Dear Earth & Mineral Sciences (EMS) Undergraduate Student, lots of items in this week’s newsletter. To make things easier I have created a calendar to help you organize. (not all items are listed so if you have something to add please let me know)

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ACADEMICS

DISCOVER-U EVENT FRIDAY, NOVEMBER 8 IN THE HUB

We would like undergraduates (specifically those thinking about research or graduate school, or those who enjoy inspirational ideas) and grad students to attend the event and fill the room. Light refreshments will be served. Please note that WPSU will be streaming the event ‘live’ and recording the talks. Final video products will be available online after the event. (see attached flyer at the end of these announcements)

- Website: http://science.psu.edu/outreach/discovery-u
- Livestream URL: www.discoveryu.psu.edu
- RSVP (encouraged): https://pennstate.qualtrics.com/SE/?SID=SV_1Op0mME4Cla4QjX
ACADEMICS (CONTINUED)

WHAT IS COLLEGE FOR?
Andrew Delbanco, Mendelson Family Chair of American Studies and Julian Clarence Levi Professor in the Humanities at Columbia University

Date: Wednesday, October 30, 2013  Time(s): 6:30 - 7:30 p.m.
Location: Foster Auditorium, 102 Paterno Library, University Park and via Media Site Live

http://www.schreyerinstitute.psu.edu/events?id=10639

2014 GRUNDY HAVEN STUDENT PAPER COMPETITION

Do you want to earn $1,000, to get published, and to have something impressive to put on your résumé??

Then, you want to enter the Grundy Haven Paper Competition!

Each year our college fosters excellence in writing by sponsoring this competition that gives you a chance to adapt a paper you’ve written for an academic setting, or perhaps a professor or from a conference—or maybe one that you began from scratch just because you were interested in the topic—to a nontechnical audience.

You can find out more at http://www.ems.psu.edu/current_undergrad_students/grundy_haven

Make sure to check out the winning papers from the past 4 years too. Then make an appointment with our Giles Writer-in-Residence, Del Bright (kdb9@psu.edu) to get you on your way!

EMS POSTER EXHIBITION

Here’s an opportunity to get YOU get some CASH this fall, build your résumé, and improve your communication skills! The Ryan Family Student Center is sponsoring the second EMS Undergraduate Poster Exhibition designed to help you accomplish the following specific goals:

- Learn how to summarize information and present it in a visually attractive manner;
- Gain more sophistication in your presentation skills by concisely and accurately explaining and defending your work;
- Demonstrate poise and mental agility before faculty and peers;
- Discuss your educational growth and maximize your networking opportunities;
- Become better prepared to participate in the spring University-wide Undergraduate Exhibition and develop a more complete EMSAGE application.

Don’t think this opportunity is only for those doing laboratory research. We encourage all EMS students to participate, not only those who are collecting data. Experiential learning, creative activity, capstone projects, travel experiences, and any educational experience relevant to the study of Earth and Mineral Sciences may serve as the subject of a poster. What you did this summer might provide just what you need to enter this poster competition.

Want to know more? Go to our EMS website: http://www.ems.psu.edu/ugposterexhibit
CADEMICS (CONTINUED)

CAUSE 2014 – RIDGE TO REEF: TERRESTRIAL EFFECTS ON THE NEAR SHORE MARINE REALM

What: Humanity directs numerous insults on the marine realm but the near-shore marine environment is particularly vulnerable to human activities on land, such as changing land use, increased nutrient inputs and degraded water quality, increased sedimentation and refuse disposal, the introduction of invasive species, to name a few. These local to regional impacts are superimposed on a background of hemispheric to global scale stressors related to rising sea level, higher frequency of tropical storms, higher sea surface temperatures, and increasing ocean acidification. Combined, these challenge sustainability of near-shore marine environments that provide environmental, social and economic benefits to the resident human population.

When: Spring (2 credits), Summer (10 day field trip-1 credit) and Fall (3 credits). Students will register for EM SC 470W.

