

February 24, 2014

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EAPS MEETINGS

Tuesday, February 25, 3:00-5:00 pm, HAMP 3201
EAPS Faculty Meeting

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## EAPS SEMINARS

**Wednesday, March 6, 3:30 pm, HAMP 1252**  
**Professor William Guenther**, University of Illinois  
New Advances in Zircon (U-Th)/He Thermochronology  
and Current Challenges

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EAPS SPECIAL SEMINARS

Monday, February 24, 1:30 pm., HAMP 2201
Andrew Luhmann (University of Minnesota) CO2
Sequestration in Sedimentary Reservoirs: Experiments
Illustrating Reactive Transport Processes
<http://goo.gl/5OnCbx>

Tuesday, March 4, 1:30 pm., HAMP 2201
David Vinson (Northwestern University) Methane-
Yielding Pathways in the Subsurface: Coal Bed
Controversies and New Insights
<http://goo.gl/LefYvx>

Wednesday, March 6, 1:30 pm., HAMP 2201
Marty Frisbee (Georgia Southern University) A Tale of
Three Watersheds; Investigating Controls on Surface
Water and Groundwater Interactions in Three Mountains
Watersheds in Different Geologic Settings
<http://goo.gl/u5qqsj>

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## EAPS PRESENTATIONS

**Harbor, Jon**, 2014: Spatial and Temporal Patterns of  
Paleoglaciacion across Asia. Durham University, Feb. 17  
and Feb. 20, 2014.

**Milbury, Colleen**, 2014: The effects of porosity and  
dilatancy on impact simulations. GRAIL Science Team  
meeting, Irvine, California, Feb. 18, 2014.

**Elbeshausen, Dirk**, 2014: Formation of multi-ring basins:  
Two-and-three-dimensional modeling of crater formation  
and gravity anomalies. GRAIL Science Team meeting,  
Irvine, California, Feb. 18, 2014.

**Chappaz, Loic**, 2014: Lava tube detection with GRAIL  
data. GRAIL Science Team meeting, Irvine, California,  
Feb. 18, 2014

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EAPS DEFENSES

Wednesday, February 26, 9:00 am., HAMP 3201
Peter Robertson (MS candidate) Part 1: Neoacadian to
Alleghanian Foreland Basin Development and
Provenance in the Central Appalachian Orogeny, Pine
Mountain Thrust Sheet; Part 2: Structural Configuration of
a Modified Forearc Basin, South-Central Alaska

Thursday, February 27, 7:30 am., HAMP 3232
Daniel McMahon (PhD candidate) Investigation of
Isotope Effects of Ozone as a Function of Temperature

EAPS NEWS

COLLEGE OF SCIENCE AWARD BANQUET
Purdue College of Science recognized outstanding
contributions of many faculty and staff members on
Thursday, Feb. 20. Many congratulations to the following:

- Ernie Agee- Undergraduate Advising Award
- Chris Andronicos- Diversity Award
- Andy Freed- Graduate Student Mentoring Award
- Dianna VanHorn- Customer Service Award

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## SPRINGFEST VOLUNTEERS

Each year our department runs activities during Springfest.  
We would like to have a nice showing for our department.  
Please sign up for a time to help give back to the  
community. This is always a fun day. Click the link below to  
sign up. **The deadline to sign up is March 15.**

- Saturday, April 12- on campus
- Groups or individuals needed to staff activities
- Outreach has activities planned, you will not need to  
create anything

[Sign up for a time here](#)

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TO EAPS STAFF, GRADUATE STUDENTS AND VISITORS:

We (Jim and Gabi Ogg) will be on a sabbatical for all of
August through December. Rather than leaving our West
Lafayette place sitting empty, we are offering a rent-free
house for a person (or a pair of people) in our department.

It is at 1224 North Salisbury by Happy Hollow School, which is on a direct bus line to our department or a pleasant 15-minute walk via the quiet High School area. Please contact us or call us (743-0400) if you are interested.

