EAPS WEEKLY NEWSLETTER
27 Nov. 2017 | EAPS on Facebook | EAPS on Twitter

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DEPARTMENT NEWS

INSIDE EAPS NEWSLETTER
Read all of the latest news in our department magazine, Inside EAPS, including Antarctica research, public outreach, and clean energy for hybrid vehicles. The latest version of Inside EAPS newsletter can be found here: https://goo.gl/47U9VP

BE SURE TO CHECK OUT ALL OF THE EAPS COMMUNICATIONS MEDIA!

Facebook
Twitter
Department Magazine
Website News

MHS STUDENTS VISIT PURDUE LAB
Students from Robyn Embry’s environmental science class at Mitchell High School visited Purdue and participated in a soils lab. The lab experience took place in the HAMP building and was sponsored by Steven Smith and Sarah Nern. Please see attached for the full story...

EAPS MEETINGS & EVENTS

CoS FALL FACULTY MEETING
November 28, 2017
3:30 PM
LWSN 1142

EAPS HOLIDAY PARTY
December 5, 2017
12:00 -1:30 PM
HAMP 2201

EAPS FACULTY MEETING
December 5, 2017
3:00 PM
HAMP 3201

AGU FALL MEETING RECEPTION
December 14, 2017
7:00 P.M – 9:30 P.M.
The District
711 Tchoupitoulas Street
New Orleans, LA

EAPS MAIN OFFICE
*HOLIDAY CLOSING*
Dec. 25-29, 2017
Jan. 1-2, 2018

http://www.eaps.purdue.edu/
CONSTRUCTION PROJECTS FOR HAMPTON HALL OF CIVIL ENGINEERING

Please review the attached list of upcoming construction projects for the HAMP building.

2018 SUMMER RESEARCH EXPERIENCES FOR UNDERGRADUATES PROGRAM

The 2018 Summer Research Experiences for Undergraduates (REU) Program in climate change in semi-arid regions hosted by the Environmental Science Institute at the University of Texas at Austin. The program is currently in its 15th year, with 130 alumni, many of whom have presented the results of their REU research at national conferences and/or published in peer reviewed journals.

The program is aimed at rising juniors and seniors and open to students who are US citizens in good academic standing. We especially invite applications from members of traditionally underrepresented groups.

Please feel free to download the program flyer and share widely with students who may be interested in this program. Program information, including the online application, can be found on our website.

SULI PROGRAM FOR UNDERGRAD STUDENTS

The Science Undergraduate Laboratory Internship (SULI) program encourages undergraduate students to pursue science, technology, engineering, and mathematics (STEM) careers by providing research experiences at the Department of Energy (DOE) laboratories. Selected students participate as interns appointed at one of 17 participating DOE laboratories/facilities. They perform research, under the guidance of laboratory staff scientists or engineers, on projects supporting the DOE mission.

The SULI program is sponsored and managed by the DOE Office of Science’s, Office of Workforce Development for Teachers and Scientists (WDTS) in collaboration with the DOE laboratories/facilities.

Applications for the SULI program are solicited annually for three separate internship terms. Internship appointments are 10 weeks in duration for the Summer Term (May through August) or 16 weeks in duration for the fall (August through December) and spring (January through May) Terms. Each DOE laboratory/facility offers different research opportunities; not all DOE laboratories/facilities offer internships during the fall and spring Terms.

The link below goes to a summer undergraduate internship opportunity with the US Department of Energy, sent to me by our recent colloquium speaker, Dr. Scott Collis (who is one of the available mentors at nearby Argonne National Laboratory). The application deadline is 12 January 2018.

Please disseminate to any EAPS undergrads you think might be interested. DOE does work involving virtually all sub-disciplines within EAPS (atmospheric science, geology, environmental science, hydrology, etc.). Please direct any questions about the internship directly to SULI, or see their FAQ.

https://science.energy.gov/wdts/suli/

EXPLORATION SCIENCE SUMMER INTERN PROGRAM

Applications are now being accepted for the exploration science summer intern program. The Lunar and Planetary Institute (LPI) is hosting a special summer intern program to involve students in activities that support missions to the Moon that utilize the Orion crew vehicle, the Deep Space Gateway, and robotic assets on the lunar surface. It is a unique opportunity to integrate scientific input with exploration activities in a way that mission architects and spacecraft engineers can use. Activities may involve assessments of landing sites and traverse plans for multiple destinations that are

http://www.eaps.purdue.edu/
responsive to NASA objectives. The LPI invites applications from graduate students in geology, planetary science, and related programs.

