rica or the Tibetan plateau.

We are particularly interested in students who are excited about studying glacier dynamics and climate change and are interested in learning cosmogenic nuclide techniques. We prefer to recruit a student who can work independently and who already has some relevant field and/or laboratory experience. Interested candidates should contact Yingkui Li (yli32@utk.edu) or Sally Horn (shorn@utk.edu) and begin the process of applying for admission to the graduate program in Geography, following instructions here: http://web.utk.edu/~utkgeog/grad.htm. Additional information on our department is available here: http://web.utk.edu/~utkgeog/.

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Global warming may fuel stronger hurricanes whose winds whip up faster, new research suggests by Dev Niyogi suggests. It was also carried by ABC news and some other outlets over the weekend. Read more from LiveScience: http://www.livescience.com/23003-hurricanes-increase-intensity-global-warming.html

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“A Note from Our Academic Counselor

Germany Spring Break Class

The MET Department is sponsoring the tenth study abroad trip to Germany featuring a look at technology and culture. The 2013 trip, March 7 - March 16, 2013, is a part of MFET 490, a 3 credit course titled Technology, Innovation and Culture in Bavaria meeting on Monday evenings from 6:00 to 7:30 starting in January. The pre-trip sessions provide class time to learn about applied technology in Germany, prepare for this international experience and to review the experiences after the trip. This is open to majors outside of Technology! Preference will be given to “first time” international travelers (other than military service travel). Student cost for this trip is projected to be about $2,350. You should apply now if interested. Contact nstewart@purdue.edu for more details and application materials.

Woodrow Wilson Indiana Teaching Fellowships

The Woodrow Wilson Indiana Teaching Fellowship seeks to attract talented, committed individuals with backgrounds in the STEM fields—science, technology, engineering, and mathematics—into teaching in high-need Indiana secondary schools. Learn more.

Funded through a $10 million grant from Lilly Endowment, Inc., the Teaching Fellowship offers rigorous pedagogical preparation, extensive clinical immersion in secondary classrooms, and ongoing mentoring.

- Admission to a master’s degree program at a well-established partner university (http://www.wwteachingfellowship.org/program/indiana-partners.php)
- Teacher certification in science, mathematics or technology education
- Extensive preparation for teaching in a high-need urban or rural secondary school for one full year prior to becoming the teacher-of-record in a science or math classroom
- A $30,000 stipend (Once Fellows are certified teachers at the end of the first year, they obtain salaried employment in high-need schools.)
- Support and mentoring throughout the three-year teaching commitment
- Support of a cohort of WW Fellows passionate about science and math education
- Lifelong membership in a national network of Woodrow Wilson Fellows (http://www.woodrow.org/about_fellows/index.php) who are intellectual leaders

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The Fellowship is open to college seniors, graduates, and career changers who:
- Have majored in and/or have a strong professional background in a STEM field (science, technology, engineering, or math);
- Demonstrate a commitment to the program and its goals;
- Have U.S. citizenship or permanent residency;
- Have attained, or expect to attain by June 30, 2012, a bachelor's degree from an accredited U.S. college or university;
- Have attained, or expect to attain by June 30, 2012, a bachelor's degree from a U.S. college or university;
- A cumulative undergraduate grade point average (GPA) of 3.0 or better on a 4.0 scale is preferred*

*Note: Candidates who can demonstrate excellence through other avenues will also be considered. All applications are considered in their entirety and selection is based on merit.

Other questions that are not answered in the information posted on their website can be emailed to the Woodrow Wilson Foundation at wtteachingfellowship@woodrow.org or by calling 609-452-7007 ext. 141.

Interested in Politics?
The Indiana Legislative Intern Day Reception is on Monday, September 17 from 5:30pm-7pm in PMU Rm. 118. At the reception you will have the opportunity to learn about internships with the Indiana Undergrads: Don’t let lack of funding prevent you from learning beyond the classroom!

Is there a fabulous unpaid summer internship in your major field of study that you would like to take but can’t because you need paid work to help support your education? Do you want to attend a scientific conference but can’t afford the registration fees? Would you like to job shadow a professional in Chicago but lack money for transportation and housing? Do you aim to gain valuable international experience but it doesn’t fit into your budget? Apply for a ‘Learning Beyond the Classroom’ grant. More information at: http://www.science.purdue.edu/index.php/component/content/article/4-uncategorized/1106-lbc-funding

SEPTEMBER BIRTHDAYS!!
Katie Levitt – 2\textsuperscript{nd}
Eric Calais – 15\textsuperscript{th}

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 Wanita Thompson (thompso@purdue.edu) by Friday noon of each week for inclusion in the Monday issue. If it is in the newsletter, we assume you know about it and no other reminders are needed.

