

EAPS WEEKLY NEWSLETTER

12 Mar. 2018 | [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://issuu.com/purdueuniversityeaps/docs/inside_eaps_edition_9_f17_final

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

[Facebook](#)

[Twitter](#)

[Department Magazine](#)

[Website News](#)

MS DEFENSES

Patrick Saunders

March 27, 2018

9:00 AM

HAMP 4173

Earth Atmospheric Planetary Sciences



EAPS MEETINGS & EVENTS

EAPS FACULTY MEETINGS

Mar. 27, 2018

3:00-4:30 PM

HAMP 3201

CoS FACULTY MEETINGS

April 17, 2018

3:30-4:30 PM

TBD

EAPS PRIMARY COMMITTEE MEETING

Apr. 3, 2018

3:00-5:00 PM

HAMP 3201

EAPS AWARDS BANQUET

Apr. 23, 2018

5:30 - 9:00 PM

Buchanon Club, Ross-Ade Pavilion

EAPS ALUMNI ADVISORY BOARD MEETING

Apr. 24, 2018

8:30 AM - 4:30 PM

HAMP 2201

Jessica Bozell
March 28, 2018
3:00PM
HAMP 2117

Kevin Burris
March 29, 2018
8:00 AM
HAMP 2107

Allison Lafleur
March 29, 2018
3:00PM
HAMP 4173

Daniel Dietz
March 30, 2018
9:30AM
HAMP 4173

Mariah Romero
March 30, 2018
12:15 pm
HAMP 2244

Mert Sinan Recep Kiraz
April 9, 2018
11:00AM
HAMP 2201

DREW FEUSTEL SPACE LAUNCH VIEWING PARTY

March 21, 2018
12:30-2:30 PM
(1:44 PM LAUNCH)
LAWSON COMONS



Join us as we watch Purdue astronaut Andrew (Drew) Feustel (BS '89, MS '91), an alumnus of the Department of Earth, Atmospheric, and Planetary Sciences, launch to the International Space Station for NASA Expedition 55. View the NASA live stream, enjoy space-themed snacks, and take selfies with a life-size cutout of Drew.

COLLEGE OF SCIENCE 2018 FACULTY/STAFF AWARDS

Congratulations to Michael Baldwin (not pictured), Ken Ridgway, Dan Chavas, Steve Smith (not pictured), Logan Judy, Fallon McQuern, and Tomas Ratkus for receiving awards at the 2018 Faculty & Staff Awards Luncheon on **March 1, 2018**.



STUDENT NEWS

REGISTRATION APPOINTMENTS

As a reminder – Please log into Boiler Connect to make a registration appointment for fall 2018 courses.

~SAVE THE DATE~ LAVENDER GRADUATION

April 19, 2018
7:00-9:00 PM
PMU Faculty Lounges

See attached flier for more details!

ASSISTANT PROFESSOR - GEOSPATIAL / REMOTE SENSING ENGINEERING

The State University of New York College of Environmental Science and Forestry (SUNY ESF) in Syracuse, NY, invites applications for an academic-year, tenure-track position at the rank of Assistant Professor in the Department of Environmental Resources Engineering (ERE). The Department seeks applicants to meet teaching and research needs in the area of geospatial engineering with a focus on remote sensing. The position is open to applicants

with interdisciplinary backgrounds (e.g. energy, environmental engineering, geography) who possess strong training and expertise in remote sensing and geospatial analysis (e.g. data acquisition and assimilation, data quality, sensor calibration, classification/regression algorithmic development). Candidates with expertise in terrestrial, atmospheric, oceanic or polar remote sensing are encouraged to apply. Applicants must possess advanced skills, knowledge and background to teach courses in both the ERE graduate and the ABET-accredited undergraduate programs. This position will require the ability to work in a collegial manner with a diverse faculty, staff and student body. We are particularly interested in candidates with a commitment to diversity and inclusiveness. For a detailed position description and to apply please visit our website: <http://www.esf.edu/hr>.

WRMA

WATHER RISK MANAGEMENT ASSOCIATION

Undergraduate and graduate students are invited to participate in the 2nd Annual Economics of Weather/Climate Conference by submitting a brief abstract on a topic related to the intersection of atmospheric science and the economic continuum.

Scholarship Opportunity

All accepted abstracts: All students with accepted abstracts will receive complimentary registration to the 20th Annual WRMA Meeting in Miami, Florida. Participation will be in the form of a poster session during the Annual Meeting Welcome Reception (June 6th). The poster session will provide a forum for students to interact and network with leaders in the weather risk management field, potentially creating new career opportunities.

Selected scholarship recipients: The WRMA Program Committee will provide four student scholarships. Scholarship recipients will receive a travel stipend (airfare within the continental US and hotel accommodations during the dates of the meeting)

and the opportunity to present their research during a special conference session on **June 7th**.