The Exploration Science Summer Intern Program builds on the success of the Lunar Exploration Summer Intern Program that was designed to evaluate possible landing sites on the Moon for robotic and human exploration missions. Over a five year period (2008–2012), teams of students worked with LPI science staff and their collaborators to produce A Global Lunar Landing Site Study to Provide the Scientific Context for Exploration of the Moon. The program for 2018 is designed to have the same impact on future exploration activities. This will be a unique team activity that should foster extensive discussions among students and senior science team members.

The 10-week program runs from May 29, 2018, through August 3, 2018. Selected interns will receive a $5,883 stipend, and up to a $1,000 travel expense reimbursement for U.S. citizens, or $1,500 for foreign nationals.

**APPLICATION DEADLINE: January 19, 2018**

Applications are only accepted using the online application form found at the LPI’s Exploration Science Summer Intern website: https://www.lpi.usra.edu/exploration_intern/

For more information, contact: Brittany McNeal
Exploration Science Summer Intern Program
ExplorationIntern@lpi.usra.edu

**SUMMER 2018 @ NASA AIRBORNE STUDENT AIRBORNE RESEARCH PROGRAM (SARP)!**

Applications are open for the summer 2018 @NASAAirborne Student Airborne Research Program (SARP)! It’s a great opportunity for undergrads to experience research on the DC-8!

https://t.co/dzXHR4yh7d
https://t.co/8t3IESatu
https://airbornescience.nasa.gov/nsc/content/National_Suborbital_Research_Center_SARP_2017

Application deadline is Jan. 31, 2018

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**TUTORS NEEDED FOR EAPS COURSES!**

The Purdue University Athletic Department is seeking students to tutor EAPS courses. Tutors are needed for EAPS 104, EAPS 116, and EAPS 120. Tutors must have no lower than a B in the respective course(s). This position is paid! If you are interested, please contact Candace Britten: Tutor Mentor Coordinator @ cbritten@purdue.edu.

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**FOREIGN LANGUAGE PLACEMENT TESTING**

Interested in taking a placement test to determine your foreign language course? The next testing session for the languages we test in the FLPT lab will be on the first two nights of the spring semester, Mon. and Tues. 1/8-1/9. A flyer is attached. Students will be charged a $35 for each placement test starting in the spring 2018 term. The Bursar’s Office will bill students the rate for placement testing after the exam. We will waive the rate for students who are Pell Grant eligible. *Note: you will need a form 231 signed by Alicia before you can take the placement exam*

For more information on placement, credit, and testing in other languages, please see our School of Languages and Cultures’ Placement Page: https://www.cla.purdue.edu/slc/placement/index.html

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**WINTER BREAK**

For students who are planning to stay at Purdue over winter break, please use the following link to get more information about available housing: https://www.housing.purdue.edu/Housing/WinterBreak.html
2018 COLLEGE OF SCIENCE
GRADUATE STUDENT INTERNATIONAL TRAVEL
AWARDS

Deadline: December 1, 2017
2 or 3 awards ranging up to $800 for international Travel will be awarded

Please see attached for more information.

BIRTHDAYS
Paul Shepson Nov. 29
Chris Andronicos Dec. 2

IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well.

Those using paper copies of the newsletter should go to our newsletter archive on the EAPS website at http://www.eaps.purdue.edu/news/newsletters.html and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Fallon McQuem (fmcquem@purdue.edu) by 5:00pm on Thursday of each week for inclusion in the Monday issue.

If it is in the newsletter, we assume you know about it and no other reminders are needed. For answers to common technology questions and the latest updates from the EAPS Technology Support staff, please visit: http://www.eaps.purdue.edu/resources/information_technology/index.htm

Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at http://www.EAPS.purdue.edu/events-calendar.html
You're Invited to the

EAPS HOLIDAY CELEBRATION

Please join us on
Tuesday, December 5
12:00 PM - 1:30 PM
Hampton Hall 2201

RSVP to Fallon McQuern by Nov. 28.
Main dish provided.
Please bring a side or dessert to share.
10th Annual

PURDUE RECEPTION

at the AGU Fall Meeting

Thursday, December 14
7:00 P.M. – 9:30 P.M.

