UPCOMING EAPS MEETINGS

EAPS STAFF MEETINGS

Thursday, Nov. 20th
9:00-10:00 a.m.
HAMP 2201

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EAPS RECEPTIONS AT CONFERENCES

GSA (Vancouver)
Monday, Oct. 20, 2014, 7:00 - 9:00 p.m.
Vancouver Hyatt Regency-Cypress Room

SEG (DENVER)
Monday, Oct. 27, 2014, 6:00 - 8:00 p.m.
Denver Hilton Garden Inn-Element Ballroom

AGU (SAN FRANCISCO)
Wednesday, Dec. 17, 2014, 7:00 - 9:00 p.m.
Thirsty Bear-Billar Room

AMS (PHOENIX)
Tuesday, Jan. 6, 2014, 6:30 - 8:30 p.m.
TBA

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FALL FACULTY MEETING SCHEDULE

Tuesday, Nov. 18th
3:00-4:30 p.m.
HAMP 3201

SPRING FACULTY MEETING SCHEDULE

Tuesday, Jan. 27th, Feb. 10th (Dean’s Visit to Dept), Mar. 24th, and Apr. 14th, 2015
3:00-4:30 p.m.
HAMP 3201

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EXTERNAL REVIEW
Nov. 3rd & 4th
Detailed schedule was placed in faculty mailboxes.

EAPS COLLOQUIA

ANALYZING DECISION-RELEVANT UNCERTAINTIES IN LARGE CLIMATE ENSEMBLE EXPERIMENTS
Ryan Sriver
University of Illinois-Champaign/Urbana
Thursday, Oct. 16, 2014 at 3:30 p.m.
HAMP 1252

TOWARDS A PARADIGM SHIFT IN THE MODELING OF SOIL ORGANIC CARBON DECOMPOSITION FOR EARTH SYSTEM MODELS
Yujie He
PhD Candidate
Tuesday, Oct. 21, 2014 at 4:00 p.m.
HAMP 2201

(Please see attached fall 2014 EAPS Colloquia)

EAPS NEWS

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.

**EAPS OMBUDSMAN**

What is an Ombudsman? The ombudsmen are an informal, neutral, confidential resource for people in the department, especially students, to raise questions or concerns about any aspect of their academic experience. The EAPS ombudsman is Barbara Gibson (HAMP 2169B; barbara@purdue.edu) - please feel free to contact her if needed.

**UNDERGRADUATE AND GRADUATE STUDENT INFORMATION**

**FINDING SOURCES FOR YOUR RESEARCH**

October 15, 2014, 12:00 – 1:00 p.m. HEAV 220
The information is out there— but if you’re just not sure how to get it, the English Writing lab can help. Improve your Internet savvy with an interactive tour of the tips, tricks, and tools for academic research. Advance reservations are required, so call (765) 494-3723 or stop by the Writing Lab (HEAV Rm. 220) to sign up.

**WORKSHOPS FOR NATIONAL DISABILITY AWARENESS MONTH**

**Wednesday, October 22, 2014.**
Best practices for the interview process.
3:15-4:00 p.m.; Pierce Hall, Room 277
**Co-Presented with Center for Career Opportunities**
**Disclose or Not to Disclose Disability During the Employment Process**

**Thursday, October 23, 2014**
2:30-3:30 p.m.; Lawson, Room B151
One Purdue Alumnus’ Perspective on the Employment Process
**Co-Presented with Center for Career Opportunities**

**Wednesday, October 29, 2014**
2:30-4:00 p.m.; HAMP, Room 2117.
Brian Petraits, Senior Manager of Industries at Bosma Enterprises, will share his employment experiences as an individual with a disability.