DEADLINE EXTENDED

Please submit your abstract by **March 23, 2018** and ensure your associated university has renewed or applied for WRMA membership before submitting. Applicants will receive an acceptance decision email by no later than **April 2, 2018**.

How to Participate

For a copy of the Call for Abstracts and more information, please visit WRMA's website: <https://wrma.org/students/>

To participate in this program, students must attend a WRMA member university. Universities that are currently participatory members of WRMA include Millersville University, Pennsylvania State University, Purdue University, Rutgers University, the University of Oklahoma, and ESSCA Ecole de Management.

Universities interested in getting involved with WRMA are welcome to join the Association to participate in this and other initiatives and events. Membership details and an application are available on WRMA's website: <http://wrma.org/membership/>.

About WRMA

WRMA's mission is to enhance public awareness and understanding of the weather risk environment, promote the management of weather risk, and provide a platform for market participants to engage in the growth of the industry through market, policy and regulatory developments. For more information on WRMA activities, programs, and initiatives, please visit us at www.wrma.org.

CALLING ALL GRADUATE STUDENTS AND EARLY CAREER SCIENTISTS!

The second ARM Summer Training and Science Applications event on observations and modeling of clouds and precipitation will take place **July 14**

to **21, 2018**. The training will be held at the National Weather Center in Norman, Oklahoma.

Deadline to apply is **March 30, 2018**.

Sponsored by the ARM Climate Research Facility to support the next generation of atmospheric scientists, this training will cater to graduate students and early career scientists (within four years of receiving their PhD) who are interested in observations and modeling of aerosols and cloud and precipitation processes.

The summer training will provide theoretical and practical instruction on the application of ground-based observations from a wide array of active and passive sensors and will encourage innovative methods for using ARM facilities to address complex scientific inquiries.

Submit your application (i.e., a one-page motivation letter, one recommendation letter, and curriculum vitae [CV]) in a single PDF to Sarah Fillmore at sarah.fillmore@pnnl.gov. Selected participants will have their accommodation expenses covered by the ARM Facility.

Read more about the topics that will be covered during the event:

<https://www.arm.gov/news/facility/post/47506>

DISCUSSION GROUPS AT PURDUE COUNSELING AND GUIDANCE CENTER

If you are stressed about a romantic breakup, or are grieving the loss of someone important to you, the Purdue Counseling and Guidance Center (PCGC) can help. The PCGC will be offering discussion groups on each of these topics on Wednesday nights, the next being **April 25th**. Each night will start with a free meal from 6:00 to 6:30pm and the groups will be from 6:30 to 8:00pm.

Topics for the groups are as follows:

* Grief discussion group—opportunity for college students who have experienced the death of someone important to them to talk about their

experiences with grieving during college, with an emphasis on the uniqueness of grief.

* Romantic breakup discussion group—opportunity for college students who have recently experienced a breakup to talk about their reactions and responses, with an emphasis on the losses and gains that are often connected with the ending of significant relationships.

Students interested in attending one of these groups must contact the PCGC—spaces are limited. For more information and/or to sign up, call 494-9738. Limited spaces are also available for individual counseling for general concerns. Our email address is pcgc@purdue.edu and our website is www.edst.purdue.edu/pcgc.

PURDUE UNDERGRADUATE RESEARCH CONFERENCE—NOW ACCEPTING PAPERS & ABSTRACTS

The Purdue Undergraduate Research Conference (formerly the Purdue Undergraduate Research Symposium) is scheduled for **April 10, 2018** and they are now accepting papers and abstracts for oral presentations and posters at the conference. For the submission site and “How to” guide, visit: <http://purdue.edu/undergrad-research>. Please see attached flier for more details.

ENTERPRISE AND THE ENVIRONMENT SUMMER SCHOOL July 1-13, 2018

The Smith School of Enterprise and the Environment at the University of Oxford. We would like to invite students at the Purdue department for earth, atmospheric and planetary sciences to apply for our Enterprise and the Environment Summer School which will take place from **1st - 13th July 2018** in Oxford. It is a summer school intended for undergraduates, as well as recent graduates passionate about leading environmental change in

business, society and government. See attached for more information.

GLOBAL SCIENCE PARTNERSHIPS LEARNING COMMUNITY

Attention: all first year college of science students! See the attached flier for information about free dinners, trips, and activities that are designed to help you learn about other cultures...while having fun!

POC: Terry Ham: hamt@purdue.edu or globalsciencepartners@purdue.edu

BOILER WELLNESS E-NEWSLETTER

Please check out the attached January Boiler Wellness E-Newsletter. In it, you will find information about upcoming Mindfulness, Resilience and Crave Series, the Lunch and Learns, and the Crockpot Meals.