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### **NATIONAL ASSOCIATION OF GEOSCIENCE TEACHERS EARLY CAREER FACULTY WORKSHOP**

The Early Career Geoscience Faculty Workshop: Teaching, Research and Managing Your Career will be held 22-26 June 2014 at University Of Maryland with an optional visit to NSF on Friday, 27 June. Faculty within their first three years of teaching are encouraged to join NAGT for a workshop where they will participate in sessions on effective teaching strategies, course design, establishing a research program, working with research students, balancing professional and personal responsibilities, and task management. Applications are due 1 March 2014. See attached flyer.

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"Studying the lithospheres of the terrestrial planets from their gravity, topography, and magnetic fields."

Please join the Crater Cafe group for a presentation by:

**Dr. Frederik Simons
Princeton University**

**Wednesday, February 26
10:30 a.m.
HAMP 2201**

Dr. Simons is a professor in the Department of Geosciences at Princeton University. He studies the physical properties of the terrestrial lithosphere, focusing in particular on the elastic and thermo-mechanical properties of the continents, by seismic tomography and the spectral analysis of gravity and topography.

If you would like to speak with Dr. Simons, please contact Colleen Milbury: (cmilbury@purdue.edu).

CAMPUS NEWS

FRED PEARCE VISIT TO CAMPUS

His lecture will be on Thursday, Feb. 27 at 7:00 pm in Fowler Hall and followed by a book signing. It is titled: Panic or Peak? As world population soars, we are running short of even our most basic needs like water and land to grow food. Will we perish or will peak population save us? This event is open to the public. Click the link to view Pearce's agenda: <http://goo.gl/bYk5Jn>

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### **ENTREPRENEURIAL LEADERSHIP ACADEMY**

The Burton D. Morgan Center for Entrepreneurship in Discovery Park is pleased to announce faculty development opportunities supported by the Burton D. Morgan Center for Entrepreneurship. The Entrepreneurial Leadership Academy is a professional development program aimed at mid-career or senior faculty who have entrepreneurial interests. See attached memo for details.

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ALL-HAZARDS AWARENESS TRAINING SESSIONS

See below link for current sessions. The training provides reminders on what constitutes an all-hazards emergency event and how faculty, staff and students in the classroom or elsewhere on campus should react in such a situation.

The training will also explain how the campus community receives emergency notifications through the multi-layered Purdue Alert system, what "shelter in place" means and how to respond when they see the phrase in alerts sent out; evacuation procedures; what they can do to prepare; and available tools and resources. <http://goo.gl/rUVU1>

POSTDOCS AND GRADUATE STUDENTS

GRADUATE WRITING RETREATS

The Purdue Writing Lab has designated blocks of time for graduate students and faculty members to work on their writing projects. These retreats are geared toward the kinds of writing that graduate students will do- theses, dissertations, articles for publications, etc. See attached flyer for details.

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### **GRANT OPPORTUNITIES FOR GRADUATE RESEARCH SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS FOUNDATION**

The Society of Petrophysicists and Well Log Analysts Foundation (SPWLAF), provides financial assistance to eligible and qualified recipients pursuing a degree program related to oil, gas, or other mineral formation evaluation. Grants are available for graduate students, as well as faculty members, to support research studies and educational projects related to formation evaluation and are awarded on a competitive basis. **Application deadline is April 1, 2014.** Intuitive application forms are available at [www.spwla.org](http://www.spwla.org) under the Foundation button.

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WORKSHOP ON PREPARING FOR AN ACADEMIC CAREER IN THE GEOSCIENCES

This workshop offered by On the Cutting Edge is designed specifically for graduate students and post-doctoral fellows. Faculty members and administrators will provide guidance and information that will help participants become stronger candidates for academic positions and succeed in academic jobs. The workshop will be held 30 June to 3 July 2014 at the University of Pittsburgh. Application deadline is 3 March 2014. Workshop leaders: Barbara Tewksbury (Hamilton College), Rachel O'Brien (Allegheny College), Matthew Kirby (Cal State Fullerton), and other leaders TBA. See attached flyer.

