EAPS WEEKLY NEWSLETTER

25 Sept. 2017 | EAPS on Facebook | EAPS on Twitter

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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

EAPS Colloquia

David Minton
Purdue University
Thursday, September 28, 2017
3:30 PM
HAMP 1252

EAPS MEETINGS & EVENTS

EAPS Faculty Meetings

October 31, 2017
December 5, 2017
3:00 PM
HAMP 3201

Cos Fall Faculty Meetings

September 26, 2017 (virtual)
November 28, 2017
3:30 PM
LWSN 1142

EAPS Primary Committee Meetings

October 17, 2017
3:00 PM
HAMP 3201
EAPS FACULTY/STAFF RESOURCE FUND

Guidelines:

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, and 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.

TERRY WEST ATTENDS 60TH ANNUAL MEETING OF THE ASSOCIATION OF ENVIRONMENTAL AND ENGINEERING GEOLOGISTS

Terry West attended the 60th annual meeting of the Association of Environmental and Engineering Geologists on September 11 - 16 in Colorado Springs, CO. where he gave the oral presentation “Evaluation of Freeze-Thaw Durability of Concrete Containing Carbonate Aggregates: A Comparison of Test Methods”. It was coauthored by Belayneh Desta, a recent Ph. D. graduate in civil engineering at Purdue. Dr. West also attended a one day field investigation to the Garden of the Gods, Cave of the Winds and Pikes Peak.

PAID POSITION—EXCITING OPPORTUNITY FOR AN EAPS UNDERGRAD STUDENT

MAGIC-DML is an international collaboration aiming to reconstruct the glacial history of the Dronning Maud Land sector of the East Antarctic Ice Sheet. You can find out more about the project at http://www.magicdml.com/about

Social Media outreach is an important component of their project – they are active on facebook, twitter, Instagram, and through our web page. This social media presence has been built by a team including one science student and one communications student working together. Their current students have completed their work, and so they are looking to recruit new members to this team. They are hoping that the science student will be an EAPS major who is interested in learning more about the research and helping to communicate this.

This is a paid position (at $10/hour) with around 5hrs work per week. The hours are very flexible. In the role you will work together with a communication intern – likely a Communications major. Tasks include (but are not limited to) gathering material for blogs and social media updates, writing and editing blog entries and social media content, developing the website material and maintaining a strong presence of MAGIC-DML on social media. The ideal candidate will also bring ideas for new ways in which we can engage with the public about our research.
If you would like to apply for the position please email Jon Harbor (jharbor@purdue.edu) with a resume (including the courses you have taken here at Purdue), an example blog post, and a short account of why you think outreach is important. You can see some of our published blogs at http://www.magicdml.com/ for ideas.

Applications will be accepted starting now, and until the position is filled. So, if you are interested, apply ASAP!

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Registration

Registration is now open! Early registration will be available online until midnight EST 15 December 2017 at a rate of $50. Starting on 16 December, late registration will be available for $75. To register online, please go to https://www.ametsoc.org/meet/atreg/ and select the option corresponding to the 17th Annual AMS Student Conference. On-site registration ($75) may be available if space permits. Attendees must register separately for the 98th AMS Annual Meeting.

Submit an Abstract

Due by: 2 October 2017

They encourage active AMS student members to submit abstracts about a wide range of topics. All accepted abstracts will be scheduled as poster presentations for the Student Conference Poster Session during the evening of Sunday, 7 January 2018. The poster session is a fantastic opportunity for students to showcase their work to peers and potential collaborators. Presenters will also have the opportunity to participate in the 2018 Student Conference Poster Competition.

They welcome abstract submissions about student projects from across the atmospheric and related sciences, and we hope to accommodate all submitted abstracts at the poster session. Guidelines for the AMS Student Conference Poster Session and Poster Competition are available here: https://goo.gl/dFXr7C. Please submit your abstract online by 2 October 2017 (refer to the 17th Annual AMS Student Conference web page) and ensure you have applied for or renewed your AMS student membership prior to submitting your abstract. Authors of accepted presentations will be notified via e-mail by mid-November 2017.