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at http://calendar.science.purdue.edu/eas/seminars.
Immigration and the 2012 Election: An Academic Roundtable

Immigration is a complex and hot-button issue in the United States that often confounds the usual partisan political divisions. For many voters, immigration is also a key issue for the upcoming November 2012 elections. Sponsored by Purdue’s Center for Research on Diversity and Inclusion, the journal Politics. Groups and Identities, and a national consortium of scholars who study race, ethnicity and immigration (PRIEC), among others, this panel will explore how currents of race, ethnicity, class, and gender shape the issue of immigration, focusing in particular on the way the issue of immigration is likely to affect- and be affected by - the November elections. The Roundtable convenes nationally recognized experts for a public, non-partisan discussion of the developing politics of the issue. Speakers will focus on issues of race, ethnicity and elections as well as on public opinion surveys and polling. This wide-ranging discussion will be followed by a question and answer session with the audience and a reception.

Panelists

Lisa García Bedolla  
Associate Professor of Social and Cultural Studies in the Graduate School of Education at the University of California, Berkeley  
Cher of Berkeley's Center for Latino Policy Research

Niambi Carter  
Assistant Professor of African American Studies at Temple University

Karthick Ramakrishnan  
Associate Professor of political science at the University of California, Riverside

Valeria Sinclair-Chapman  
Senior Lecturer at the University of Rochester

Diane Thomas  
President and CEO of the International Center in Indianapolis

More Information on the conference and speakers:  
www.priec2012.com
Ecological Sciences and Engineering (ESE) Symposium 2012

URBAN RISE: Footprints of a Global Civilization

October 16-17 at Discovery Park

- Keynote Dinner and Address from John Francis, PhD – Visiting Associate Professor, The Nelson Institute at the University of Wisconsin-Madison
- Undergraduate and Graduate Student Poster Competition (With Cash Prizes)
- Plenary Speaker, Dr. Steve Hallett, Botany & Plant Pathology, Purdue
- 3 Technical Session

Registration Now Open at www.purdue.edu/esesymposium
Free to attend and participate but space is limited, so register today!
Abstract Submission Deadline: September 24, 2012

Questions? Please contact us at eseevent@purdue.edu
Introducing Tamara Clarkson, CoS Career Development and Retention Specialist

Have you spoken with students who are struggling to understand how their interests align with careers in science? Do you wish students understood the multiple and varying career options for which their College of Science degree equips them?

I am excited to embrace these questions and help students better understand who they are and how they fit into the world of work. As the Career Development and Retention Specialist for the College of Science I plan to:

- Identify the unique career development needs of students within each CoS department and create interventions that meet those needs.
- Conduct one-on-one career consultations with CoS students during which I will interpret the Strong and MBTI inventories, provide targeted career resource material, and explore students’ career concerns, values and skills.
- Develop and maintain a CoS Facebook where I will post internship/career opportunities, supply career development literature, and provide a forum where students can express their career development needs.
- Update and develop the College of Science career website.
- Bring career development information and opportunities to advisors through weekly/biweekly newsletters.
- Present career information to CoS organizations or classes based on their members’ specific career needs.
- Establish a LinkedIn group where students can connect with CoS graduates.

I am located in the Mathematical Sciences Building, Room 202. If you have students who could benefit from these services, please send them my way! They can email me at tclarks@purdue.edu with their career concerns and set up a meeting. Or, if there is a student organization or club that you sponsor to which I can be of service, please send them my way.

Tamara Clarkson
Career Development & Retention Specialist
College of Science, Purdue University
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
College Teaching Workshops — Series I: Building on the Basics
For Faculty, Staff and Graduate Students
Take one, several, or the entire series!