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### CHILD CARE GRANTS - APPLICANTS NEEDED

Expanding upon last year's pilot program, PGSG is again offering funding for a child care grant program. Applications this semester are due **March 28th**. The PGSG-funded Childcare Grant is designed to provide assistance for graduate students with children. This year, ten awards of \$1000 will be granted to applicants needing assistance with childcare expenses at a licensed childcare provider. The application and full eligibility information can be viewed at: [www.purdue.edu/pgsg/projects/child-care-grant](http://www.purdue.edu/pgsg/projects/child-care-grant)  
For questions and more information please contact Allison Lange at [amlange@purdue.edu](mailto:amlange@purdue.edu)

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VISITING ASSISTANT PROFESSOR IN SYNOPTIC METEOROLOGY

The Department of Geography at Northern Illinois University is in search for a Visiting Assistant Professor specializing in synoptic meteorology. This position will span the 2014-2015 academic year, with possibility of renewal for a second year. Ph.D. in atmospheric science, geography or a related field required at time of appointment. In addition to a demonstrable background in synoptic meteorology, the ideal candidate will also be able to teach courses in radar meteorology and impacts of climate change. For a complete description of the position, including application procedures, please see <http://goo.gl/V9Vxnn>.

Northern Illinois University and the Department of Geography are interested in and value candidates who have experience working with students from diverse backgrounds.

UNDERGRADUATE AND GRADUATE STUDENT INFORMATION

COMMUNICATING SCIENCE WORKSHOP FOR GRADUATE STUDENTS

Applications are now open (<http://comscicon.com/apply-attend-summer-2014>) for the Communicating Science 2014 workshop, to be held in Cambridge, MA on June 12-14th, 2014. Graduate students at US institutions in all fields of science and engineering are encouraged to apply. The application will close on March 1st.

Participants will build the communication skills that technical professionals need to express complex ideas to their peers, experts in other fields, and the general public. There will be panel discussions with invited experts on the following topics:

- * Communicating with non-scientific audiences
- * Communicating complexity and controversy
- * Communicating for a cause
- * Communicating with multimedia
- * Engaging diverse audiences

In addition to these discussions, ample time is allotted for interacting with the experts and with graduate student attendees from throughout the country to develop new science outreach collaborations.

Workshop participants will produce an original piece of science writing and receive feedback from workshop attendees and professional science communicators, including journalists, fiction and non-fiction authors, public policy advocates, educators, and more.

Visit <http://comscicon.com/programs> to learn more about our past workshop programs and participants. This workshop is sponsored by the Graduate School of Arts and Sciences, Faculty of Arts and Science, and Department of Astronomy at Harvard University, and Microsoft Research.

A NOTE FROM OUR ACADEMIC COUNSELOR

DEAN OF STUDENTS OFFICE

The DoS counseling services now has a new name: Student Assistance Center (SAC). You can find their services listed [here](#).

SPRINGFEST?

Participation in Springfest can count toward [Learning Beyond the Classroom](#) under Service, Citizenship, and Leadership. Email was sent Feb. 18; link is also in this Newsletter.

PURDUE STUDENT VETERANS

This next Purdue Student Veterans Organization (PSVO) meeting is Monday, **February 24** at 6pm in Krannert G018. As always, free food and drink will be provided. Items up for discussion are the Chive Charities-Wounded Warrior fundraiser, Grand Prix, and they will also begin the election process for a new Secretary. As a reminder, you do not have to be a veteran or member of the military to participate in the PSVO.

PRE-LAW INFORMATION SESSION

Open to all students (any level & major) curious about &/or considering law school. Considering a career in law but not sure where to start? This session is for you. We will discuss the best major, prerequisite classes, expectations of the law school admissions committees, and components of the application. In addition, you will learn how to be a competitive applicant, what law school is like and what you can do with a law degree. **Tuesday, March 4th, 6:30 to 8:00 p.m. in SC 239.**

INTERVIEW PRACTICE

Do you need practice preparing for an interview? Login to myCCO and use InterviewStream to practice interviewing with questions that can be customized to your interests or tailored to a special field. You can repeat each question as often as you like as well as hear expert advice on how to answer certain types of questions. Mock Interviews with career counselors can also be scheduled at the CCO, but only after you have used InterviewStream to practice first. To schedule a Mock Interview, call (765) 494-3981 or visit YONG Rm. 132.

