Contents:
Meetings/Events & Dept. news...........................................1
Undergrad/Graduate student news.................................2
University news...........................................................3

DEPARTMENT NEWS

ADVANCE PURDUE/OVPEC FACULTY SEARCH COMMITTEE WORKSHOP

This workshop is open to all faculty and required for serving on a search committee. The session will be held on Oct. 14, from 8:15 a.m. to noon, in the Hall for Discovery and Learning Research, Room 131. A light breakfast will be served.

For those that may be on future faculty search committees, the info and registration for next round of required workshops is via the link below (needs to be completed before you can serve on a search committee): http://goo.gl/B2PamV

COLLOQUIA

Fan-Chi Lin—Special talk
University of Utah
Thursday, October 20, 2016
10:30 AM
HAMP 2201

Fan-Chi Lin—Seminar
University of Utah
Thursday, October 20, 2016
3:30 PM
HAMP 1252
Logan Dawson  
PhD Candidate  
**Tuesday, October 25, 2016**  
4:00 PM  
HAMP 2201

Allison Wang  
Lamont-Doherty Earth Observatory  
**Thursday, Oct. 27, 2016**  
3:30 PM  
HAMP 1252

---

**EAPS DEFENSES**

PhD Defense – Wendell Walters  
**October 24, 2016**  
11:00 AM  
HAMP 2201  
(Advisor: Greg Michalski)

---

**EAPS HOLIDAY SCHEDULE**

Thanksgiving: **Nov. 24 & 25, 2016**  
Christmas: **Dec. 23-26, 2016**  
Winter recess: **Dec. 27, 28, 29, 2016**  
President’s Designated Holiday: **Dec. 30, 2016**  
New Year’s holiday: **Jan. 2, 2017**

---

**EAPS FACULTY AND STAFF RESOURCE FUND**

The EAPS Faculty and Staff Resource Fund provides faculty and full-time, permanent staff with a simple, open, and transparent way to request resources they need to be productive in their work. This is not intended to replace other sources (e.g., grants, discretionary accounts, start-up, competitive programs on campus, and usual supplies and expenses), rather it is to meet occasional needs that are important for individual productivity and advancement in cases where these other sources are not available to an individual. Examples include professional development course tuition, office needs, and professional conferences.

**Procedure:**  
Applications to the fund should be sent via email (as a pdf) to the Assistant Department Head. Requests must include the following items and not exceed one page: applicants name, position title, email address a detailed, one paragraph description of what is being requested a short explanation of how this will help the individual be productive in their work amount requested (this program will accept requests between $200 and $2,000) time constraints on what is being requested (e.g., a deadline for registration)

**Request deadline is the 20th of each month.**  
Decisions will be made by the 5th of the following month. All requests will be reviewed by a group including the Assistant Department Head, the Business Manager, and at least two members of the EAPS Executive Committee.

---

**STUDENT NEWS**

**EXXONMOBIL INTERVIEWS**

Lisa Ryan and Robert Wenger, ExxonMobil Recruiters, will be on campus conducting interviews on **October 13th and 14th**.

If you are interested in an interview, please complete an online application and post a copy of your resume and transcripts at [www.exxonmobil.com/apply](http://www.exxonmobil.com/apply) at least one week prior to interviewing. See attached for further information regarding regular employment and internships. If you have previously applied and/or interviewed with ExxonMobil, attended a short course or have had an internship, they encourage you to update your online application as needed.

Lisa and Robert will also give a Geoscience Recruiting presentation at 5pm on Wednesday, **October 12** in Room 2201. Geoscience students are encouraged to attend and learn more about ExxonMobil and the O&G industry. This is not limited to applicants or interviewees.

---

[http://www.eaps.purdue.edu/](http://www.eaps.purdue.edu/)
2017 MAYMESTER 2 WEEK STUDY ABROAD IN BELIZE

Call out: Oct 21st
6:00 pm
Hampton Hall Room 2201
Contact: Prof Michalski gmichals@purdue.edu

VII EARTH SCIENCES CONVENTION
(EXHIBITION OF PRODUCTS, NEW TECHNOLOGIES AND SERVICES)

The Cuban Geological Society (SGC) is inviting scientists, professionals, technicians, and university students of Geology, Geophysics, and Mining and related Geosciences, to participate in the VII Earth Sciences Convention, to be held at the International Conference Center in Havana, Cuba on April 3-7, 2017.