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](#).

PURDUE TO ADD TWO-FACTOR AUTHENTICATION FOR ALL FACULTY AND STAFF DURING SPRING SEMESTER

Coming soon, all of Purdue's faculty and staff will need to begin using two-factor authentication, known at Purdue as BoilerKey, to log into the new employee portal, SuccessFactors, improving security of personal and University data alike. Signup for BoilerKey is now ready for all Purdue employees at www.purdue.edu/boilerkey. Purdue faculty and staff can expect reminders to sign up in the form of direct emails, social media posts and Purdue Today articles to give instructions on how and where to sign up throughout the coming spring semester. The employee portal allows employees to create leave requests and check paystubs. It also handles many of the University's business functions.

What is two-factor authentication?

BoilerKey adds a second login requirement to go with your password. At Purdue, it's a numerical code randomly generated on a smartphone app called Duo or a key fob. Essentially, even if someone were to get ahold of your password (if you fall for a phishing email, for instance), your account would still be protected because only you can physically access your smartphone or key fob to get the necessary login code.

BIRTHDAYS



Greg Michalski

March 17

IMPORTANT NOTICE ABOUT THIS NEWSLETTER

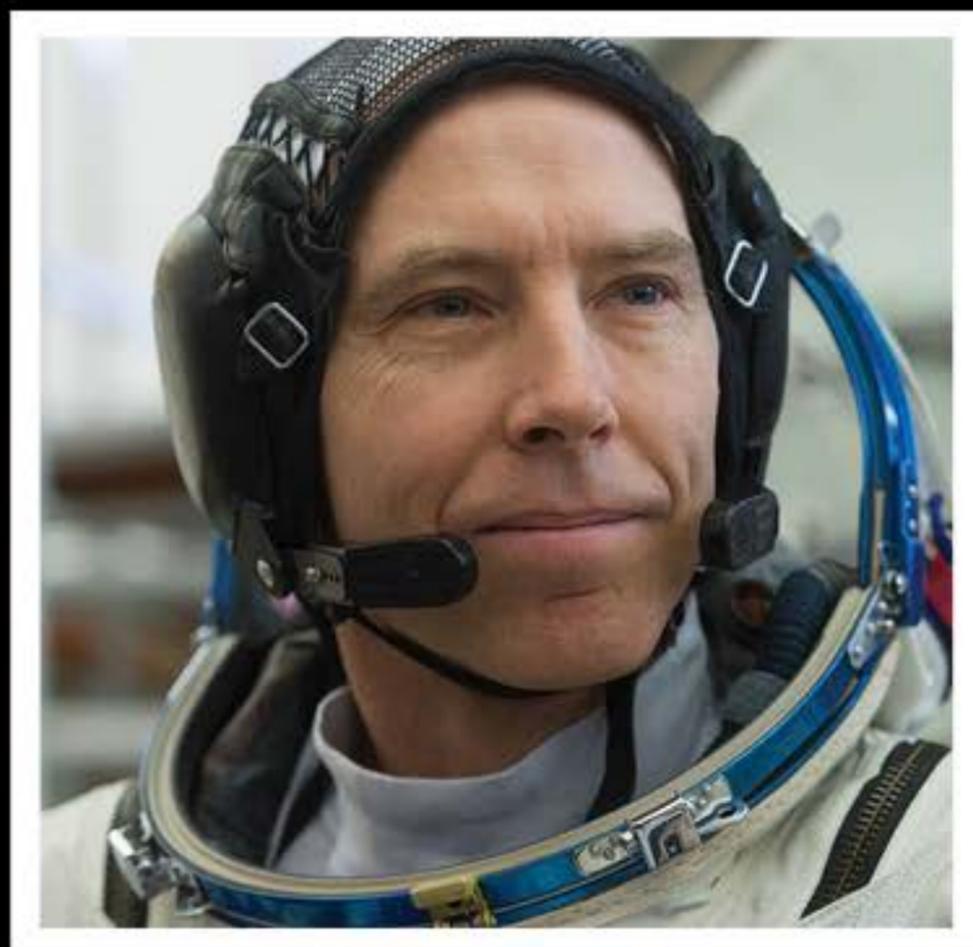
This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer 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 McQuern (fmcquern@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>