MANDARIN-ENGLISH SPEAKING CAREER FAIR

Tuesday, March 11, 2014 11 am - 4 pm in the France A. Córdoba Recreational Sports Center Feature Gym. The Mandarin-English Speaking Career Fair at Purdue University was initiated by the Center for Career Opportunities (CCO) and is co-sponsored by the CCO, the America China Society of Indiana (ACSI), and Purdue University Chinese Students and Scholars Association (PUCSSA). This new event is to help employers connect

with talented and qualified Mandarin speaking students seeking both internship and post-graduate employment.

The event is open to all majors and degree levels is to help in recruiting students who possess F-1 or J-1 student visas from a wide variety of majors. So far 22 employers registered and more are anticipated. A majority of the registrants have indicated that they have internship and fulltime opportunities in the US. Several companies plan to fulfill their overseas recruitment needs as well.

In addition to the Mandarin-English speaking career fair, the Purdue Alumni Association along with PUCSSA, and CCO will be hosting an evening of networking and professional development on Monday, March 10th from 5-8 p.m. in the Prusiecki Room of the Alumni Center. Dr. Stacey Connaughton and Ms. Shavonne Shorter from the Brian Lamb School of Communication will facilitate a networking workshop followed by two guest speakers. Weilin Long, Managing Director of the WLong Consulting Group will present on career development for Chinese students and work culture in the U.S. David Kummins, a representative from Nanshan America, will discuss Chinese relations within his company and employer perspectives on cultural considerations for interviewing. The night's event will include times for networking interspersed between the networking workshop and guest speakers. Need resume assistance? Check [here](#).

EMERGING EMPLOYERS INTERNSHIP & CAREER FAIR **CONNECTING STUDENTS TO HIGH-GROWTH** **EMPLOYERS**

Hosted by:

The Center for Career Opportunities
Department of Computer Science
The Office of Global Affairs
Interns for Indiana
Techpoint
The Certificate in Entrepreneurship & Innovation

Sponsored by the Lilly Endowment

Date: Wednesday, **March 05, 2014**

Time: 1:30PM - 4:30PM

Location: Recreational Sports Center, Feature Gym

NEPAL: GEOSCIENCE IN THE HIMALAYA—NEW EAPS **STUDY ABROAD PROGRAM**



The program has been posted on the study abroad [site](#), and courses transfer as:

EAPS 385 Engineering Geology (GEOL 3000)

EAPS 390 Field Methods (GEOL 3500+ GEOL3060)

The study abroad people have this to say about the cost:

“It's really a great price for a program in Nepal after the discount and scholarship. The program fee includes nine credits, all meals and accommodations for the same amount that a nonresident would pay to Purdue just for tuition in the summer (no housing or meals).”

There could also be support [from Learning Beyond the Classroom](#) if the student qualifies.

DISABILITY AWARENESS

March is Disability Awareness Month. See here for information and events.

REGISTRAR ON TWITTER

The Office of the Registrar now is on Twitter ([@PurdueRegistrar](#)). Please join us for announcements, deadlines for adding and dropping classes, transcript and certification information, myPurduePlan (MPP) details, graduation information ([@PUCommencement](#)) and MUCH more!

February/March Birthdays

Terry Wade – Feb. 28th
Greg Michalski – Mar. 17th
Larry Braille – Mar. 21st
Joseph Francisco- Mar. 26th



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 Amy Cooper (ancooper@purdue.edu) by **5:00pm 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://eaps.purdue.edu>.



Early Career Geoscience Faculty: Teaching, Research, and Managing Your Career

Fairfax, VA

Cutting Edge > Early Career > Early Career Workshop 2014

Cutting Edge

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...click to see 10 more...

Early Career

GSA 2011
Preparing for
Tenure

...click to see 5 more...

