

April 28, 2014

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EAPS MEETINGS

Tuesday, April 29, 8:00 am – 5:00 pm, HAMP 3201
EAPS Alumni Advisory Board Meeting

EAPS PUBLICATIONS

Torres-Valcárcel, A., Harbor, J., Gonzalez-Aviles, C.,
Torres-Valcárcel, A., 2014, Impacts of urban development
on precipitation in the tropical maritime climate of Puerto
Rico. *Climate*, 2, 47-77.

SPECIAL EVENTS

**Monday, April 28, 5:30 pm, Ross-Ade Pavilion,
Buchanan Club**

2014 EAPS Annual Awards Program: Reception, Dinner,
and Awards Presentation

**Tuesday, April 29, 11:45 am, El Aguila Display, Second
floor of Hampton**

Formal dedication of the El Aguila Gold Mine Display. All are
welcome to attend this special event.

Tuesday, April 29, 12:15 pm, HAMP 2201

EAPS Faculty lunch with the Alumni Advisory Board

**Tuesday, April 29, 7:00 pm, Mackey Arena,
Spurgeon Room**

EAPS Alumni/Student Networking Event. All EAPS students
are welcome to attend, including undergraduate and
graduate students. Business casual attire, heavy hors
d'oeuvres will be served.

Wednesday, April 30, All Day, Campus-wide
[Purdue Day of Giving](#)

EAPS NEWS

PROFESSOR HARBOR NAMED AMERICAN COUNCIL ON EDUCATION FELLOW

Dr. Harbor was chosen as one of 31 fellows selected
nationwide this year by the American Council on Education
(ACE). Many congratulations, Dr. Harbor! [Read more here.](#)

EAPS WISP END OF SEMESTER GATHERING

EAPS WISP (Women In Science Program) organized the
end of semester event "Team Building through Group
Cooking" at the demonstration kitchen within the Purdue co-
rec. We enjoyed the interactive cooking experiences and a
delicious meal through the event.



DATA-INTENSIVE COMPUTING WORKSHOP OFFERED FOR STUDENTS, POST-DOCS, FACULTY, STAFF

Purdue will host a no-fee virtual summer school on data-
intensive computing June 30 – July 2. The three-day
workshop is for students, post-doctoral researchers, faculty
and research staff looking to gain skills in managing,
processing, and gaining insight from large amounts of data.

The sessions are designed for participants from almost
any field who deal with large collections of data, including
researchers from the physical, biological, economic, and
social sciences as well as engineering.

For more information: <http://goo.gl/ibXtGi>

For questions: rcac-help@purdue.edu

CAMPUS NEWS

APPLICATIONS SOUGHT FOR NEXT IMPACT COHORT

The IMPACT program is now taking applications for the fall
2014 cohort, and applications are due by 5 p.m. May 9. The
application link and information about the program are
available at www.purdue.edu/impact.

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PURDUE DAY OF GIVING

This Wednesday (April 30), we can participate in matching challenges that will make gifts go even further. Some of these challenges will include: most creative tweet using Hashtag (#PurdueDayOfGiving), most unique photo using the Purdue Day of Giving Logo, most alumni donors from the last decade (2003-2013), most parent donors, and many more!

Visit the website and help share the message of [Purdue Day of Giving!](#) Make sure to hashtag #PurdueDayofGiving

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DRIVING GLOBAL SUCCESS THROUGH ENVIRONMENTAL SUSTAINABILITY

Cummins Chairman and CEO, Tom Linebarger, will discuss how environmental sustainability is critical to the company's long-term success.

Friday, May 2, 1:30-2:30 p.m., Pfendler Hall

[Click here](#) for more event info.

[Click here](#) to register now.

POSTDOCS AND GRADUATE STUDENTS

ENERGY GRAD STUDENT POSTER COMPETITION AT MIT

The MIT Energy Initiative is seeking posters from graduate students working in any discipline who are engaged in research that addresses clean energy policies, tools, or technologies that cities could be or are employing.

This is a national competition. Finalists will be invited to present their work at the 2014 Clean Energy Education and Empowerment (C3E) Women in Clean Energy Symposium, *Urban Strategies for a New Energy Future*, on September 16-17 at MIT in Cambridge, MA. The symposium is a tremendous opportunity for networking and the competition will have two winners, one with a technology focus and one with a policy focus. Each winner will receive a \$2,500 award.

The deadline for applications to submit a poster for consideration is **June 1**. Find more details attached, below.