To submit an abstract free of charge, visit https://ams.confex.com/ams/98Annual/oasys.epl and click on “17th Annual Student Conference” by 2 October 2017.

Sponsors and Organizers

The 17th Annual AMS Student Conference is organized by the AMS Student Conference
Planning Committee and is sponsored by the American Meteorological Society.

To keep up to date on AMS Student Conference news, search Facebook for “AMS Student Conference” and Twitter for “@AMSStrudentConf”.

For additional information, please contact the program chairpersons:

- Aryeh Drager, Colorado State University (e-mail: aryeh.drager@colostate.edu)
- Stacey Hitchcock, Colorado State University (e-mail: stacey.hitchcock@colostate.edu)
- Erik Nielsen, Colorado State University (e-mail: erik.nielsen@colostate.edu)

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**OIL COMPANY INTERVIEW DATES:**

**ExxonMobil**

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**ExxonMobil – September 28-29**

Robert Wenger, Jr., Recruiter for ExxonMobil, will be on campus **September 28 and 29** 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. See flyer 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, Robert will also conduct a pre-interview presentation on Wednesday, September 27 at 5:00pm in Room 2201/HAMP. All interested graduates and senior level undergraduates are invited to attend.

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**CHEVRON – OCTOBER 19**

Chevron will be on campus to interview MS and PhD students for internships and full time positions on **October 19th**. Application **deadline** is **Sunday, October 8**. No late applications will be accepted. See attached flyer for additional details on how to apply.

On the night of **Wednesday, October 18th**, Chevron will host an info session beginning at 5:50pm in Room 2201/HAMP. Food/Refreshments will be provided. All students are welcome to attend.

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**PURDUE LIBRARIES TO HOST GIS DEVELOPMENT CONTEST**

Purdue University recently was designated as an Esri Development Center program by Esri, the developer of the ArcGIS (Geographic Information System) mapping and spatial analytics software. The program provides special status and benefits “to a select few leading university departments that challenge their students to develop innovative applications based upon the ArcGIS platform.”

In conjunction with the announcement, Purdue Libraries will sponsor the EDC GIS Development Contest, where students participating in the
program will have the opportunity to compete for Purdue’s EDC Student of the Year award.

The winner will have the chance to be internationally recognized at the annual Esri Developer Summit. All Purdue students are eligible to participate in the EDC Program and GIS contest, and the winner will be announced on Purdue Libraries’ annual GIS Day event, which is set for Nov. 9 in Stewart Center, Room 214, says Nicole Kong, assistant professor and GIS specialist in Purdue Libraries.

More information about the EDC Student of the Year Award Contest will be forthcoming. For more information, contact Kong at 765-496-9474 or at kongn@purdue.edu.

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**DISCOVERY PARK CONFERENCE ON CONVERGENCE AND THE FUTURE OF RESEARCH**

**October 6, 2017**

1:00-6:00 PM

Please visit: [https://goo.gl/JGf7BA](https://goo.gl/JGf7BA)

See attached flier for more details

**REMINDER: REPORTABLE OUTSIDE ACTIVITIES AND CONFLICT OF INTEREST REPORT**

Faculty and staff are reminded that they are required to report outside activities and financial conflicts of interest in accordance with University policy. The policies on Conflicts of Commitment and Reportable Outside Activities (III.B.1) and Individual Financial Conflicts of Interest (III.B.2) are available on the University Policies website.

All exempt faculty and staff, whether part-time or full-time, are required to report and obtain approval before they engage in any Reportable Outside Activities. In some situations, members of the clerical and service staff must also report outside activities. At the beginning of each fiscal year, employees also must report all activities in which they continue to participate, even if previous approval was granted. If an individual completed a form for activities in the 2016-17 fiscal year, that information will prepopulate the 2017-18 disclosure form and may be revised as necessary.