International
Faculty

Workshop 2014

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Geophotography

Geophysics

Geoscience in the
Field

GIS and Remote
Sensing

Google Earth for
Geoscience

Teaching and
Research

Hazards

Hurricanes-Climate
Change Connection

Hydrogeology

Introductory
Courses

Related Links

[Early Career Geoscience Faculty](#)

Workshop for Early Career Geoscience Faculty

June 22-26, 2014 (optional trip to NSF on Friday, June 27)
University of Maryland, College Park, MD

Join us for a multi-day workshop in a stimulating and resource-rich environment where you will participate in sessions on topics including effective teaching strategies, course design, establishing a research program in a new setting, working with research students, balancing professional and personal responsibilities, and time management. Participants from prior workshops write:



"This workshop is one of the best things I have done for my career!"

"... it is very helpful to form a network of colleagues at other institutions. I think I made some friendships that will last my career."

"The workshop totally changed my view of teaching from teacher-oriented to student-oriented. It's no more what I want to teach but what students need to learn or take away from the course. This is the essential point that I will keep in mind when I design course goals, syllabi, in-class activities, assignments, and exams."

"This was a great workshop - I thought the workshop facilitators were great and I really enjoyed getting to know them and my new colleagues. I feel energized by the workshop, have a new research collaboration, and feel more in control of my teaching. I am glad I gave myself the gift of being here!"

Participants must have a full-time faculty position at a two-year or four-year college or a university at the time of the workshop and must be in their first three years of full-time teaching or starting a full-time position in the fall. See the [overview](#) page for details.

APPLICATION DEADLINE: March 1, 2014

Metacognition
Mineralogy
Oceanography
Online Games
Online Teaching
Paleontology
Petrology
Problem Solving & Problem-based Learning
Public Policy
Rates and Time
Sedimentary Geology
Service Learning
Spatial Thinking
Structural Geology
Student Learning: Observing and Assessing
Teaching at Scale
Teaching Methods
Undergraduate Research
Urban Geology
Videos
Visualization
Web-Based Resources
Leadership

Workshop Facilitators

- [Rachel Beane](#), Department of Earth and Oceanographic Science, Bowdoin College
- [Tessa Hill](#), Bodega Marine Laboratory, University of California, Davis
- [Richard Yuretich](#), Department of Geosciences, University of Massachusetts, Amherst
- [Andrew Goodliffe](#), Department of Geological Sciences, University of Alabama
- Chris Kim, School of Earth and Environmental Sciences, Chapman University
- [Karen Kortz](#), Department of Physics, Community College of Rhode Island
- [Sarah Penniston-Dorland](#), Department of Geology, University of Maryland
- [Cindy Shellito](#), Department of Earth and Atmospheric Sciences, University of Northern Colorado

Cutting Edge Staff

- [Molly Kent](#), Science Education Resource Center, Carleton College

This workshop is part of the [On the Cutting Edge](#) professional development program for current and future geoscience faculty, and is sponsored by the [National Association of Geoscience Teachers](#) with funding provided by NAGT, and a grant from the National Science Foundation - [Division of Undergraduate Education](#) and [other contributing sponsors](#).

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TO: Deans, Department Heads, Directors, and Purdue Faculty
FROM: Dr. Joseph Pekny, Professor of Chemical Engineering, and Interim
Director of the Burton D. Morgan Center for Entrepreneurship
DATE: Spring 2014
RE: Entrepreneurial Leadership Academy

The Burton D. Morgan Center for Entrepreneurship in Discovery Park is pleased to announce faculty development opportunities supported by the Burton D. Morgan Center for Entrepreneurship.

The **Entrepreneurial Leadership Academy** is a professional development program aimed at mid-career or senior faculty who have entrepreneurial interests. These interests may include understanding the commercialization possibilities for some aspect of their research program including development of a nonprofit entity, exploring opportunities to involve graduate students in entrepreneurial activities, identifying strategies to introduce undergraduate students to entrepreneurial projects, or considering the synergies among large interdisciplinary research centers and entrepreneurial activities. The program also introduces faculty to the leadership skills required of entrepreneurs. The **Entrepreneurial Leadership Academy** provides faculty with networking opportunities and resources for understanding how to incorporate entrepreneurial concepts into high impact university programs and realize the potential for commercial opportunities emerging from these programs. Participants meet with distinguished administrators and leaders to discuss topics critical to the development and support of leadership and entrepreneurial skills.