Student-Teacher Relationships
Strategies you can use to foster good relationships with your students. Common disruptive student behaviors, and techniques for handling classroom crises.
Tuesday, September 4, 9:00-10:30 am - POTR 141

The Nuts & Bolts of Setting Rules for Your Course
Key University policies that relate to teaching at Purdue, including how to create an attendance policy, handle make-up work, and avoid grade appeals.
Tuesday, September 11, 9:00-10:30 am - POTR 141

Designing a Course From Scratch
The basics of designing a course from scratch using course goals and objectives, activities to meet your objectives, and measurements to see if your students have achieved them.
Tuesday, September 18, 9:00-10:30 am - POTR 141

How to Avoid Giving a Bad Presentation
Strategies for preparing and delivering an effective presentation. How to attract your students’ attention, improve your presentation techniques, and build effective PowerPoint presentations.
Tuesday, September 25, 9:00-10:30 am - POTR 141

Micro-Teaching: Practice Your Teaching
In this workshop, you’ll present a short lesson to a group of your peers who will role-play the students in your class. Besides getting feedback on your presentation, you’ll have a videotape to include in your teaching portfolio.
Contact CIE to register.
Tuesday, October 2, 8:30-10:30 am

Getting Feedback to Improve Your Teaching
Ways to get feedback from your students that will improve learning, tweak your teaching, and teach your students to take responsibility for giving people feedback.
Tuesday, October 16, 9:00-10:30 am - POTR 141

Creating the Engaged Classroom: Discussion Techniques
Engaging your students in the learning process using think-pair-share, group discussions, and small group work.
Tuesday, October 23, 9:00-10:30 am - POTR 141

Tools and Techniques for Creating Effective Tests
How to avoid writing test questions that your students might consider to be “picky,” “tricky,” or “ambiguous.” What goes into making a good test, and how tests can be used to enhance student learning.
Tuesday, October 30, 9:00-10:30 am - POTR 141

Why Didn’t I Get an “A”? Using Subjective Tests and Assigning Grades
The benefits and challenges of using (and grading) subjective tests. Practice creating a rubric to use when grading student projects.
Tuesday, November 6, 9:00-10:30 am - POTR 141

Are Your Students Cheating? How to Prevent and Respond
Ways to prevent academic dishonesty (and other academic integrity issues) and find resources to deal with a cheating incident should one occur.
Tuesday, November 13, 9:00-10:30 am - POTR 141

Register for Series I Workshops — click on title
Everything You Need to Know About Teaching According to Tom Turpin

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

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

Here are a few things to expect:

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

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

Alan Alda’s Tips for Translating Technical Information

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

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

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

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

In this workshop, and assisted by Anne Fliotsos from the Theatre Department, Linda will explain the concept behind this program and will get us all to “loosen up” by doing some low-risk improvisational exercises.
Join Shell and Purdue for a series of discussions that will explore the challenges and opportunities we face in our attempt to meet the world’s growing need for energy through natural gas and renewable energy sources.

**Date:** Thursday, September 27, 2012  
**Location:** Pfendler Hall 241, Dean’s Auditorium

**Schedule:**
- 7:30am – 8:00am Registration
- 8:00am – 8:15am Opening Remarks
- 9:15am – 10:15am Panel Discussion: “Keystone Pipeline/Shale Oil Sands”
- 10:30am – 11:30am Panel Discussion: “Fracking”
- 12:00pm – 1:00pm Shell Careers Presentation (Pizza and Soft Drinks Provided)
- 1:00pm – 1:30pm Open Networking
- 1:30pm – 3:30pm Energy Poster Session and Prize Presentation (registration required)

Panel speakers include senior leaders from Shell and Purdue faculty.

A networking lunch and careers presentation will offer students the chance to meet with Shell recruitment staff to learn more about scholarships, internships, and career opportunities.

To see a full list of speakers and to register, visit [www.purdue.edu/dp/shell2012](http://www.purdue.edu/dp/shell2012). Seats are limited, so register by September 24th.

**Let’s deliver better energy solutions together.**
Shell Oil Company

Mark Davidson, Shell Oil Company, will be on campus September 25 and 26 to interview M.S. and Ph.D. Geology, Geophysics, and Geomatics students. Please see Kathy Kincade, 2169D/HAMP to sign up for an interview. Prior to your interview, please upload your resume to www.Shell.com. Mark will not take your resume at the time of the interview, but you can bring one along for discussion if you would like.

On the evening of Tuesday, September 25, Mark will hold a meet-n-greet in Room 2201/HAMP at 5:00pm. Food provided. To make sure enough food is ordered, please let Kathy Kincade (kkincade@purdue.edu) know by Friday, September 21, if you plan to attend.