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NSF/NOAA VISITING SCIENTIST OPPORTUNITY

The Division of Atmospheric and Geospace Sciences is pleased to announce an opportunity that would support extended visits by AGS-supported investigators and their research groups, including students and post-doctoral researchers to NOAA's NCEP to advance their NSF-supported research by working closely with environmental scientists at NOAA's NCEP and having access to a wealth of real-time and archived datasets and computational facilities.

Link to DCL:

<http://www.nsf.gov/pubs/2013/nsf13117/nsf13117.jsp?org=AGS>

Link to NCEP's areas of interest/focus:

<http://www.ncep.noaa.gov/vsp/>

Visit the links for more information. Also, a flow chart describing the process for PI's interested in participating in this opportunity is attached below.

A NOTE FROM OUR ACADEMIC COUNSELOR

NASA DRIVEN TO EXPLORE

Officials from NASA and the nonprofit entity that manages the International Space Station's U.S. National Laboratory will visit Purdue University on April 30 to meet with faculty and students.

Marshall Porterfield, director of Space Life and Physical Sciences at NASA headquarters, will give a public talk at 10 a.m. in Pfendler Hall, Room 241. Porterfield, on leave as a Purdue professor of agricultural and biological engineering and horticulture and landscape architecture, will talk about "Biological Engineering Challenges in Supporting Human Exploration Beyond Low Earth Orbit." A question-and-answer session will follow.

Life and work aboard the space station are highlighted in a NASA mobile exhibit that will be on display from 10 a.m. to 4 p.m. on the Purdue Mall near the Materials and Electrical Engineering Building. The display provides information about the International Space Station's research and resulting benefits to humanity, potential future human space missions and long-duration space travel. The exhibit also includes a 4-billion-year-old moon rock - one of only eight in the world that visitors can touch - brought back aboard Apollo 17 in 1972.

May Birthdays

Jon Harbor – May 5th

William Zinsmeister – May 6th

Dan Shepardson – May 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>.



2014 C3E Women in Clean Energy Symposium: *Urban Strategies for a New Energy Future*

As the national and international community works to advance clean energy solutions in the face of global climate change, states and local governments are becoming incubators of new ideas – demonstrating best practices to support systematic change. Their leadership comes as they intimately feel the effects of climate change, cope with urbanization and a mass of new people in their cities, and account for an increasing share of the world’s energy consumption.

What innovative approaches are being explored in cities around the country and around the world? The symposium will be an opportunity for game-changing women to come together and discuss the road ahead for cities and clean energy.

C3E organizers welcome students to enter into a research poster competition. Submitted posters should focus on clean energy policies, tools, or technologies that cities could be or are employing. Posters will be judged in two broad categories: technology solutions and policy solutions. Finalists must attend the 2014 Women in Clean Energy Symposium: *Urban Strategies for a New Energy Future* on September 16th and 17th, 2014 in Cambridge, MA, where two winners will be chosen – one from each category.

Apply if you are: A female graduate student engaged in research in any department that addresses this theme.

The Prize: Finalists will be invited to attend the Symposium with expenses paid. This symposium is an excellent opportunity for networking, and two winners will each receive **\$2,500**. Deadline to apply is June 1st. Find out more, and submit your work at C3Eawards.org.

The C3E Symposium: The goal of the Symposium is to provide women in clean energy with a range of perspectives, analysis, and data on clean energy challenges and opportunities. It also provides a unique forum for networking. It is our hope that it will help build a sustained national and international community of professionals dedicated to advancing the careers and goals of women in clean energy.

Other C3E Awards: As part of the U.S. C3E program, MITEI also invites nomination for mid-career women for outstanding work in clean energy for an **\$8,000 award in one of eight categories**. The deadline to nominate an awardee is midnight on May 15, 2014. Nominate an awardee at C3Eawards.org.

Questions? Please contact C3Eawards@mit.edu for questions related to the Awards Program, the poster competition, or the C3E Symposium.

Visiting Scientist Opportunity – Supplement Request Process

NSF

- PI looks at NOAA spreadsheet for focus areas relevant to their grant
- Contacts their cognizant program director to discuss intent
- If agreed, PI makes contact with the NCEP POC

NCEP

- NCEP POC and PI discuss compatibility and logistics.
- If agreed, PI writes draft supplemental request to submit to NCEP.
- NCEP POC gets Center Director approval and provides letter of intent to collaborate
- If approved by Center Director, PI submits supplemental request and NCEP POC letter of intent to collaborate to NSF

- NSF program director makes recommendation to support or decline request
- If approved, notification sent to NCEP by cognizant NSF program director.

VSO Begins!!