**2015 ELIE WIESEL PRIZE IN ETHICS ESSAY CONTEST**

Since 1989 the Elie Wiesel Foundation for Humanity has sponsored the Prize in Ethics Essay Contest. This annual competition - now in its 26th year-- challenges college students, full time juniors and seniors, to analyze the urgent ethical issues confronting them in today's complex world. Students are encouraged to write thought-provoking personal essays that raise questions, single out issues and are rational arguments for ethical action.

**2015 Essay Topic:**
Articulate with clarity an ethical issue that you have encountered and analyze what it has taught you about ethics and yourself. Please note: *This topic is only a suggestion. Students may write about any topic they wish, as long as it explores the theme of ethics*

**Deadline: Online by December 8th, 2014, 5 PM PST**

**Awards:**
First Prize - $ 5,000
Second Prize - $ 2,500
Third Prize - $ 1,500
Two Honorable Mentions - $ 500 Each

Winning students are eligible for an internship, and a chance for their essay to be published in a nationally recognized publication.

**Eligibility:**
Registered undergraduate full-time Juniors and Seniors at accredited four-year colleges and universities in the United States during the Fall 2014 semester.

**Enrollment Verification:**
The Foundation requires an official letter from your Registrar on your institution’s letterhead, or from the National Student Clearing House verifying your enrollment as a full-time undergraduate Junior or Senior in the Fall of 2014. Please obtain this and upload as a PDF as part of your online submission.

**Studying Abroad:**
Students who are studying abroad in the Fall 2014 semester, but are considered enrolled full-time in an accredited college or university in the United States are eligible to apply. Please check with your Registrar and obtain the appropriate documentation to verify your enrollment.

**Submission:**
All submissions to the essay contest are judged anonymously. A distinguished committee reviews the essays and a jury, headed by Elie Wiesel, chooses the winners. Please note that no manuscripts will be returned and essays may not be submitted elsewhere until the awards have been announced. Winning essays become the property of The Elie Wiesel Foundation and may not be reproduced elsewhere without written permission.

**CONTEST DEADLINE: DECEMBER 8, 2014 by 5:00pm**
Please enter online at www.ethicsprize.org. No paper or hard-copy submissions will be accepted. Essays will be uploaded as a PDF (.pdf). Please note that due to the volume of entries, no materials will be critiqued or returned.
The Elie Wiesel Foundation for Humanity reserves the right to publish the winning essays, in whole or in part. These essays may not be published elsewhere without written permission from the Foundation. Please note that due to the volume of entries, no materials will be critiqued or returned.

The Elie Wiesel Foundation for Humanity
555 Madison Avenue – 20th floor, New York, NY 10022
Telephone: 212-490-7788
www.eliewieselfoundation.org
Entry form and detailed guidelines are available online at: http://www.eliewieselfoundation.org/entryform.aspx

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UNDERGRADUATE STUDENT CONFERENCE SUPPORT REQUESTS

The Department of Earth, Atmospheric, & Planetary Sciences (EAPS) provides the opportunity for support to undergraduate students to present their research at professional conferences. To be considered for departmental support, you must be an enrolled EAPS undergraduate student in good academic standing and be presenting a talk or poster at a conference. You must also agree to the following:

• Volunteer at the EAPS recruiting booth or alumni events while attending the conference for a minimum of 4 hours (though more may be requested from you depending on the conference). You will also be required to attend a brief orientation related to protocols while assisting with these events.
• Attend EAPS special events, including EAPS Outstanding Alumni Reception, Alumni Advisory Board Student Networking Sessions, EAPS Awards Banquet, etc.

These requests are not automatically awarded. Rather, they are based on merit, though financial need will also be considered. The maximum yearly amount of departmental support is $400 per undergraduate student (each fiscal year). The applications forms are outside the EAPS business offices, and need to be returned to Kathy Kincade in HAMP 2169D no later than one month before the start of the conference you plan to attend. Requests after the fact or after that timeframe will not be accepted.