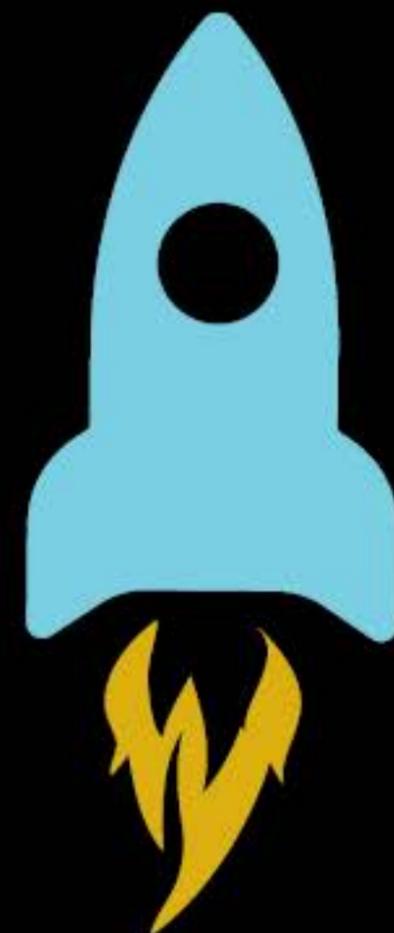




12:30 – 2:30 PM
1:44 PM LAUNCH
WEDNESDAY MARCH 21
LAWSON COMMONS

DREW FEUSTEL **SPACE LAUNCH** **VIEWING PARTY**

Join us as we watch Purdue astronaut Andrew (Drew) Feustel (BS '89, MS '91), an alumnus of the **Department of Earth, Atmospheric, and Planetary Sciences**, launch to the International Space Station for **NASA Expedition 55**. View the NASA live stream, enjoy space-themed snacks, and take selfies with a life-size cutout of Drew.



PURDUE
UNIVERSITY

College of Science

SAVE THE DATE



LAVENDER GRADUATION

APRIL 19TH, 2018

7:00PM—9:00PM

PMU FACULTY LOUNGES



Are you graduating in May or December of 2018?

If you are graduating in 2018 and wish to be honored, please register at:

<https://tinyurl.com/LavenderGrad2018>

This event is a special ceremony for LGBTQ and Ally students to acknowledge their achievements, contributions, and unique experiences at Purdue University. This community building program is a gathering that celebrates the graduating students and our distinguished guests as well as an opportunity to share our history and progress on campus. Graduates are welcome to invite their friends, family, and people who have been influential while at Purdue. The ceremony will be followed by a catered reception! As a graduate you will receive a rainbow stole that you may wear at the Purdue University graduation ceremony.

All undergraduate and graduate students are eligible to participate.
There is no cost associated with participating.



If you have any questions, please email the LGBTQ Center at lgbtq@purdue.edu.

CIMMS Research Associate –Radar Operations

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) seeks to fill a Research Associate position for projects funded by the National Oceanic and Atmospheric Administration (NOAA) Office of Oceanic and Atmospheric Research (OAR) National Severe Storms Laboratory (NSSL). The Research Associate will participate in NSSL's Phased Array Radar (PAR) research program.

Background:

NOAA and other agencies are developing concepts and performing risk reduction for a next-generation Multifunction Phased Array Radar. As part of these efforts, NOAA partnered with the Federal Aviation Administration (FAA) to develop the Advanced Technology Demonstrator (ATD). The ATD is a modern, active, dual-polarization phased array radar that will be primarily used for weather research. When operational, the ATD will accomplish a significant milestone towards reducing technological risk for the PAR research program. The incumbent in this position will focus on supporting ATD Radar Operations and Research activities.

Responsibilities:

The incumbent will provide general support of Radar Operations and Research activities associated with the use of the ATD by interfacing with a diverse team of CIMMS and NSSL researchers. Responsibilities encompass a variety of tasks including but not limited to radar setup and operation; radar availability coordination; troubleshooting support; configuration management; high-level software testing; documentation of operational procedures; radar operator training; radar data archive, data management, processing, and distribution; documentation of radar performance.

Required Qualifications:

1. A Master's degree in electrical engineering, computer engineering, computer science, observational atmospheric science, or related area OR a Bachelor's degree in the same fields with at least 3 years of experience.
2. Experience with Linux/Unix operating systems.
3. Good oral and written communication skills.
4. The ability to work both independently and cooperatively with others.

Knowledge of radar systems and/or radar operations is preferred but not a requirement.

The beginning salary will be based on qualifications and experience, with benefits provided through the University of Oklahoma (<https://hr.ou.edu/Employees/New-Employees-at-OU/OU-Benefits-Overview>). The start date for the position is negotiable.

This position is a full-time appointment funded by grants from NOAA. The appointment is contingent on passing a Department of Commerce/NOAA background check. The appointee will serve a customary probationary period during the first year.

To apply, please forward your resume, cover letter and contact information for three references to:

Tracy Reinke, Executive Director, Finance and Operations

University of Oklahoma CIMMS

120 David L. Boren Blvd., Suite 2100

Norman, OK 73072-7304

treinke@ou.edu

ATTN: Radar Operations March 2018