The intended audience for the Entrepreneurial Leadership Academy is strongly motivated, tenured or soon to be tenured, faculty with interest in: leading project centers; leading large interdisciplinary research teams; leading innovation in discovery and learning; developing and commercializing new technology; developing new strategies for Purdue University to influence and impact the state, nation, and world; and/or, honing their leadership and entrepreneurial skills to pursue administrative leadership positions. While commercialization interests are encouraged, faculty do not need to have a technology to commercialize to participate in this program. Past projects include the development of computer tools for interdisciplinary research sites, the creation of strategic business plans for core research facilities at Purdue, the development of a business plan that can facilitate the submission of large-scale research proposals, the expansion of interdisciplinary centers, the creation of student courses and projects, creation of a sustainable not-for-profit entity, as well as progress on the licensing of a technology or starting a company. Project descriptions for prior and present year participants can be viewed at: <http://www.purdue.edu/dp/entrepreneurship/ela809.php>

To extend the impact of this program, Entrepreneurial Leadership Academy faculty fellows each receive a development award of \$5000.00 and the opportunity to utilize Discovery Park, the Purdue Foundry, and Office of Technology Commercialization staff and capabilities. Faculty in this program may be assigned a Krannert M.B.A. student to assist them with some aspect of their project. Faculty are encouraged to use the monetary award to develop high impact projects, and to foster entrepreneurial leadership in their students. Additionally, two Academy participants from the previous year will be selected as an **Entrepreneurial Faculty Scholar** based on their year of Entrepreneurship Leadership Academy activities. The Entrepreneurial Faculty Scholars are provided with \$15,000 of support to continue work on his or her project.

To nominate faculty from your college or school, please submit: (1) a three-page bio of the faculty member (use the National Science Foundation style as a standard); (2) a 1-2 page statement written by the faculty member regarding interest in this opportunity and expected impact of participation; and (3) a signature of endorsement from the department head and dean. These materials should be submitted by April 18. Faculty will be selected to begin participation in the Leadership Academy for fall 2014, beginning August 2014. Approximately ten faculty will be chosen to participate in the program.

Please submit applications to: Bambrah Miller e-mail: bambrah@purdue.edu
For additional information, please contact Dr. Candiss Vibbert, Associate Director for Discovery Park Engagement at vibbert@purdue.edu or 49404.

Graduate Writing Retreat, 2014

What are Graduate Writing Retreats?

Graduate Writing Retreats provide a supportive environment and a designated block of time for graduate students and faculty members to work on their writing projects. These retreats are an opportunity for writers to make progress on a project, have access to writing tutors, and to work alongside fellow writers from across campus.

When are the upcoming retreats?

Wednesday, March 12th 6:00 – 9:00 p.m. in Lawson 1142.

Wednesday, April 2nd 6:00 – 9:00 p.m. in Lawson 1142

Is this for me?

These retreats are geared toward the kinds of writing that graduate students will do – theses, dissertations, articles for publication, grant proposals, course projects, etc. We invite graduate writers who are working on a project, or who anticipate such projects, to join us. Faculty advisors are also welcome to join their students at the retreats or to come to learn and share strategies for working with graduate writers in their own programs.

What can I expect?

Retreats provide a comfortable environment for writers to work on their own, in a writing group, as well as access to writing consultants from the Purdue Writing Lab.

What should I bring?

Bring a specific writing project at any stage of the process and a laptop or other writing supplies to work on during the Writing Retreat. This can be any kind of writing – a grant proposal, a dissertation chapter, or a course project. Bring a draft if you have one or bring your ideas if you're just getting started. Again, the retreats are not in a computer lab, so you will need to bring your own computer or notebook.

Do I need to register?

Registration is encouraged because it allows the retreat coordinator to tailor materials to the participants. However, you are welcome to attend without registering as long as seating is available. To access the registration form, visit https://purdue.qualtrics.com/SE/?SID=SV_0360evQtKuP2SyN

Who can I contact for more information?