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GRADUATE STUDENT CONFERENCE SUPPORT REQUESTS

The Department of Earth, Atmospheric, & Planetary Sciences (EAPS) provides the opportunity for support to graduate students to present their research at professional conferences. To be considered for departmental support, you must be an enrolled EAPS graduate student in good academic standing and be presenting a talk or poster at a conference. You must also agree to the following:

• Volunteer at the EAPS recruiting booth or alumni events while attending the conference for a minimum of 4 hours (though more may be requested from you depending on the conference). You will also be required to attend a brief orientation related to protocols while assisting with these events.
• Attend EAPS special events, including EAPS Outstanding Alumni Reception, Alumni Advisory Board Student Networking Sessions, EAPS Awards Banquet, etc.

As a Summer Intern, you will work one-on-one with a scientist at the LPI or at the NASA Johnson Space Center on a research project of current interest in lunar and planetary science. Furthermore, you will participate in peer-reviewed research, learn from top-notch planetary scientists, and preview various careers in science.

The 10-week program begins June 1, 2015, and ends on August 7, 2015. Selected students will receive a $5660.00 stipend; in addition, U.S. students will receive a $1000.00 travel stipend, and foreign nationals will receive a $1500.00 foreign travel reimbursement.

Applications are only accepted via the electronic application form found at the LPI’s Summer Intern Program website:
http://www.lpi.usra.edu/lpiintern

Faculty members: Please pass this information on to any of your students who might be interested.

Contact:
Claudia Quintana
Phone: 281-486-2159
E-mail: internprogram@lpi.usra.edu
NEW DEPARTMENTAL REGULATION
As you may be aware, the Graduate School has a new policy change with regards to plagiarism that began on September 1, 2014. All students (and their Major Professors) must sign a statement on Graduate School Form 32 certifying that their thesis/dissertation is free of plagiarism and all materials appearing have been properly quoted and attributed. Towards that end, your thesis/dissertation must now go through an iThenticate review. Therefore, the department has established a new departmental regulation with regards to this new policy. The new regulation states:
“A PDF of your final thesis/dissertation must be turned into the Graduate Committee or Major Professor a minimum of two weeks prior to thesis/dissertation deposit to conduct an iThenticate check. Failure to meet this deadline may affect submission of your thesis/dissertation which may, in turn, delay your graduation date.”

TRAVEL GRANTS
The Gerald A. Soffen Memorial Fund is pleased to announce the last 2014 Travel Grant application opportunity for undergraduate and graduate students pursuing studies in fields of space science and engineering.

The Travel Grants, in the amount of $500, enable student recipients to attend professional meetings to present their research. The Fall 2014 Travel Grant application deadline is October 15, 2014. Jerry Soffen, a biologist by training, led a distinguished career in NASA, including serving as the Project Scientist for Viking and as an architect for the NASA Astrobiology Institute. The Travel Grant continues Jerry’s dedication to educating and involving future generations in space science and engineering pursuits. The electronic application materials and instructions are located on the Soffen Fund website: http://SoffenFund.org

Questions regarding the application or application process may be sent to: info@SoffenFund.org

DUKE ENERGY ACADEMY AT PURDUE: JOB OPPORTUNITIES FOR STUDENTS
This position offers 5-10 hours with flexibility up to 20 hours/week at $7.25 - $10.00 per hour.
Successful applicants will work closely with and assist energy center staff in various tasks related to the Duke Energy Academy at Purdue: marketing program, industry engagement and funding opportunities, developing and administering assessment and program, developing contents for energy resources and hands-on activities.
Two (2) positions are currently open to enrolled Purdue undergraduate (juniors or seniors)/graduate students with science or technology or engineering or education or management background. Preference will be given to applicants who will be available throughout the summer of 2015.
To learn more about the program, please visit our website at (http://www.purdue.edu/discoverypark/energy/energyacademy/about.php)

To apply for the positions, please click at the following link https://purdue.qualtrics.com/SE/?SID=SV_e96MwRRDJ7O Quih
Screening/interviews will begin by October 13. For questions, please send an email: energyacademy@purdue.edu

ININDA UNIVERSITY OF PENNSYLVANIA ASSISTANT PROFESSOR POSITION
Sedimentary Geology: The Department of Geoscience at Indiana University of Pennsylvania invites applications for a full-time tenure-track appointment at the Assistant Professor level beginning August 2015. Only online applications will be accepted. To view the full description and apply for this position, please visit www.iup.edu/employment  IUP is an equal opportunity employer M/F/H/V. IUP is a member of the Pennsylvania State System of Higher Education.