Where: The field program will take place in the Caribbean, exact location to be determined. The selected island will offer the potential to explore a range of terrestrial and marine environments with both relatively pristine and degraded land— and seascapes. The islands being considered have all experienced substantial population growth—increasing stress on near-shore marine environments. The College of Earth and Mineral Sciences is subsidizing the course, but there will be an additional cost for the international travel of approx. $1800.00

Who: The Field program will involve land—based studies as well as SCUBA diving for coral reef surveys. The class will be open to non—divers, who will have the opportunity to obtain open water scuba diver certification if they choose to. However, diving will not be required. Any diving that does occur will be under the auspices of the Penn State Science Diving Program, and all divers must abide by the Science Diving standards and requirements.

Instructors: Lee Kump (Geosciences) lrk4@psu.edu; Robert Crane (Geography) rqc3@psu.edu; Tim White (Earth and Environmental Systems Institute) tswhite@eesi.psu.edu

VISIT THE WEB SITE TO DOWNLOAD THE APPLICATION FILE: http://www.ems.psu.edu/CAUSE

GRE PREPARATION COURSE

If you are considering graduate school, Penn State-UP’s Office of Career Services will be offering its popular (and low-cost) GRE preparation course again on the weekend of November 9-10, 2013 (mark your calendars early). Registration will be available on-line at https://psu-csm.symplicity.com/events/YohoGRECourses See attached flyer

STUDENT COUNCIL / THON

NEXT MEETINGS

- EMS Student Council - Wednesday October 30TH, at 6:00 PM in 22 Deike Building
- EMS THON – Wednesday, November 6, at 6:00 PM in 112 Walker Building
R AND K FUNDRAISER
The student council will be selling subs, pretzels sandwiches, and frozen pizza! Get your subs and pretzel sandwiches for a work day lunch and store the pizza for a late night dinner! We'll be taking orders until November 7th and they'll be ready for pickup in the Deike building at noon on Friday, November 15th. Visit http://randksubs.com/products to view all products available. Please send your orders and any questions you may have to dws5270@psu.edu. We will have additional information next week so watch for order forms soon.

EMS BLOOD DRIVE
The College of Earth and Mineral Sciences Student Council will be hosting a blood drive at the Hintz Alumni Center on Wednesday November 6th from 10am to 4pm. The blood drive is part of the PSU-MSU challenge, which we lost in a close race last year. The month long challenge pits the two Big Ten universities against each other. The organization with the highest percent of members donating wins a trophy, which I think would look great in the Ryan Family Student Center! Giving blood takes around an hour, and can help save 3 persons' lives. Food (pizza) and refreshments will be served, so please come help this worthwhile cause.
To schedule an appointment visit:
http://www.redcrossblood.org/make-donation-sponsor. Enter "psu" as the sponsor code and look for the drive on November 6th in the Hintz Family Alumni Center.

EMS RELAY FOR LIFE AND THON PIZZA SALES:
- Upcoming EMS THON Pizza sales: November 6; November 20; December 4; January 15; January 29; February 12
- Upcoming EMS Relay Pizza sales: November 13; December 11; January 22; February 5

IDONATE
Do you have any old cell phones, cameras, or mp3 players that you no longer use? Donate them to help benefit THON! The electronics do not have to be in working condition. The list of accepted items includes cell phone chargers and accessories, laptops, e-readers, handheld game systems, and portable hard drives. Every donation brings us one step closer to curing pediatric cancer! If interested please email EMSFundraising@psu.edu.

CANNING WEEKEND UPDATES
THANK YOU to everyone that helped us raise $17, 973.04 FTK!! Our second canning weekend was a great success!
That being said….Canning Weekend 3 is right around the corner (11/8 - 11/10)! Be sure to email emscanning@psu.edu to sign up. Remember, this is your last chance to can with EMS and you don't want to miss this incredible bonding experience! If you decide to can with your committee instead, remember you can still credit your money to EMS!
STUDENT COUNCIL / THON (CONTINUED)

We had a very safe and successful 1st canning weekend with 59 canners raising a total of $17,065.93
Yet another very safe and successful 2nd canning weekend with 52 canners raising a total of $17,973.04
For a grand total of $35,038.97 (canning only)

DONORS PLAY, EARN $1 FOR EMS EVERY WEEK:
Help the EMS Student Council and EMS Benefitting THON raise money by using your smartphone and follow these seven steps. There is no charge to you and this can be done every week! Thank you for your help!