For further information, please contact:
www.scg.cu; www.cubacienciasdelatierra.com
geociencias@mnhnc.inf.cu
Please see attached flier.

PUPS
PURDUE UNIVERSITY PLANETARY SCIENCE

There is a new student club called PUPS (Purdue University Planetary Science) – to provide a sense of community for students who are interested in planetary sciences, as well as, providing encouragement and information about the future of planetary science. The goal is to increase awareness of and the interdisciplinary nature of planetary sciences.

Advisor: Briony Horgan.
E-mail: briony@purdue.edu

http://www.eaps.purdue.edu/

UNIVERSITY NEWS

TRAVEL CHANGES EFFECTIVE: SATURDAY, OCTOBER 1, 2016

Changes in the travel industry have prompted some changes to the Purdue travel guidelines that will be effective for travel on or after October 1, 2016. These changes are designed to make travel and expense reporting easier for our travelers, as well as the delegates who support those travelers. Here is a list of the upcoming changes:

• E-ZPass devices in rental cars will now be a reimbursable expense.

• All air tickets that indicate "economy" or "coach" will be reimbursable, i.e. "economy plus". This includes fees for seat selection when booking economy or coach airfares.

• Early Check-In Fees – for those airlines that do not assign seats (i.e. Southwest) or those that do not assign seats until check-in (i.e. Frontier), early check-in fees will be reimbursable. NOTE: This does not include early boarding fees when seats have been assigned.

• TSA and Global Entry – Heightened security and long lines have resulted in much time wasted getting through TSA. For those travelers who fly three or more times per year, TSA Pre-check and Global Entry enrollment fees will be reimbursable.

• Cost Comparisons will be eliminated for domestic trips (inside the continental United States), and replaced with a maximum reimbursable amount. The maximum amount reimbursable will be determined annually by the Central Travel Office based on the average ticket costs reporting by the US Department of Transportation, Bureau of Transportation Statistics. For the remainder of 2016, $400 will be the maximum amount allowed when a cost comparison would have been required.

• Drive vs. Fly comparisons will also be eliminated – the maximum amount reimbursable for drive vs. fly will be $500. This is also calculated based on the average ticket costs reported by the US
Department of Transportation, Bureau of Transportation Statistics, with an additional $100 to consider mileage and parking that would have been incurred.

For more information about travel guidelines, please visit [www.purdue.edu/travel](http://www.purdue.edu/travel).

---

**Harry S. Truman Fellowship**

Sandia National Laboratories is beginning its ad campaign to attract qualified candidates for its President Harry S. Truman Fellowship in National Security Science and Engineering. The deadline for proposal submission is **November 1, 2016**. Attached is a letter that was sent from Marcey Hoover (a Purdue grad) to Dean Svensson and a flyer. The flyer contains a link to the Sandia web site which explains the Truman Fellowship in more detail. If you need additional information, please contact Yolanda Moreno (ymoreno@sandia.gov).

See attached letter/flyer.

---

**“Skills Performance” Training Opportunities Available for Staff**

Purdue University - Training offers a wide selection of extension courses for both personal and professional growth. Taught by experts in their fields, the courses provide practical, hands-on experience. And, best of all, anyone can afford them. Take a look through their online catalog for courses that interest you. Then, register for the courses you want right now using the web site below!

Please click here to sign up for upcoming classes: [https://www.eventreg.purdue.edu/training/Home.aspx](https://www.eventreg.purdue.edu/training/Home.aspx)

---

**STEM Education Conference at Purdue**

1/12/17
9:00 AM - 4:30 PM

Purdue will be hosting the 2nd Annual Indiana STEM Education Conference at Purdue on **1/12/17** from 9 to 4:30. I hope that you will consider attending this event. We had an outstanding turnout of over 650 people last year and are expecting 1,000 this year.

Proposals are due by **10/15/16**. Email to carlacjohnson@purdue.edu. You will be notified of the decision on your proposal by **11/4/16**.

Presenters will need to register for the conference at: [https://goo.gl/5KbfKP](https://goo.gl/5KbfKP)

---

**Purdue Bicycle Regulations**

It is against Purdue Regulations to bring bicycles into buildings/offices/classrooms (need to be parked in bicycle racks), and you may not ride skateboards or use in-line skates in buildings (see attached in Chapter 7.3).

---

### 7.3 Special University Regulations

a) Bicycles may be parked on campus only in bicycle racks and on bicycle pads provided specifically for this purpose. Motorcycles are not allowed in bicycle parking areas. Bicycles must be ridden on designated campus drives and bike paths. Any bicycles found in violation of these regulations may be removed and/or ticketed with a violation notice.

b) Bicycles are not permitted inside any University building, without permission from the Building Deputy. Bicycles approved for building storage must not block hallways, doorways, or other building egress. The Senior Director of Environmental Health and Public Safety, or designee will have final determination for approval of bicycles stored in buildings.

c) Use of skateboards, skateboards, and in-line skates is prohibited in any University building or on any surface where damage may occur.
**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 [http://www.eaps.purdue.edu/news/newsletters.html](http://www.eaps.purdue.edu/news/newsletters.html) and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Fallon McQuem (fmcquem@purdue.edu) by 5:00pm on Thursday 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.eaps.purdue.edu/resources/information_technology/index.htm](http://www.eaps.purdue.edu/resources/information_technology/index.htm)

Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at [http://www.EAPS.purdue.edu/events-calendar.html](http://www.EAPS.purdue.edu/events-calendar.html)
PURDUE RECEPTION at the SEG Annual Meeting

Monday, October 17
6:00 PM - 8:00 PM
Hyatt Regency, Windsor Room
300 Reunion Boulevard, Dallas
Complimentary heavy hors d'oeuvres

Co-Sponsored by:
Department of Earth, Atmospheric, and Planetary Sciences (EAPS) and Summer of Applied Geophysical Experience (SAGE)
9th Annual PURDUE RECEPTION at the AGU Fall Meeting

Thursday, December 15
7:00 PM - 9:00 PM

ThirstyBear Restaurant, Billar Room
661 Howard Street, San Francisco

Complimentary heavy hors d’oeuvres

Co-sponsored by:
Department of Earth, Atmospheric, and Planetary Sciences (EAPS)
and
Purdue Climate Change Research Center (PCCRC)
<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Affiliation</th>
<th>Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 1</td>
<td>Joel Saylor, University of Houston</td>
<td>Host: Ridgway</td>
<td>“Integrating Stable Isotopes and Basin Analysis for a Paleogene-Neogene Paleoelevation History of Southern Peru”</td>
<td>Room 1252 HAMP</td>
</tr>
<tr>
<td>Sept. 8</td>
<td>William McKinnon, Washington University in St. Louis</td>
<td>Host: Melosh</td>
<td>“Pluto Revealed! Results from NASA’s New Horizons Mission”</td>
<td>Room 1252 HAMP</td>
</tr>
<tr>
<td>Sept. 13</td>
<td>Wanchen Wu, PhD Candidate</td>
<td>Advisor: Tung</td>
<td>“The Effects of Continental Aerosols on the Eyewall of a Typhoon”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Sept. 15</td>
<td>Peter Colarco, NASA Goddard Space Flight Center</td>
<td>Host: Harshvardhan</td>
<td>“Aerosol Modeling Applications in the NASA GEOS-5 Earth System Model”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Sept. 22</td>
<td>Oliver Boyd, U.S. Geological Survey</td>
<td>Host: Gilbert/Freed</td>
<td>“Seismic Hazard and Geodesy in the New Madrid Seismic Zone”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Sept. 27</td>
<td>Sarah Bischoff, PhD Candidate</td>
<td>Advisor: Flesch</td>
<td>“Breaking Down the Impact of Strength Heterogeneity on Deformation of the India-Eurasia Collision: A Numerical Modeling Approach”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Sept. 29</td>
<td>Kevin Reed, SUNY-StonyBrook</td>
<td>Host: Chavas</td>
<td>&quot;High-resolution Global Simulations from Reduced Complexity to Future Projections”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Oct. 4</td>
<td>Wendell Walters, PhD Candidate</td>
<td>Advisor: Flesch</td>
<td>“Unraveling the “Fingerprints” of Nitrogen Oxides using Stable Isotopes: Implications for Source Partitioning and Evaluation of Atmospheric Oxidation Pathways”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Oct. 20</td>
<td>Fan-Chi Lin, University of Utah</td>
<td>Host: Nowack</td>
<td>“Imaging the Yellowstone Magmatic and Hydrothermal System Using Seismic Tomography”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Oct. 25</td>
<td>Logan Dawson, PhD Candidate</td>
<td>Advisor: Baldwin</td>
<td>“Examination of Mesoscale Feedbacks on Convective Scale Predictability During MPEX”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Oct. 27</td>
<td>Allison Wing, Lamont-Doherty Earth Observatory</td>
<td>Host: Chavas</td>
<td>“Clouds, Circulation, and Climate Sensitivity in Cloud Resolving Model Simulations of Self-Aggregation of Convection”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Nov. 1</td>
<td>Shaoqing Liu, PhD Candidate</td>
<td>Advisor: Zhuang</td>
<td>“Quantifying Terrestrial Ecosystem Carbon Dynamics with Mechanistically-based Biogeochemistry Models and In Situ and Remotely Sensed Data”</td>
<td>Room 2201/HAMP</td>
</tr>
<tr>
<td>Date</td>
<td>Speaker</td>
<td>Institution/Advisor</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>----------------------------------------------</td>
<td>--------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Nov. 3</td>
<td>Dave Finnegan, US Army Corps of Engineers</td>
<td></td>
<td>“Automated LiDAR Scanning of Tidewater Glacier; Helheim Glacier, Southeast Greenland”</td>
<td></td>
</tr>
<tr>
<td>Nov. 10</td>
<td>Jessica Larsen, University of Alaska, Fairbanks</td>
<td></td>
<td>“The 2008 Eruption of Okmok Volcano, Alaska: Geological Perspectives”</td>
<td></td>
</tr>
<tr>
<td>Nov. 15</td>
<td>Adam Stepanek, PhD Candidate</td>
<td>Advisor: Baldwin</td>
<td>“Predictions of Severe Weather Environments by the Climate Forecast System Version 2 Model Suite”</td>
<td>Tuesday, 4:00PM, Room 2201/HAMP</td>
</tr>
<tr>
<td>Nov. 17</td>
<td>Michael King, LASP</td>
<td>Host: Harshvardhan</td>
<td>“Spatial and Temporal Distribution of Tropospheric Clouds Observed by MODIS on Board the Terra and Aqua Satellites</td>
<td></td>
</tr>
<tr>
<td>Nov. 28</td>
<td>Tim Marshall, Haag Engineering</td>
<td>Host: Tanamachi</td>
<td>“El Reno Tornado and Damage Survey”</td>
<td>Monday, 3:30PM, Room 2108/HAMP</td>
</tr>
<tr>
<td>Dec. 1</td>
<td>Andy Davis, University of Chicago</td>
<td>Host: Caffee</td>
<td>“Stardust in the Laboratory with CHILI”</td>
<td></td>
</tr>
<tr>
<td>Dec. 6</td>
<td>Christy Gibson, PhD Candidate</td>
<td>Advisor: Filley</td>
<td>“ ”</td>
<td>Tuesday, 4:00PM, Room 2201/HAMP</td>
</tr>
</tbody>
</table>
Abstract: Over the last 10 years, the large-scale dense seismic network of EarthScope USArray Transportable Array has progressively been deployed with a ~70 km station spacing to cover the entire contiguous United States. More recently, geophone dense arrays with hundreds to thousands of stations have been deployed to record continuous seismic data on a much smaller spatial scale. The unprecedented amount of high quality broadband and geophone seismic data allows seismologists to image detailed earth structure on various different scales from shallow to deep. In particular, innovative seismic analyzing techniques have been developed to better utilize the array configuration and to extract new constraints on the structure of the earth that were not available before. In this presentation, I will first discuss some of the recent developments in seismic interferometry and tomography. I will explain how seismologists can now extract useful seismic signals from diffusive wavefields, such as the ambient noise wavefield and the earthquake coda wavefield. I will then demonstrate how these new developments combined with data from USArray and various geophone arrays improve our understanding of earth interior structure.

Prof. Fan-Chi Lin is an Assistant Professor in Geology and Geophysics at the University of Utah. He received his PhD at the University of Colorado Boulder and was a Director’s Postdoctoral Fellow at Caltech’s Seismological Laboratory. In 2015 Prof. Lin was awarded the Charles F. Richter Early Career Award from the Seismological Society of America for his wide range of contributions in seismology, in particular in the area of seismic interferometry using ambient seismic noise to construct tomographic images of the Earth’s crust and upper mantle. Prof. Lin and colleagues have then utilized diffuse seismic energy to image seismic waves traveling through the Earth’s core. He has worked on recent “Large N” seismic experiments using very dense seismic arrays to perform high-resolution 3D imaging of shallow crustal structure. Prof. Lin is also applying seismic tomography to image the magmatic system beneath Yellowstone.
Imaging the Yellowstone Magmatic and Hydrothermal System Using Seismic Tomography

Fan-Chi Lin
University of Utah

The Yellowstone magmatic system is one of the largest active global volcanoes and has been commonly designated as a supervolcano. The interaction between the deep magmatic system and shallow hydrologic system also makes Yellowstone the most concentrated hydrothermal area on earth. The surface manifestation of the hydrothermal activities, including geysers, fumaroles, mud pots, and thermal springs has been attracting millions of visitors per year to visit Yellowstone National Park. The recent deployment of seismic networks such as the Yellowstone seismic network and EarthScope USArray has now allowed the magmatic plumbing system to be studied in detail. In this presentation, I will review recent seismic imaging studies on the magmatic system and discuss the interaction between the deep mantle plume and crustal magmatic reservoirs. To better understand the shallow hydrothermal system, in November 2015, leading by the seismology group at University of Utah, a temporary dense geophone array was deployed around the famous Old Faithful geyser located within the Upper Geyser Basin. The array was composed of 133 three-component geophones and recorded passive seismic data continuously for two weeks. Both periodic and episodic seismic tremors likely related to the nearby hydrothermal activities were observed. I will discuss how these tremor signals and the implementation of novel seismic imaging techniques can allow us to better understand the hydrothermal system.

Thursday, October 20, 2016
3:30 p.m.
Room 1252 HAMP

Refreshments at 3:00 pm
Room 2201/ HAMP
Examination of Mesoscale Feedbacks on Convective Scale Predictability during MPEX

Logan Dawson
PhD Candidate

Two primary objectives of the Mesoscale Predictability Experiment (MPEX) were to quantify upscale feedbacks from deep convection and assess the impact of these feedbacks on numerical model simulations. Analysis of upper air soundings collected during MPEX reiterate that surface cold pools are an effect of deep convection on the mesoscale environment that may persist for extended time periods. Arguably, appropriate representation of these cold pools is necessary for accurate prediction of severe convection occurring in multiday episodes because of the potential for cold pools to persist and significantly contribute to inhibition of surface-based convection.

Experiments employing the WRF-DART data assimilation system are conducted to examine this hypothesized relationship between cold pools and subsequent mesoscale-convective predictability. Ensembles for each data assimilation experiment are initialized at 15 UTC using NCAR ensemble data assimilation system analyses. Assimilation cycling occurs from 16 UTC to 03 UTC before launching forecasts. In these experiments, conventional observations and radar reflectivity data are assimilated onto a 3 km convection-permitting domain. Moreover, suppression of convection will be attempted by assimilating radar reflectivity data that have been edited to remove convective storms. Aspects of the mesoscale environment will be verified with a focus on the supplemental MPEX observations, and characteristics of severe convection will be verified using conventional observations and radar data.
Large-scale atmospheric circulation, and its interaction with organized moist convection across many scales, sets the patterns of tropical cloud cover and relative humidity and their sensitivity to climate change. Possible changes in the amount of organized convection with warming therefore may modulate climate sensitivity. We explore changes in clouds and circulation and the degree of self-aggregation of convection in response to uniform SST change in a set of radiative-convective equilibrium simulations with the System for Atmospheric Modeling (SAM) cloud resolving model. We use a non-rotating, highly elongated three-dimensional channel domain of length >104 km, with interactive radiation and surface fluxes and fixed sea-surface temperature varying from 280–310 K. Convection self-aggregates into multiple moist and dry bands across this full range of temperatures; we describe the time and length scale of the aggregation and explain the physical mechanisms that cause it. We discuss how large-scale overturning circulations, cloud fraction, and cloud feedbacks change in response to warming, and compare these results to the responses in small-domain RCE (which does not have organized convection or large-scale circulation).
Applicants are required to fill out an online application and post a copy of their resume on www.exxonmobil.com/apply one week prior to interviewing with our campus recruiter. Copies of transcripts should also be posted 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. Download the Working at ExxonMobil app to learn more about ExxonMobil and career opportunities—available at iTunes or Google Play app stores.

The recruiter will conduct a pre-interview presentation on October 12. The time and location of the orientation will be designated by the Department.

**Candidates for Regular Employment:**

For those interested in careers in Exploration, Development and/or Production, we will be interviewing outstanding students receiving a BS, MS or a PhD in Geology or Geophysics. ExxonMobil is interested in finding outstanding candidates who have a strong fundamental background in the earth sciences, physical sciences, and mathematics. We have excellent proprietary capabilities in teaching petroleum science and technology, and therefore do not require new geoscientists to have any prior petroleum course work or experience. There is, however, a requirement for demonstrated leadership, business awareness, adaptability, teamwork, excellent communication skills in English, and a commitment to high safety and ethical standards. The company regards its global and long-term approach to hiring and career development as the foundation of its future success as a company, and as a source of great opportunity for geoscientists who want to grow their skills and capabilities for a long-term career.

For those interested in a career in Research, we will be interviewing outstanding students receiving a MS or PhD in Geology or Geophysics. Fundamental and applied research opportunities exist for applicants in three general areas:

- Hydrocarbon systems research includes, geochemistry, basin evolution, structural dynamics, petrophysics and geomechanics
- Reservoir performance prediction research includes controls on flow in clastic and carbonate reservoirs, geologic modeling and visualization
- Geophysics research includes advanced processing, acquisition, interpretation and modeling of seismic and other geophysical data

Research in all areas includes a significant component of field studies and takes advantage of state-of-the-art analytical and experimental laboratories and processing and numerical modeling capabilities.

For those interested in careers blending Geoscience and Computing, we will be interviewing graduate students receiving a MS degree in Geology or Geophysics who have an interest in computing.

**Candidates for Internships:**

ExxonMobil is dedicated to an ongoing recruiting program and our geoscience internship and recruiting short courses are the primary avenue we utilize to find qualified candidates. Internships (typically three months) and recruiting short courses are available year-round for students participating in BS, MS or PhD programs.

Internships are available throughout the year. Although we will give preference to those students graduating in 2017 or 2018, 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 permanent right to work in the United States. Under very limited circumstances, visa sponsorship may be available for applicants with an MS with significant, relevant work experience and/or a PhD in certain research or geophysical specialty disciplines.

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 have authority to work in one of the above countries and are interested in these opportunities should utilize the www.exxonmobil.com/apply website.

ExxonMobil is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.
In 2012, the University created a performance evaluation policy for staff which included a focus on capturing the professional development activities of staff throughout the year. The College of Science firmly believes that participation in professional development provides long lasting benefits to both the individual staff member and their department. As such, the College desires to support these activities.

**College of Science Professional Development Philosophy:**

- Professional development participation should be available to all full- or part-time, permanent staff—clerical, service, administrative/professional and managerial/professional.
- Professional development should focus on developing skills that will prepare staff to advance at Purdue or to perform their current duties more effectively.
- All supervisors are strongly encouraged to allow appropriate amounts of time for each staff person throughout the year to attend trainings that will help them accomplish their professional development goals. Approval for participation in such activities should be based on the business needs of each area.

**College of Science Professional Development Fund:**

In order to support staff professional development activities, the College has created a Professional Development Fund to financially assist with participation in trainings that involve fees or the purchase of training materials.

**Professional Development Fund Guidelines:**

- Professional Development funds are to be used to support College of Science staff’s participation in activities that will assist them in developing skills that will prepare staff to advance at Purdue or to perform their current duties more effectively.
- Award applications will be requested three times annually with approximately 10 awards per call. Funds requested may be used to defray costs associated with attending professional meetings or seminars, to participate in workshops, or to enroll in professional-oriented courses related to employment responsibilities. The funds must be utilized within two application cycles (Spring awards utilized by the end of Fall, etc.).
- Applications for amounts of up to $1000 will be accepted.
- Individuals are eligible for one award per calendar year.

**Application Deadlines:**

- Spring Application Call – application due by first Monday in October; decisions made by November 30
- Summer Application Call – application due by first Monday in March; decisions made by April 30
- Fall Application Call – application due by first Monday in June; decisions made by July 31