Jon Lewis, PhD, Associate Professor of Geoscience, Indiana University of Pennsylvania, 114 Walsh, Indiana, PA 15705 USA ph: 724-357-5624; fax: 724-357-6208; Fall 2014 office hours TR 11:00-12:00, WF 9:30-11:00, by appt. http://www.iup.edu/page.aspx?id=10991

GRADUATE STUDENTS-CHILD WELLNESS DAY
Tippecanoe County Health Department
October 24, 2014
10:00 a.m.-4:00 p.m.
To register online, please click here: https://www2.itap.purdue.edu/bs/worklife/
See attached flyer for more information.

CAMPUS NEWS
NOVEMBER HIGH-PERFORMANCE COMPUTING MINI COURSE WILL FOCUS ON MPI
Purdue will host a no-fee workshop on high-performance computing with MPI Nov. 5-6. The mini course is for students, staff and faculty looking to gain skills in parallel computation to leverage the power of cutting-edge computational resources, such as Purdue’s community clusters.
The mini course, which includes hands-on lab sessions, is designed as an introduction to MPI programming. Participants should gain a working knowledge of how to write codes using MPI, the standard programming tool of scalable parallel computing. The National Science Foundation and ITaP are sponsoring the event. More information: https://www.rcac.purdue.edu/news/697
Questions: rcac-help@purdue.edu
OTHER NEWS

ASSISTANT OR ASSOCIATE PROFESSOR POSITION DEPARTMENT OF GEOLOGICAL AND ENVIRONMENTAL SCIENCES, COLLEGE OF NATURAL SCIENCES (California State University, Chico)

The Department of Geological and Environmental Sciences is searching for a tenure track Assistant or Associate Professor to start August, 2015. The position is contingent on funding.

They seek an enthusiastic Petrologist or Economic Geologist to contribute to the hard-rock foundation in their B.S. Geology and M.S. Geoscience programs. This tenure-track position carries responsibilities in the areas of teaching General Education, Igneous and Metamorphic Petrology, Optical Mineralogy, Economic Geology, and general geology; advising research students; and maintaining professional development.

Teaching assignments are based upon qualifications and interests of the individual and the needs of the department.

Review of applications will begin on November 14, 2014 and continue until the position is filled.

For more information on how to apply, please see attachment.

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BIRTHDAYS

Dev Niyogi Oct. 18th

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/eaps/ and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Fallon Seldomridge (fseldomridge@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.
Department of Earth, Atmospheric, and Planetary Sciences
Colloquia – Fall 2014
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

Sept.  4  When Engineering Geology Meets Geotechnical Engineering
        Gary Luce, Knight Piesold & Co., AEG President  Host: West

Sept.  9  The Impact of Climate Change and Agricultural Activities on Water
        Cycling in Northern Eurasia
        Yaling Liu, PhD Candidate  Advisor: Zhuang
        **Tuesday, 4:00PM, Room 2201/HAMP**

Sept.  11 The DOE Accelerated Climate Modeling for Energy Project
        Dr. Robert Jacob, Argonne National Laboratory  Host: Harshvardhan

Sept.  18 The Origins of Volatile-rich Solids and Organics in the Outer Solar Nebula
        Prof. Fred Ciesla, University of Chicago  Host: Minton