- **Step 1:** Text “earth” to 650-319-7142.
- **Step 2:** Click link in the text.
- **Step 3:** Download the Donorsplay app.
- **Step 4:** Open Donorsplay.
- **Step 5:** Enter “earth” as our code.
- **Step 6:** Download test app (game).
- **Step 7:** Open test app and play it or leave it open for 5 minutes.

CLUB MEETINGS

Nothing reported at press time.

CAREERS, JOBS, INTERNSHIPS, ETC.

WRITING TUTOR DROP IN (RESUMES, POSTERS ETC.)

Need some help applying for jobs, internships or graduate school? Bring your resume draft and any questions to the drop-in resume workshop from 9-3:30 on Monday, November 4th AND Tuesday November 5th in the RFSC.

Please contact the EMS graduate writing tutor, Ellen Chamberlin, with any questions: epc127@psu.edu

PENN STATE TECH TUTORS HIRING STUDENTS FOR THE SPRING 2014

Tech Tutors work roughly eight hours a week and are paid hourly. We are looking for students who have good technology skills, but more importantly who are good communicators, enjoy working with people, and have patience in teaching situations. When hired, we will train the Tech Tutors on all of the technology skills they need to know in order to be prepared to tutor on different software topics. In order to apply, students must fill out a short form and upload their cover letters and resumes here: [https://pennstate.qualtrics.com/SE/?SID=SV_e4WY4xuC59g5X0N](https://pennstate.qualtrics.com/SE/?SID=SV_e4WY4xuC59g5X0N).
CAREERS, JOBS, INTERNSHIPS, ETC. (CONTINUED)

DEPARTMENT OF ENERGY (DOE) SCHOLARS PROGRAM ACCEPTING APPLICATIONS FOR SUMMER 2014

The DOE Scholars Program offers unique opportunities that introduce students or post-graduates to the agency’s mission and operations. Participants in the DOE Scholars Program gain a competitive edge as they apply their education, talent and skills in a variety of scientific research settings within the DOE complex. Appointments are available in a variety of disciplines at participating DOE facilities nationwide. Being selected as a DOE Scholar offers the following benefits:

- Career possibilities with the nation’s leading sponsor for scientific research
- Opportunities to learn from top scientists and subject matter experts
- Stipends of up to $650 per week (depending on academic status)
- Travel arrangements to and from appointment site

Applicants must be US Citizens and undergraduates, graduates or post-graduates of an accredited college or university. The program is open to majors in: Engineering; Physical Sciences; Environmental Sciences; Computer Science and Information Technology; Physics; Business; Policy; Program Management; Mathematics; Statistics; Safety and Health; Accounting and Finance; Law; Communications; and other related areas.

Want to learn more about the DOE Scholars program? E-mail doescholars@orise.orau.gov or visit http://orise.orau.gov/doescholars. re the Possibilities!

WANTED: NOMINATIONS FOR THE 2014 ORIENTATION TEAM

The Office for Student Orientation and Transition Programs is looking for dedicated, enthusiastic, resourceful, and motivated students to join its 2014 Orientation Team (OTeam). Members of the OTeam will serve as group facilitators, resource persons, role models, and ambassadors for Penn State. We are asking for your help to identify qualified candidates to serve on the 2014 OTeam.

The OTeam will staff two-day, overnight orientation sessions from May through August. As representatives of Penn State University, their work will focus on providing a quality transitional experience for all incoming first-year students. The team members facilitate this transition into college by providing an introduction to the campus and its resources, leading conversations about the transition from high school to college, and acting as a representative of the Pennsylvania State University. Team members must be able to be flexible while working in a demanding, fast-paced environment and are expected to actively engage with students and families while providing a welcoming environment to make each New Student Orientation program a success.

To be eligible for the position, a student must have attained at least 24 credits by the end of the spring 2014 semester and have a 2.5 overall grade point average. Students who are hired as a member of the OTeam will average approximately 36 hours per week throughout the program.