In addition, Mark invites all interested graduates and undergraduates to attend Shell Energy Day on Thursday, September 27 (see flyer for additional details). To see a full list of speakers and to register, visit www.purdue.edu/dp/shell2012. Seats are limited, so register by September 24th.
Purdue University  
Department of Earth and Atmospheric Sciences  
October 18-19, 2012  
Recruiter: Bob Stewart  
ExxonMobil Geoscience

ExxonMobil will interview students interested in petroleum geoscience-related careers in these areas:

<table>
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<tr>
<th>Exploration</th>
<th>Development</th>
<th>Production</th>
<th>Geophysics Specialties</th>
<th>Research</th>
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Applicants are required to fill out an online application and post a copy of their resume on our website one week prior to interviewing with our campus recruiter. **We do not accept hard copy applications.** Copies of transcripts should also be posted on the website or brought to the interview. At this stage of the process, "unofficial" school versions of transcripts will be accepted as attachments to the online submittal. The ExxonMobil website is [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply).

The recruiters will conduct a pre-interview presentation on October 18 at 5:00pm in Room 2201/HAMP.

**Candidates for Regular Employment:**

For those interested in careers in Exploration, Development and/or Production, we will be interviewing graduate students receiving a MS or a PhD degree in Geology or Geophysics. In addition, we will be interviewing graduate students who are interested in geophysics specialties such as seismic acquisition or processing, and working with specialty applications (velocity models, seismic attribute analysis, AVO analysis, etc.).

For those interested in careers in Research, we will be interviewing graduate students receiving a PhD degree and post-doctoral fellows in the following areas: Geology, Geophysics, Math, Electrical Engineering, Physics and Computer Science.

**Candidates for Internships:**

We are very interested in interviewing students who meet the following requirements:

- Will be completing their MS or PhD degree program within one year (two years for research) after their internship.
- Ability to work approximately three months.

Internships are available throughout the year. Although we will give preference to those students graduating in 2013 or 2014, we will be happy to discuss career opportunities with other students as the interview schedule permits.

**ELIGIBILITY INFORMATION APPLICABLE TO CANDIDATES FOR REGULAR AND INTERNSHIP EMPLOYMENT**

Applicants must have the right to work in the United States. Under certain circumstances, visa sponsorship may be available for applicants with an M.S. and/or a Ph.D. degree in certain research or geophysical specialty disciplines. If you fit the above criteria and are interested, please utilize the [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply) website for your application and/or ask one of our campus recruiters for specific details.

Applicants for internship must have the legal right to work in the U.S. during the period of the internship. If you are interested in regular U.S. employment after your internship, you must be able to meet the regular U.S. hiring criteria at the time of regular U.S. hiring.

Individuals who have authorization to work in countries where ExxonMobil has geoscience staff such as Angola, Nigeria, Europe, Malaysia, Indonesia, Russia, and the Middle Eastern countries, may be considered for employment by our affiliates in these locations and should sign up to interview for such employment. Students currently attending school in the U.S. who are authority to work in one of the above countries and are interested in these opportunities should utilize the [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply) website.

**EXXONMOBIL IS AN EQUAL OPPORTUNITY EMPLOYER**
Tenure-track Faculty Position in Stratigraphy

The Department of Geology and Environmental Geosciences at Northern Illinois University invites applications for an anticipated tenure-track position in stratigraphy at the rank of Assistant Professor to begin August 16, 2013. We seek candidates with research and teaching interests over a broad range of stratigraphic applications. Areas of specialization can include, but are not limited to, basin analysis, biostratigraphy, chemostratigraphy, and carbonate, glacial, or sequence stratigraphy. The successful candidate is expected to establish a vigorous, externally funded research program that expands the scope of our departmental expertise while complementing and integrating with our existing strengths including polar research. Teaching duties will include supervision of student research at undergraduate, M.S. and Ph.D. levels, and potential assistance in our summer field course.

Departmental facilities include a wide array of instrumentation for field and laboratory research ranging from regional to global in scope for both terrestrial and marine settings. For further information about our department, facilities, and research interests of existing faculty members, please see the departmental website www.niu.edu/geology. Applicants must submit electronically (in PDF format to apolzin@niu.edu) CV, statements of teaching and research interests, a list of three references and cover letter addressed to: Mark Fischer, Stratigraphy Search Chair, Department of Geology and Environmental Geosciences, Northern Illinois University, DeKalb, IL 60115. Preference will be given to complete applications received by November 12, 2012 but applications will be accepted until the position is filled. A Ph.D. in the geosciences or related fields is required at the time of appointment. A state-mandated pre-employment criminal background investigation of the selected applicant will be carried out. NIU is an AA/EEO Institution that values diversity in its faculty, staff, and students; we strongly encourage applications from diverse candidates including women and minorities.