Sept.  25 Long-term Morphological Changes in Mature Supercell Thunderstorms
        Following Merger with Nascent Supercells
        Prof. Ryan Hastings, Purdue University

Sept.  30 Making Weather and Climate Data More Usable for Agriculture Across
        the U.S. Corn Belt
        Olivia Kellner, PhD Candidate  Advisor: Niyogi
        **Tuesday, 4:00PM, Room 2201/HAMP**

Oct.   2  New Perspectives on Tidewater Glacier Mass Change
        Dr. Tim Bartholomaus, University of Texas-Austin  Host: Elliott

Oct.   9  Sulfur Cycling on Mars from a Perspective of Sulfur-Rich Terrestrial Analogs
        Prof. Anna Szynkiewicz, University of Tennessee  Host: Horgan

Oct.  16 Climate Impacts and Extremes in Large Earth System Model Ensembles
        Prof. Ryan Sriver, University of Illinois-Champaign/Urbana  Host: Wu

Oct.  21 Towards a Paradigm Shift in the Modeling of Soil Carbon Decomposition
        for Earth System Models
        Yujie He, PhD Candidate  Advisor: Zhuang
        **Tuesday, 4:00PM, Room 2201/HAMP**

Oct.  23 Anthropogenic Signals in InSAR
        Prof. Rowena Lohman, Cornell University  Host: Elliott/Flesch

Oct.  28 Giant Impacts on the Asteroid Vesta
        Tim Bowling, PhD Candidate  Advisor: Melosh
        **Tuesday, 4:00PM, Room 2201/HAMP**

Oct.  30 Abiotic and Biogeochemical Controls on Reactive Nitrogen Cycling
        on Boundary Layer Surfaces
        Prof. Jonathan Raff, Indiana University  Host: Shepson

(continued on next page)
Nov.  6  Andean Foreland Basins: A Thermochronologic Perspective on Sediment Provenance, Deformation, and Basin Thermal Histories
Prof. Julie Fosdick, Indiana University  Host: Ridgway

Nov. 11 Profiling Developing Tropical Storm Environments Using GPS Airborne Radio Occultation
Brian Murphy, PhD Candidate  Advisor: Sun/Haase
Tuesday, 4:00PM, Room 2201/HAMP

Nov. 13 Shale Gas Development and the Environment
Prof. Mark Zoback, Stanford University  Host: Nowack
Thursday, 4:00pm, Room 210/MTHW (joint with the Physics Dept.)

Nov. 20 The Role of Monsoon Circulation on Tropopause Variability
Prof. Yutian Wu, Purdue University