The District
711 Tchoupitoulas Street
New Orleans, LA

Complimentary heavy hors d’oeuvres and beverages

Co-sponsored by:
Department of Earth, Atmospheric, and Planetary Sciences (EAPS)
and
Purdue Climate Change Research Center (PCCRC)
<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Host/Advisor</th>
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<tbody>
<tr>
<td>Aug. 22</td>
<td>Ki-Hong Min, Kyungpook National University</td>
<td>Sun</td>
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<td></td>
<td><strong>Tuesday, 4:00PM, Room 2201/HAMP</strong></td>
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<td>Aug. 24</td>
<td>Roland Stull, University of British Columbia</td>
<td>Tanamachi</td>
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<td>Aug. 31</td>
<td>Tim Cronin, MIT</td>
<td>Chavas</td>
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<td>Sept. 7</td>
<td>Vince Agard, MIT</td>
<td>Chavas</td>
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<td>Sept. 14</td>
<td>Amir Allan, University of Utah</td>
<td>Ridgway</td>
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<td>Sept. 21</td>
<td>Ed Harvey, U.S. National Park Service, Water Resources Division</td>
<td>Frisbee</td>
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<td><strong>Cancelled</strong></td>
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<td>Sept. 28</td>
<td>David Minton, Purdue University</td>
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<td>Oct. 5</td>
<td>Devon Orme, Montana State University</td>
<td>Ridgway</td>
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<td>Oct. 12</td>
<td>Cliff Johnston, Purdue University</td>
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<td>Oct. 19</td>
<td>Chanh Kieu, Indiana University</td>
<td>Chavas</td>
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<td>Oct. 24</td>
<td>Zhou Lyu, PhD candidate</td>
<td>Zhuang</td>
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<td></td>
<td><strong>Tuesday, 4:00PM, Room 2201/HAMP</strong></td>
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<td>Oct. 26</td>
<td>Julie Castillo-Rogerz, Jet Propulsion Laboratory, NASA</td>
<td>Minton</td>
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<td>Oct. 31</td>
<td>Tong Yu, PhD candidate</td>
<td>Zhuang</td>
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<td></td>
<td><strong>Tuesday, 4:00PM, Room 2201/HAMP</strong></td>
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<tr>
<td>Nov. 2</td>
<td>Scott Collis, Argonne National Laboratory</td>
<td>Tanamachi</td>
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<td>Nov. 9</td>
<td>Jack Kaye, Earth Science Division, NASA</td>
<td>Zhuang</td>
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<td>Nov. 16</td>
<td>Xiangdong Zhang, University of Alaska, Fairbanks</td>
<td>Zhuang</td>
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<td>Nov. 30</td>
<td>Rossella Guerrieri, CREAF, Univ. Autònoma de Barcelona</td>
<td>Michalski</td>
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<tr>
<td>Dec. 7</td>
<td>Sarah Feakins, University of Southern California</td>
<td>Welp/Huber</td>
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WEST LAFAYETTE — Twenty-two students from Robyn Embry’s environmental science class at Mitchell High School visited Purdue University in West Lafayette, where they participated in a soils lab. They were joined by students from West Noble High School in Ligonier.

The lab experience took place in the Hampton Hall of Civil Engineering and was sponsored by Steven Smith, the university’s coordinator of earth, atmospheric and planetary science outreach, and by Sarah Nern, chemistry outreach coordinator.

The Advance Placement Fridays program at Purdue is free to any Indiana high school interested in participating. The program was developed to provide Indiana teachers with the time and support needed to conduct suggested AP labs with their students in a guided-inquiry format on a college campus.