For more information, please visit:

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
Aug. 22    Ki-Hong Min, Kyungpook National University               Host: Sun
            Tuesday, 4:00PM, Room 2201/HAMP

Aug. 24    Roland Stull, University of British Columbia             Host: Tanamachi

Aug. 31    Tim Cronin, MIT                                          Host: Chavas

Sept. 7    Vince Agard, MIT                                         Host: Chavas

Sept. 14   Amir Allan, University of Utah                           Host: Ridgway

Sept. 21   Ed Harvey, U.S. National Park Service, Water Resources Division
            Held in WALC, Room 2087

Sept. 28   Shad O’Neel, USGS                                         Host: Elliott

Oct. 5     Devon Orme, University of Nevada, Las Vegas             Host: Ridgway

Oct. 12    Cliff Johnston, Purdue University                        

Oct. 19    Chanh Kieu, Indiana University                           Host: Chavas

Oct. 24    Zhou Lyu, PhD candidate                                   Advisor: Zhuang
            Tuesday, 4:00PM, Room 2201/HAMP

Oct. 26    Julie Castillo-Rogez, Jet Propulsion Laboratory, NASA    Host: Minton

Oct. 31    Tong Yu, PhD candidate                                    Advisor: Zhuang
            Tuesday, 4:00PM, Room 2201/HAMP

Nov. 2     Scott Collis, Argonne National Laboratory                 Host: Tanamachi

Nov. 9     Jack Kaye, Earth Science Division, NASA                   Host: Zhuang

Nov. 16    Xiangdong Zhang, University of Alaska, Fairbanks         Host: Zhuang

Nov. 30    Rossella Guerrieri, CREAF, Univ. Autònoma de Barcelona   Host: Michalski

Dec. 7     Sarah Feakins, University of Southern California           Host: Welp/Huber
An Overview of the Minton Planetary Systems and Surfaces Group

David Minton
Purdue University

The Minton Planetary Systems and Surfaces group has been an active research group within the EAPS department. Here I will discuss some of the major results of our group over the last six years. This talk is in two parts:

Part 1: Accomplishments of the Minton Planetary Systems and Surfaces group. Undergraduate, graduate, and postdoctoral researchers who have been a part of my group have all contributed to our understanding of the origin and evolution of planetary systems. I will highlight my favorite results from these studies, including the reinterpretation of the Apollo lunar sample record, the cyclic nature of the martian satellite system, the origin of the enigmatic Q-type asteroids, the development of unique analytical models for understanding crater counting, and more.

Part 2: Current and future research directions of the Minton Planetary Systems and Surfaces group. Here I will discuss some of the open questions and problems that I and members of my research group are interested in. These include understanding the consequences of a giant impact in the early history of Mars, understanding the late heavy bombardment of the early solar system. I will also talk about my participation in a study to design a small Purdue-led spacecraft mission to study the moons of Mars.

Thursday, September 28, 2017
3:30 p.m.
Room 1252 HAMP

Refreshments at 3:00 pm
Room 2201/HAMP
Earth Science Careers

Earth Science Careers Info Session:
5:50 – 7:30 pm, Wednesday, October 18th 2017
Room 2201/HAMP - Open to all students!
Food / Refreshments provided

Job interviews:
Thursday, October 19th 2017

To apply for an interview:
- Candidates must be enrolled in a M.S. or Ph.D. program
- To be considered for internship and for full time positions at Chevron, you must complete a profile AND application on one of our website through the links below. If you have already created a candidate profile, please update your information to include your most recent education & GPA. Be sure your most recent transcript is uploaded under the “Additional Documents” field in the profile. To verify your application has been submitted, click on the Job Management tab
  - [https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=241429&company=chevron&username=&st=0ACF648DF1B64BB635C2F76CC837156E0ED5D712](https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=241429&company=chevron&username=&st=0ACF648DF1B64BB635C2F76CC837156E0ED5D712) (FT)
- Complete the application by **Sunday, Oct. 8th 2017**

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