Dec.  4 CSI Patagonia: Tracking Glacial and Climate Dynamics over the Last Glacial Cycle
Alessa Geiger, University of Glasgow  Host: Harbor
Climate models are valuable tools for understanding how Earth’s climate system is changing, yet they are inherently uncertain. Two key sources of uncertainty include: (1) internal variability affecting simulations from a single model initialized from different states, and (2) structural uncertainties affecting multi-model intercomparisons. These uncertainties significantly contribute to the spread of climate model projections and can affect interpretations of potential future change. Here we compare results from a new 50-member climate change ensemble experiment, utilizing the low-resolution configuration of the fully-coupled Community Earth System Model (CESM), with results from the CMIP5 models to diagnose the skill of climate model ensembles that predominantly sample structural uncertainties versus internal variability. We find that both the CESM and CMIP5 ensemble strategies have a significant effect on projections of key climate change metrics, and the projected ranges increase with decreasing spatial scale. Further, the CESM ensemble demonstrates considerable skill in simulating key regional climate processes relevant to decision-makers, such as seasonal temperature variability and extremes. When combined with statistical estimation methods, the CESM ensemble provides a useful framework for analyzing projection uncertainties surrounding regional extremes on decadal timescales. Given the tradeoffs between model resolution and computational cost, our results indicate that the ensemble/statistical methods presented here provide a useful resource for quantifying decision-relevant uncertainties and analyzing climate change impacts.
Soils are the largest terrestrial carbon pools and contain approximately 2200 Pg of carbon. Thus, the dynamics of soil carbon plays an important role in the global carbon cycle and climate system. Earth System Models are used to project future interactions between terrestrial ecosystem carbon dynamics and climate. However, these models often predict a wide range of soil carbon responses and their formulations have lagged behind recent soil science advances, omitting key biogeochemical mechanisms. In contrast, recent mechanistically-based biogeochemical models that explicitly account for microbial biomass pools and enzyme kinetics that catalyze soil carbon decomposition produce notably different results and provide a closer match to recent observations. However, a systematic evaluation of the advantages and disadvantages of the microbial models and how they differ from empirical, first-order formulations in soil decomposition models for soil organic carbon is still lacking. This study consists of a series of model sensitivity and uncertainty analyses and identifies dominant decomposition processes in determining soil organic carbon dynamics. Poorly constrained processes or parameters that require more experimental data integration are also identified. The critical role of microbial life history trait, such as microbial dormancy, in the modeling of microbial activity in soil organic matter decomposition models is also demonstrated through ablation analysis. Finally, this study also surveys and synthesizes a number of recently published microbial models and provides suggestions for future microbial model developments.
The Purdue Graduate Student Government and the Purdue School of Nursing have come together to offer a Child Wellness Day for the children of Purdue Graduate Students. Services offered are:

- Physical Exams
- Immunizations
- Hemoglobin and Lead Screening
- Well Child Health Education
- Child Safety Education
- Hearing screen till 3pm
- Nutrition screening
- Speech/language screen 10am-2pm

TRANSPORTATION

- PVCC will provide a van that will pick up every 1/2 hour at PVCC and the Lyles Porter building and drop off at the clinic. Please provide car seats in order to utilize the van service.
- Parking is available all day long at the Harrison Street Parking Garage, need for "A" permit is waived for the day.
- The Boilermaker Special will be available for transport for a portion of the day. Pick up at PVCC and Lyles Porter on the 1/2 hour.

If your children have health insurance, please bring insurance card. Please bring copy of your children’s immunizations.
The University

California State University, Chico is a fully accredited, state-supported member of a 23-campus CSU system. The university is a residential campus serving a diverse student body of approximately 16,000. Founded in 1887, CSU, Chico offers undergraduate and graduate programs in the Colleges of Behavioral and Social Sciences; Communication and Education; Computer Science, Engineering and Construction Management; Humanities and Fine Arts; Natural Sciences; Business; and, Agriculture.

As a comprehensive university serving Northern California and other regions nationally and internationally, our first priority is the education of our students. We are committed to assisting students in their search for knowledge and understanding and to prepare them with the attitudes, skills and habits of lifelong learning in order to assume responsibility in a democratic community and global society.

The Community

With a population of nearly 110,000, Chico is located in the Sacramento Valley near the foothills of the Sierra Nevada. It is 180 miles northeast of San Francisco and 90 miles north of Sacramento and offers a reasonable cost of living compared to metropolitan areas. Chico retains the charm of a small town while offering medical services, excellent public and private schools, and many cultural and recreational activities. The city’s Bidwell Park, one of the largest municipal parks, extends from the city center along a creek deep into the foothills and surrounding canyons. For more: www.csuchico.edu/pa/chico-facts.shtml

California State University, Chico
Today Decides Tomorrow

Assistant or Associate Professor Position

Department of Geological and Environmental Sciences, College of Natural Sciences

The Position: The Department of Geological and Environmental Sciences is searching for a tenure track Assistant or Associate Professor to start August, 2015. The position is contingent on funding.

We seek an enthusiastic Petrologist or Economic Geologist to contribute to the hard-rock foundation in our B.S. Geology and M.S. Geoscience programs. The department is committed to providing a rigorous curriculum for the B.S. in Geology that focuses on maintaining a strong petrographic component while also expanding our analytical capabilities. The new faculty member will be joining nine full-time faculty, additional collaborative faculty in other departments, and a growing team of part-time faculty with diverse talents. Chico’s location provides diverse teaching and research opportunities for hard rock petrology with nearby access to a variety of metamorphic and igneous terrains as well as active and historic mining districts. The department houses several research microscopes (petrographic, ore, cathodoluminescence) including analytical software, a functioning thin-section laboratory, XRD, and additional equipment. CSU, Chico is proud of maintaining its own field camp and all faculty are field-oriented.

The position requires excellence in teaching and advising, professional and scholarly research achievements, and a commitment to service to the University. Additional desirable attributes include a successful grant record and established ties to research institutions, mining industries, or government agencies.

As a university that educates students of various ethnic and cultural backgrounds, we value a diverse faculty and staff. The University is an Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, color, ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, National origin, sex, sexual orientation, covered veteran status, or any other protected status. We also welcome those who share a passion and commitment to the University’s Strategic Priorities- http://www.csuchico.edu/vpaa/wasc/StrategicPrior/.

Minimum Qualifications: The minimum education requirement for appointment to this position is a Ph.D. in Geology/Geoscience or a related field. Candidates nearing completion of the doctorate may be considered; however, the doctorate must be completed prior to the start of employment in August, 2015.

Preferred Qualifications: Candidates should be enthusiastic about working hands-on with a diverse group of undergraduate students and developing connections/mentoring for applied geology. Experience teaching at the undergraduate or graduate level, employment in economic geology, and experience with modern instrumentation are preferred qualifications beyond the minimum. Candidates should demonstrate the potential to conduct externally funded research and publish original manuscripts.

Responsibilities: This tenure-track position carries responsibilities in the areas of teaching General Education, Igneous and Metamorphic Petrology, Optical Mineralogy, Economic Geology, and general geology; advising research students; and maintaining professional development. Teaching assignments are based upon qualifications and interests of the individual and the needs of the department.

Salary: Salary commensurate with education and experience.

The Department: The Department of Geological and Environmental Sciences offers B.S. degrees in Geology and Environmental Sciences as well as M.S. degrees in Environmental Sciences and Geosciences. The department continues to grow and currently serves over 200 majors and more than 25 graduate students. Faculty and students are actively involved in external research grants and service contracts. More information may be viewed at http://www.csuchico.edu/geos/index.shtml.
**Closing Date:** Review of applications will begin on November 14, 2014 and continue until the position is filled.

**How to Apply:** All applicants must complete the Application for Academic Employment Form, which is available on-line at [http://www.csuchico.edu/faaf/documents/FacultyEmploymentApplication.pdf](http://www.csuchico.edu/faaf/documents/FacultyEmploymentApplication.pdf) to be submitted with curriculum vitae or resume, complete set of transcripts, three letters of recommendation (and documentation for whatever the specific requirements are for the position) to:

Dr. Rachel Teasdale, Search Committee Chair  
Dept. of Geological and Environmental Sciences, CSU Chico  
400 West First Street  
Chico, CA 95929  
530-898-5547  
rteasdale@csuchico.edu

An annual security report disclosing crime statistics for California State University, Chico can be obtained by contacting the Chico State University Police Department (530 898-5555) or by accessing the following website: [www.csuchico.edu/up/clery_report.shtml](http://www.csuchico.edu/up/clery_report.shtml)

For disability related accommodations please call ADA Coordinator at (530) 898-6771.

CSU, Chico is EOE/M/F/Vets/Disability Employer and also only employs individuals authorized to work in the U.S. Final Candidate will be required to undergo LiveScan Screening.

We strongly suggest that you link this vacancy announcement in its entirety on the Department and College websites: [http://www.csuchico.edu/geos/index.shtml](http://www.csuchico.edu/geos/index.shtml).