WEST LAFAYETTE — Steven Smith speaks to students from Mitchell and West Noble high schools who were attending a soils lab at Purdue University. Smith is the earth, atmospheric and planetary science outreach coordinator at Purdue University. The Mitchell students were from Robyn Embry’s environmental sciences class.
Upcoming CE Projects

2131/2135 Lab Remodel:
- Tentative Start Date = 12/18/17
- Tentative End Date = 6/15/18

Basement/Ground Floor Renovation:
Areas affected by Phase (1): B146 / B150 / B157 / B289
- Movers for Phase (1) = 10/24/017
- Tentative Construction Start Date Phase (1) = 11/6/17
- Tentative Construction End Date Phase (1) = 2/16/18

Areas affected by Phase (2): G146 / G157 / G159 / G277 / Courtyard
- Tentative Date - Movers for Phase (2) = 2/19/18
- Tentative Construction Start Date Phase (2) = 2/26/18
- Tentative Construction End Date Phase (2) = 6/22/18
Assistant Professor of Earth Surface Processes

The Department of Geography at the University of Wisconsin-Madison is recruiting a tenure-track Assistant Professor (tenure-track) with research interests in earth surface processes, including geomorphology, fluvial processes, hydrology, eco-hydrology, and watershed modeling.

The position will begin August 2018. A Ph.D. in Geography, Geosciences, Earth Science, Environmental Science, Ecology or an allied science is required by the time of appointment. The successful applicant will be expected to develop and maintain a vibrant research program in earth system geography, advise students in the department’s graduate programs, and contribute to the undergraduate and graduate curricula. The faculty member will be expected to develop a high-enrollment undergraduate course and contribute to our graduate and professional programs through teaching of an upper-level quantitative skills course in spatial analysis, remote sensing, or process-based modeling. We welcome candidates who can contribute to an inclusive environment, bring new perspectives on mentoring and educating students from diverse backgrounds, implement novel approaches to research, and who value collegiality and collaboration.

The Department of Geography is an interdisciplinary and collaborative community of scholars engaged with the humanities, social sciences, data sciences, natural, and physical sciences and is housed within the College of Liberal Arts and Sciences. For more information on Geography at UW-Madison, see http://www.geography.wisc.edu For additional information, please contact Jacqueline Wild, Department Administrator at wild2@wisc.edu or 608-262-2139.

To apply, visit jobs.wisc.edu. Search for position 92504 and apply on line or go to: http://jobs.hr.wisc.edu/cw/en-us/job/496553/assistant-professor-of-geography

Review of applications will begin January 9, 2018, and continue until the position is filled. Applications must be submitted electronically at LINK and include: 1) a letter of interest, 2) a curriculum vitae, 3) a statement of research interests, 4) a teaching statement, 5) no more than three examples of publications, 6) and the names and contact information of three references. Please submit all material in PDF format. UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

A criminal background check will be conducted prior to hiring.

NOTE: Please indicate in writing if you request that your identity be kept confidential. If you do not indicate your preference to remain confidential, the University may be required to disclose your identity and/or application materials. The identity of finalists and successful candidates will be revealed upon request. See Wis. Stat. sec. 19.36(7).
School of Languages and Cultures

Foreign Language Placement Testing

For French, German, Japanese, Latin, Russian, Spanish, and Spanish for Heritage Speakers

Placement Testing during Spring 2018 Semester:

**January**: Mon., 1/8, Tues. 1/9, 6 PM, SC 231
**April**: Wed. 4/4, Thurs. 4/5, Fri. 4/6, 6 PM SC 231

$35 Purdue Students, $55 non-students

**Students billed by Bursar’s Office after testing**

Contact your advisor for eligibility and permission form

Bring to exam:
Form 231 signed by advisor
Purdue ID

For placement questions in other languages, please visit the SLC website:
https://www.cla.purdue.edu/slc/placement/index.html

Questions: Dr. Jason Baumer, jbaumer@purdue.edu
2018 College of Science Graduate Student International Travel Awards

**Deadline: December 1, 2017**

For travel between January 1, 2018 and June 30, 2018

~ 2 or 3 awards ranging **up to $800** for international travel will be awarded~

**Prerequisites:**

- must be a full-time PhD student within the Department in the College of Science

- must be making an oral or poster presentation at an international conference

**Priority will be given to:**

- travel to make an oral presentation at a conference
- attendance at an interdisciplinary conference
- students who have passed their prelims

**To apply, please send electronically as one file:**

- CV (2 page limit)
- brief summary of research (1 page limit)
- brief statement of purpose for attending conference specifying whether your presentation is oral or poster
- provide web link to conference
- letter of support from research advisor

Send applications to Robin Sipes at rsipes@purdue.edu