EEE Newsletter
October 19, 2018

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* indicates attachment

EEE Registration - