The EAPS Weekly News

EAPS MEETINGS & EVENTS

FALL FACULTY MEETING SCHEDULE
Tuesday, Sept. 22nd, Oct. 27th, and Dec. 1st
HAMP 3201
3:00-4:30 PM

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OUTSTANDING ALUMNI EVENT
September 25, 2015

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PRIMARY COMMITTEE MEETING
October 6, 2015
3:00 PM
HAMP 3201

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DEAN’S VISIT TO DEPARTMENT
April 21, 2016
1:30 - 4:00 PM

COLLOQUIA

Subashini Subramanian, PhD Candidate
"Land Surface Effects on the Post Landfall Characteristics of Tropical Cyclones"
Tuesday, Sept. 22, 2015
HAMP 2201
4:30 PM

Dr. Joseph Morris, Lawrence Livermore National Laboratory
"Hydraulic Fracture Simulation: Rising to the Challenge of Unconventional Reservoirs"
Thursday, Sept. 24, 2015
HAMP 1252
3:30 PM

EAPS NEWS

The EAPS Department has received an educational software donation from the Halliburton Corporation of the SeisSpace/ProMax software package. This is the most widely used seismic processing package in the world today used by a large number of petroleum companies, as well as by some mining companies. The software is capable of processing large seismic reflection surveys from raw field data to fully processed 3D data cubes.

Prof. Nowack will use the software in the spring of 2016 to teach an introductory class in reflection seismology in EAPS.

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UPCOMING OUTREACH ACTIVITIES

September 16 - Make a Splash Water Day at Ross Camp
October 8 - GIS day for high school at DLRC on campus.
October 10 - Oceans and Water activities for middle and high school teachers held in EAPS.
November 1 - Purdue Convocations Event: Lighting pre show.
November 7 - Purdue Homecoming Celebration held on Stadium Mall between Pharmacy and Armstrong buildings.

These are some of the activities that are already on the books. They will be adding many more throughout the semester. If you would be interested in helping with any of the activities, please contact Steven Smith (mrsmith@purdue.edu)

Did you know that EAPS K-12 Outreach is part of the College of Science’s Science Express program for Indiana teachers to borrow equipment to us for classroom instruction? Last year 251 of the 425 Indiana students who enrolled in the College of Science came from the schools in the Science Express program. Want your content in front of college bound students, you might speak with Steven about that next broader impact…

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UNDERGRADUATE NEWS

SCRAP THE SELFIE

Get a free, professional photo Tuesday, Sept. 22, 1:00-3:00 pm in the PMU South Ballroom. Photos will be uploaded within days for you to download (info provided the day of the photos). Dress: Business professional; backdrop
will be black with gold repeating Purdue Alumni Association logos. Sponsored by PASE.

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WORKFORCE RECRUITMENT PROGRAM

Are you a student or recent graduate with a disability looking for a job or internship in 2016? Apply now to the Workforce Recruitment Program (WRP). The program is for college students with disabilities helps in finding a job or internship!

WRP provides students with disabilities in all fields of study the opportunity to market their abilities to a wide variety of potential employers; sharpen their interviewing skills during a personal meeting with a WRP recruiter; and gain valuable skills, experience, and contacts on the job. Purdue students who have participated in WRP in the past have received multiple offers for full time jobs and internships.


• Register with the Disability Resource Center, Young Hall 8th floor for accommodations and support and to receive information about job/internship opportunities.
• Have your resume reviewed at the CCO, Young Hall 132 and upload it to your application.
• Attend a WRP Callout Informational Meeting: Tuesday September 22 and Wednesday September 23, 5:30 PM Young 268.

Applicants for the program must:

• have a disability, be a U.S. citizen, AND
• be enrolled at Purdue University on a substantially full-time basis (unless the severity of the disability precludes the student from taking a substantially full-time load) to seek a degree OR
• be enrolled at Purdue University as a degree-seeking student taking less than a substantially full-time load in the enrollment period immediately prior to graduation OR
• have graduated from Purdue University within the past year.

Short interviews will take place between mid-October and November 2015 by phone. Companies can access your application for various positions for one year. WRP opens you up to multiple job and internship opportunities with just one application. If you are an eligible student, contact Ali Mears alimears@purdue.edu for questions or assistance creating your account.

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INDUSTRIAL ROUND TABLE

TUESDAY, SEPT. 15TH-16TH MEMORIAL MALL

Industrial Roundtable is open to all undergraduate and graduate students from any major, including Engineering, Science, Technology, and Management. Recruiters are seeking interns, co-ops, and full-time placements. Seminars are held Monday, Sept. 14th in STEW Center; interviews, if offered, are the day after the fair.

List of employers; you can filter by major: https://careefair.purdueesc.org/ir2015/students/employer-list/

Resume help in the CCO --15 minute drop-in appts. Monday – Friday 10:00-4:00 in YOUNG Rm. 132.

Other career and career fair assistance: CCO Workshop schedule (includes Mock Career Fair, Acing an Interview).

*Rain Locations: Mackey Arena and Lambert Fieldhouse.

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COLORADO STATE UNIVERSITY

ATMOSPHERIC SCIENCE TENURE TRACK FACULTY POSITIONS

COLLEGE OF ENGINEERING

The Department of Atmospheric Science at Colorado State University invites applications for two tenure-track faculty positions at the assistant or associate professor level. We solicit candidates in the research areas of (1) clouds and mesoscale processes, and (2) surface-atmosphere interactions – with expertise in land-atmosphere coupling preferred.

The new faculty members will be expected to build and maintain a strong, internationally recognized research program supported through external funding, complement and expand upon the department’s current research and teaching activities, and provide service to the University and broader community. They will also contribute to teaching and intellectual leadership in our atmospheric science curriculum at the M.S. and Ph.D. levels by teaching courses in the Department's core graduate curriculum, advising graduate students, and developing advanced courses in his or her areas of expertise. Further information about the Department can be found at http://www.atmos.colostate.edu.

A Ph.D. in atmospheric science or a closely related field is required by the position start date. Candidates should have an outstanding research record commensurate with experience and should demonstrate potential for continued extraordinary scholarship. Candidates must exhibit ability and enthusiasm to teach courses in the department’s graduate curriculum.

Applications and nominations will be considered until the positions are filled; however, applications should be received by October 31, 2015 to ensure full consideration. Application materials of semifinalist candidates, including letters of recommendation, will be made available for review by the faculty of the Department of Atmospheric Science. Applicants should submit a cover letter, one to two page statements on research and teaching interests, curriculum...
vitae, and the names of four references (who will not be contacted without prior approval of the candidate) at the following link: http://jobs.colostate.edu/postings/17728.

Please address inquiries about the position to:
Professor Eric D. Maloney, Search Chair
Department of Atmospheric Science
Colorado State University
Fort Collins, CO
80523-1371
emaloney@atmos.colostate.edu

Located 60 miles north of Denver, at the base of the Rocky Mountain foothills, Fort Collins is often ranked among the top places to live in the United States. The City offers a pleasant climate with excellent schools and abundant cultural and recreational opportunities nearby. More information on Fort Collins is available at www.visitftcollins.com.

GRADUATE NEWS

OIL COMPANY VISITS

EXXONMOBIL
September 17th-18th

Lisa Ryan, Recruiter for ExxonMobil, will be on campus September 17th and 18th to interview students who are interested in careers in Exploration, Development and/or Production. They will be interviewing outstanding students receiving a BS, MS or a PhD in Geology or Geophysics. Please see flier for additional details.

Applicants are required to fill out an online application and post a copy of their resume and 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, Lisa will also present an overview on Wednesday, September 16th at 5:00pm in Room 2201/HAMP. All interested faculty, graduates and senior level undergraduates are invited to attend.

CHEVRON
September 22nd-23rd

Michele Gutenkunst, Recruiter for Chevron, will be on campus September 22nd and 23rd for interviews.

If interested in obtaining an interview slot, please send your resume, transcripts (both undergraduate and graduate), and a cover letter to Michele Gutenkunst (mgutenkunst@chevron.com) by September 14th.

Invitations for an interview will be sent via e-mail on September 18th. More information to follow at a later time.

In addition, Michele will give an information session at 6:00pm in Room 2201/HAMP on September 22nd. Anyone interested is invited to attend.

Please see attached flier and Kathy Kincade in Room 2169D to sign up for an interview time slot.

Purdue UNIVERSITY | Big Ten+ Graduate School Exposition

Registration is open for the Big Ten+ Graduate School Expo to be held on October 4th and 5th, 2015.

This two day mini-conference is especially designed for students interested in graduate education in:

- Science
- Technology
- Engineering
- Mathematics
- Other science-related disciplines.

Students will:

- Get an inside look at graduate school and the application process
- Receive advice about funding opportunities
- Network with representatives from more than 75 of the nation’s top graduate institutions, including Baylor, Cal Poly, Cornell, Duke, Illinois, Indiana, Michigan, Notre Dame, Princeton, Purdue, and Vanderbilt. Visit the Attending Institutions website for a complete list.
- Attend a premier graduate school fair

Also, they have invited several business schools, law schools and medical schools whose programs are on the fringes of the STEM disciplines! They have registered recruiters from:

- Indiana – Mauer School of Law
- Massachusetts Institute of Technology – Leaders for Global Operations
- Northwestern University – School of Law
- Purdue University – Krannert School of Management
- University of Arizona – Eller College of Management
- University of Illinois – College of Business
- University of Maryland – Robert H. Smith School of Business
- University of Michigan – Ross School of Business

Purdue students have two options for registering.

Participate in all Grad School Expo activities, and pay the regular registration fee of $35. Or, attend only the Graduate School Fair for free. A Purdue ID is required for this option. For more information, visit the special Purdue student registration site. All students, including women and members of underrepresented groups, are encouraged to attend.
OTHER NEWS

COLLEGE OF SCIENCE STAFF PROFESSIONAL DEVELOPMENT INFORMATION

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.

The spring application deadline is the first Monday in October; decisions made by November 30th.

Please see attached for more detailed information and the application.

PRESIDENT'S COLLOQUIA

President Mitchell E. Daniels, Jr., is pleased to invite you and a guest to join him at Westwood for the President's Colloquia. The colloquia are scheduled 4-6 p.m. during the 2015-16 academic year.

Thursday, Sept. 17, 2015
"The Power of Calcium"
Connie Weaver, Head and Distinguished Professor, Department of Nutrition Science
George McCabe, Professor, Department of Statistics

Drs. Weaver and McCabe discuss some of the major issues related to calcium nutrition and several specific examples where an interdisciplinary approach combining nutrition and statistics has been particularly effective.

Monday, Nov. 2, 2015
"Forgetting and Remembering the American Civil War"
Caroline Janney, Assistant Head and Professor, Department of History

Dr. Janney explores the ways Americans — Unionists and Confederates, men and women, black and white — viewed the struggle in 1865 and how this understanding changed in the war's aftermath.

Click here to register or find out more information.

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Click here to register or find out more information.

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/ and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Fallon (fmcquern@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.purdue.edu/eas/info_tech/index.php.
Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at http://calendar.science.purdue.edu/eas/seminars.
Sept. 22  Subashini Subramanian, PhD Candidate
“Land Surface Effects on the Post Landfall Characteristics of
Tropical Cyclones”

TUESDAY, 4:30PM, ROOM 2201/HAMP

Sept. 24  Dr. Joseph Morris, Lawrence Livermore National Laboratory
“Hydraulic Fracture Simulation: Rising to the Challenge of
Unconventional Reservoirs”

EAPS Energy Colloquium

Oct. 2  Haylee Dickinson, PhD Candidate
“Inferred Rheology and Petrology of the Southern California and
Northwest Mexico Mantle from Postseismic Deformation Following the
2010 El Mayor-Cucapah Earthquake”

TUESDAY, 4:00PM, ROOM 2201/HAMP

Oct. 27  Anthony Ingrafea, Cornell University
Title: TBA

EAPS Energy Colloquium
Tuesday, 7:00PM, Room 112/PHYS

Oct. 29  Prof. Jerry DeGraff, AEG-Jahns Lecturer,
“Effective Monitoring for Environmental and Engineering Geology
Projects, Case Histories in Mining, Groundwater Contamination and
Hot Springs Migration”

Nov.  5  Prof. Kim Novick, Indiana University
“Mechanisms Limiting Forest Carbon Uptake and Water Use
During Drought”

Nov. 10 Kimberly Hoogewind, PhD Candidate
Title: TBA

TUESDAY, 4:00PM, ROOM 2201/HAMP
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<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Institution/Jurisdiction</th>
<th>Title</th>
<th>Host</th>
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<tbody>
<tr>
<td>Nov. 12</td>
<td>Dr. Dave Finnegan, US Army Corps</td>
<td>US Army Corps of Engineers</td>
<td>“Automated LiDAR Scanning of a Tidewater Glacier: Helheim Glacier, Southeast Greenland”</td>
<td>Elliott</td>
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<td>Nov. 19</td>
<td>Prof. Susan Brantley, Pennsylvania State University</td>
<td>Pennsylvania State University</td>
<td>TBA</td>
<td>Melosh</td>
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<td>Dec. 3</td>
<td>Prof. Paul Staten, Indiana University</td>
<td>Indiana University</td>
<td>“Metrics, Mechanisms, and Magnitudes of Tropical Widening in a Warming Climate”</td>
<td>Wu</td>
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This talk builds on the premise that improved representation of antecedent land surface (LS) conditions will improve the simulation of landfalling tropical cyclones (TCs). Simulations were conducted using Hurricane Weather Research and Forecasting (HWRF) for select tropical cyclones to assess the impact of integrating an advanced land physics scheme. SLAB surface land model (LSM), has long been the operational land surface physics in HWRF and was replaced recently with NOAH LSM for the 2015 hurricane season. A thorough analysis of HWRF’s performance will include comparison of track, intensity, precipitation patterns, surface flux analysis and the evolution of the structure of the storm post landfall. Effect of LS characteristics on post landfall TC evolution was also studied. The lack of enough latent heat transfer into the hurricane boundary layer has always been cited as the cause of TC decay after landfall. In this study, the role of LS characteristics and specifically the role of land surface temperature (LST) and sensible heat flux transfer the evolution of a TC post landfall were examined. Idealized version of HWRF model was used to assess and analyzed the impact of LS characteristics and results suggest that higher LST can sustain or re-intensify a storm over land and mechanisms controlling intensity evolution through enthalpy flux analysis is also studied. A factor separation analysis involving LST, soil moisture content, and LS roughness was conducted to highlight the inherent interaction between these LS variables and their non-linearity.
Abstract: Unconventional oil and gas resources have restored the U.S. to a leadership role in hydrocarbon production. However, the challenges associated with producing hydrocarbons from source rock are fundamentally different, necessitating new approaches to reservoir stimulation and the associated modeling tools. Current engineering tools for hydraulic fracture design in unconventionals make many limiting assumptions, making optimization of operations difficult or impossible. Our approach has been to develop a versatile simulation platform (GEOS), based upon fundamental physical mechanisms, allowing us to study the physics of hydraulic fracturing. The GEOS software is extensible and flexible enough to run on everything from laptops to the fastest supercomputers. I will present our collaborations with industry around GEOS including the behavior of hydraulic fractures very close to the well up to full fieldscale simulation. These studies have revealed details of hydraulic fracture behavior that cannot be investigated with more limited simulators. In addition, I will present our more recent work with GEOS investigating wellbore leakage and geothermal applications. Finally, I will discuss our roadmap for ongoing software development that includes additional chemical and dynamic processes that will extend the GEOS application space even farther.

Dr. Joseph P. Morris leads the Computational Geosciences Group at Lawrence Livermore National Laboratory (LLNL). His group develops numerical models for the behavior of rock for defense and energy applications, including hydraulic fracturing. Dr. Morris has led and contributed technically to projects related to energy and defense applications of geomechanics including hard target defeat, optimization of shaped charge performance for wellbore completions, petroleum production, kill vehicle intercept simulation, blast mitigation and CO2 sequestration. Dr. Morris spent 5 years with Schlumberger Research where he helped develop fracturing technologies with reduced water requirements. In 2015, Dr. Morris served as an expert contributing recommendations to the State of California for monitoring the impacts of hydraulic fracturing upon groundwater quality.
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.
Full Time Job Description – Earth Science
Geologists / Geophysicists

Chevron Corporation is one of the world’s leading integrated energy companies with subsidiaries that conduct business across the globe. The company’s success is driven by the ingenuity and commitment of approximately 62,000 employees who operate across the energy spectrum. Chevron explores for, produces and transports crude oil and natural gas; refines, markets and distributes transportation fuels and other energy products and services; manufactures and sells petrochemical products; generates power and produces geothermal energy; and develops and commercializes the energy resources of the future, including biofuels and other renewables. Chevron is based in San Ramon, California.

Chevron is accepting online applications for the position of entry-level Geologists and Geophysicists located in:
- Bakersfield, California
- Covington, Louisiana
- Houston, Texas
- Midland, Texas
- Moon Township, Pennsylvania

Geologists and Geophysicists within Chevron are part of multi-disciplinary teams which vary in make-up but can include reservoir engineering, production engineering, simulation engineering, facility engineering and well engineering operations functions. These positions will provide technical geological or geophysical support and risk assessment for prospect generation, reserves recovery and major capital projects.

For most recent graduates, Chevron has a competency-based employee development program that includes two to three technical assignments in the first 5 years of your career supported by strong technical mentoring and comprehensive technical training. Mobility is encouraged as there are many opportunities for Chevron geologists and geophysicists to work in a variety of assignments at different locations, both domestic and international.

Responsibilities for this position may include but are not limited to:

Geologic Skills: Successful geology candidates must be familiar with development geology work processes and have the ability to integrate seismic, well, and production data to evaluate reservoirs. Reservoir Management skills such as reservoir mapping, modeling and characterization must be demonstrated. The successful candidate also needs to be adept at volumetric, reserve and risk assessments. Formation evaluation and planning for and managing reservoir surveillance programs or new well, sidetrack and work over planning could also be expected job functions.

Geophysical Skills: Successful geophysical candidates must be familiar with geophysical tools (velocity, amplitudes, AVO modeling, rock physics, seismic processing, etc.) to assist earth scientists and engineers in prospect generation and reserves recovery. The candidate must keep abreast of new and emerging technologies, maintain close ties with geophysical vendors and intra-company technology networks and leverage when appropriate.

Required Qualifications:
- Students completing the last year of the requirements for their Masters or Doctorate program in geology, geophysics, geological engineering or related fields or individuals with a Masters or Doctorate degree in geology, geophysics, geological engineering or related fields with less than 2 years of directly related work experience.
- GPA – 3.0 or above
- Strong academic performance in core programs, communication, leadership, teamwork and problem-solving skills.
- Position may require driving on a routine basis.

Preferred Qualifications:
- Masters or Doctorate students with specialties in the fields of geophysics, seismic data acquisition and processing, seismic velocity modeling, reservoir properties from seismic, carbonate and clastic stratigraphy and petrography, structural geology, field mapping, depositional systems, petrophysics and well log technologies, geochemistry, and basin, geostatistical and fluid flow modeling. These skill sets are needed for our Chevron Energy Technology Company.

Relocation Options:
Relocation may be considered within Chevron parameters.

Additional Application Instructions:
Please submit your resume and unofficial transcript(s) for review.

Chevron is an Equal Opportunity / Affirmative Action 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.

Chevron regrets that it is unable to sponsor employment visas or consider individuals on time-limited visa status for this position.

This position may involve ETC technologies that are subject to U.S. export controls and trade sanctions. These export control laws apply to individuals who are (a) not U.S. citizens, permanent resident aliens, temporary resident aliens, applicants for temporary resident status, refugees, or asylees; and who are also (b) current citizens or permanent residents of a country that is subject to comprehensive trade sanctions under U.S. export control law. http://www.treasury.gov/resource-center/sanctions/Pages/default.aspx. As such, we regret that we would be unable to provide a meaningful internship experience at ETC for you because under government regulations, ETC would not be able to allow access to such technologies absent an authorization from the U.S. government. For this reason, ETC is not considering applicants who are current citizens and/or permanent residents of countries subject to comprehensive U.S. trade sanctions.
Intern Job Description – Earth Science
Geologist / Geophysicist Intern

Chevron Corporation is one of the world’s leading integrated energy companies with subsidiaries that conduct business across the globe. The company’s success is driven by the ingenuity and commitment of approximately 60,000 employees who operate across the energy spectrum. Chevron explores for, produces and transports crude oil and natural gas; refines, markets and distributes transportation fuels and other energy products and services; manufactures and sells petrochemical products; generates power and produces geothermal energy; and develops and commercializes the energy resources of the future, including biofuels and other renewables. Chevron is based in San Ramon, California.

Chevron is accepting online applications for the position of Geologist and Geophysicist Interns located in:
- Bakersfield, California
- Covington, Louisiana
- Houston, Texas
- Midland, Texas
- Moon Township, Pennsylvania

Geologists and Geophysicists within Chevron are part of multi-disciplinary teams which vary in make-up but can include reservoir engineering, production engineering, simulation engineering, facility engineering and well engineering operations functions. These positions will provide technical geological or geophysical support and risk assessment for prospect generation, reserves recovery and major capital projects. Mobility is encouraged as there are many opportunities for Chevron geologists and geophysicists to work in a variety of assignments at different locations, both domestic and international.

Responsibilities for this position may include but are not limited to:

**Geologic Skills:** Successful geology candidates must be familiar with development geology work processes and have the ability to integrate seismic, well, and production data to evaluate reservoirs. Reservoir Management skills such as reservoir mapping, modeling and characterization must be demonstrated. The successful candidate also needs to be adept at volumetric, reserve and risk assessments. Formation evaluation and planning for and managing reservoir surveillance programs or new well, sidetrack and work over planning could also be expected job functions. Position may require driving on a routine basis.

**Geophysical Skills:** Successful geophysical candidates must be familiar with geophysical tools (velocity, amplitudes, AVO modeling, rock physics, seismic processing, etc.) to assist earth scientists and engineers in prospect generation and reserves recovery. The candidate must keep abreast of new and emerging technologies, maintain close ties with geophysical vendors and intra-company technology networks and leverage when appropriate.

**Required Qualifications:**
- Students pursuing their Masters or Doctorate degree in geology, geophysics, geological engineering or related fields.
- Strong academic performance in core programs, communication, leadership, teamwork and problem-solving skills.
- GPA – 3.0 or above

**Preferred Qualifications:**
- Masters or Doctorate students with specialties in the fields of geophysics, seismic data acquisition and processing, seismic velocity modeling, reservoir properties from seismic, carbonate and clastic stratigraphy and petrography, structural geology, field mapping, depositional systems, petrophysics and well log technologies, geochemistry, and basin, geostatistical and fluid flow modeling.

**Relocation Options:**
Relocation may be considered within Chevron parameters.

**Additional Application Instructions:**
Please submit your resume and unofficial transcript(s) for review.

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Chevron Earth Science Campus Recruiting – Purdue University

Information Session – September 22th, 2015 @ 6:00 pm in Rm 2201/HAMP

Interviews – September 22nd and 23rd

If interested in obtaining an interview slot, please send your resume, transcripts (both undergraduate and graduate), and a cover letter to Michele Gutenkunst (mgutenkunst@chevron.com) by September 14th. Invitations for an interview will be sent via email on September 18th. Please refer to the job descriptions or http://careers.chevron.com for more information and qualifications.
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
College of Science  
*Staff Professional Development Fund Application*

Name: ________________________________________________  
Position: ________________________________________________  
Department: ________________________________________________  
Phone: _________________ E-mail: _____________________________

1. Describe the professional development activity for which funds are requested. Please be specific in how you plan to use the funds requested.

2. What is the amount of funding being requested for this activity?

3. Indicate how participation in this proposed activity will contribute to your professional development. Please attach additional pages if necessary.

_________________________  ______________________________
Applicant’s Signature      Supervisor’s Signature

__________________________________  
Department Head’s Signature
“Back-to-School Bus Tour: Ready for Success”

The sixth annual “Back-to-School Bus Tour: Ready for Success” tour will “celebrate how states and local communities are working to increase access and opportunity from early learning through college.”

“This is an excellent opportunity for the Purdue community to discuss the challenges in higher education,” Purdue President Mitch Daniels said. “Our audience can look forward to talking with Secretary Duncan about accessibility, affordability, quality, academic research and whether it’s addressing the world’s greatest challenges, and the entire range of debate now centered on higher education.”

Arne Duncan, the ninth U.S. education secretary, has served in his post since January 2009, following his nomination by President Obama. He helped secure congressional support for the American Recovery and Reinvestment Act’s $100 billion to fund 325,000 teaching jobs, increases in Pell grants, reform efforts such as Race to the Top and Investing in Innovation, and intervention in low-performing schools. The Race to the Top program offers incentives, guidance and flexibility to support education reforms in states. Before becoming education secretary, Duncan served as chief executive officer for the Chicago Public Schools from June 2001 through December 2008. From 1992-98, Duncan ran the nonprofit education foundation Ariel Education Initiative, which helped fund a college education for a class of inner-city children under the I Have A Dream program.