Graduate Writing Retreats are part of an interdisciplinary initiative sponsored by Purdue University's Bilisland Strategic Initiative Fellowship, The Graduate School, The Purdue Writing Lab, and other campus partners. To find out more or to become a partner in enhancing graduate writing at Purdue, e-mail program coordinator R. Scott Partridge: rpartri@purdue.edu

Preparing for an Academic Career in the Geosciences: Workshop for Graduate Students and Post-Doctoral Fellows

University of Pittsburgh, Pittsburgh, PA

Cutting Edge > Career Prep > Preparing for an Academic Career Workshop 2014

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Career Prep

Job Search

Preparing to Teach

Moving Your Research Forward

Workshop 2014

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Deep Earth

Discoveries from Mars

Early Career

Early Earth

Embedded Assessment

Energy

Environmental Geology

Geochemistry

Geodesy

Geology and Human Health

Geomorphology

Geophotography

Geophysics

Geoscience in the Field

GIS and Remote Sensing

Google Earth for

Preparing for an Academic Career in the Geosciences

June 30 - July 3, 2014
University of Pittsburgh

The deadline for [applications](#) is March 3, 2014.

This workshop is designed specifically for graduate students, post-doctoral fellows, and others who are interested in pursuing academic careers in the geosciences.* Faculty members and administrators will provide guidance and information that will help participants to be stronger candidates for academic positions and to succeed in academic jobs. Session topics focus on becoming both a successful teacher and researcher. Each participant will develop or revise a plan for the next career stage and will take home ideas to improve teaching immediately.

"This was an extremely well run workshop and should prove invaluable to my academic career. The workshop answered questions for me that I didn't even know I had yet. It definitely got me thinking about my future path with more clarity and confidence. It is just what I needed at this particular point in my career where I've been feeling slightly adrift trying to finish my dissertation research. Many thanks!"

"I think the idea of being a university/college teacher seems much more "doable" now and less daunting."

"Overall I feel like my experiences here were broadening and enriching. While some of the material wasn't new to me, I don't feel like anything was a waste of my time and I felt like I came away with some fantastic information that will be very useful to me in my career. It was helpful to meet with people from a broad range of backgrounds and with different experiences and expectations - both participants and leaders. The atmosphere was casual enough to let us relax and get to know each other, but serious enough to make us feel like we were doing something worthwhile."

Note: We have also developed a set of online resources for those who are [preparing for an academic career in the geosciences](#). These web pages focus on [the job search process](#), [preparing to teach](#), and [moving your research forward](#).

Related Links

[Preparing for an Academic Career in the Geosciences](#)



Geoscience Teaching and Research
Hazards
Hurricanes-Climate Change Connection
Hydrogeology
Introductory Courses
Metacognition
Mineralogy
Oceanography
Online Games
Online Teaching
Paleontology
Petrology
Problem Solving & Problem-based Learning
Public Policy
Rates and Time
Sedimentary Geology
Service Learning
Spatial Thinking
Structural Geology
Student Learning: Observing and Assessing
Teaching at Scale
Teaching Methods
Undergraduate Research
Urban Geology
Videos
Visualization
Web-Based Resources
Leadership

You do not have to attend the workshop to view these pages.

*If you are in the process of applying for tenure-track or other permanent faculty positions, we encourage you to apply to both this workshop and the Early Career Geoscience Faculty workshop, with a note that you are in the process of applying for such positions. The Early Career Geoscience Faculty workshop is designed for those who have a tenure-track or equivalent faculty position.

Workshop Conveners

[Barbara Tewksbury](#), *Department of Geosciences, Hamilton College*
[Rachel O'Brien](#), *Geology Department, Allegheny College*

Workshop Leaders

[Matthew Kirby](#), *Department of Geological Sciences, Cal State Fullerton*

Cutting Edge Staff

[Monica Bruckner](#), *Science Education Resource Center, Carleton College*

This workshop is part of the [On the Cutting Edge](#) professional development program for current and future geoscience faculty, and is sponsored by the [National Association of Geoscience Teachers](#) with funding provided by NAGT, and a grant from the National Science Foundation - [Division of Undergraduate Education](#) and [other contributing sponsors](#).

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