Applications are available online beginning Monday, October 28, 2013 at orientation.psu.edu/employment. All application materials are due on Friday, November 8, 2013 by 4:00pm. More information about the application process is available online at orientation.psu.edu/employment.
CAREERS, JOBS, INTERNSHIPS, ETC. (CONTINUED)

If you know any students who would be good candidates, please visit this form to submit your nomination: http://goo.gl/taS7CR. We will contact each student that is nominated and encourage them to apply to be a member of the 2014 OTeam.

If you advise a student group, or have access to a listserv that would benefit from receiving information about the 2014 OTeam, please share the attached document with them. I’m happy to answer any questions you may have.

EMS UNDERGRADUATE-GRADUATE MEET-AND-GREET: CHOOSING BETWEEN GRADUATE SCHOOL AND CAREERS

Come meet EMS graduate students and get free dinner at our first annual undergrad-grad student meet and greet! We’ll be discussing life after undergrad, and whether graduate school or careers are the right fit for you. There will be graduate students from each department within EMS that have career and school experience!

Pizza and drinks provided!
Tuesday, October 29th from 6-7 p.m. Room 10 Deike Building
For more information, contact EMS Graduate Writing Tutor Ellen Chamberlin at epc127@psu.edu

SCHOLARSHIPS

Nothing reported at press time.

ADDITIONAL INFORMATION / FUN

ICE CREAM SOCIAL – THURSDAY OCTOBER 31

The office of EMS Educational Equity will be sponsoring an Ice Cream Social on October 31 from 2:00 – 4:00 pm in the Ryan Family Student Center. Mark your calendars now!

IRVIN HALL HALLOWEEN CELEBRATION

The owner of Vamos! Lion Chariot, who is also an EMS alum would like to offer haunted buggy rides during our trick-or-treating event at Irvin. An added fun event for the families, I’ve linked the pictures he sent me from past haunted rides as well. Todd will swing by around 5-5:15pm. There won’t be a set price for these rides but donations would be appreciated and a portion of the proceeds will be going to either EMS Student Council or EMS THON.

https://www.facebook.com/media/set/?set=a.521599531269214.1073741910.270688379693665&type=1

Irvin Hall’s Halloween Celebration: Sunday, October 27th

- Pumpkin Carving -- 4-5pm
- Trick-or-Treating -- 5-7pm
- The State College Halloween Parade begins at 7:00 pm

Questions please contact Austine Decker fad5044@psu.edu
Our hours are 8:00AM to 8:00PM Monday - Thursday, 8:00AM - 5:00PM on Friday.
Sign up!

Your EMS Student Center Staff: Jeff, Stacy, James, Liz, Tim, Del, Martha, Nels, Linda (Dillon and Jeff our work study students)
The DOE Scholars Program introduces students or recent college graduates to DOE's mission and operations. As a participant in the DOE Scholars Program, you will have a competitive edge for familiarizing yourself with DOE functions while showcasing your education, talent, and skills.

**Disciplines:** Engineering; physical sciences; environmental sciences; computer science and information technology; physics; business; policy; program management; mathematics; statistics; safety and health; accounting and finance; law; communications; and other related areas.

**Eligibility:** U.S. Citizens Only. Undergraduate, graduate or post-graduate of an accredited institute of higher education.

**Locations:** Various locations across the U.S.

**Duration:** Summer Term of 10 weeks (May - August); terms may be extended.

**Deadline:** Applications accepted October 14, 2013 through January 12, 2014.

**Benefits:** Stipends up to $650 per week depending on academic status. Travel to and from the appointment site will be paid when the distance is over 60 miles one-way.

Learn more and apply now at [DOE Scholars](http://orise.orau.gov/doescholars).
A Showcase of Inspiring Science and Engineering Faculty
Where Genius Meets Imagination

Friday, November 8, 2013
10:00 a.m. - 3:45 p.m. | HUB Auditorium

Open and FREE to All Students!
First 25 Students At Each Session Receive T-Shirt!

Livestream: www.discoveryu.psu.edu
RSVP to Event: www.goo.gl/397v1z
More Info At: http://science.psu.edu/outreach/discovery-u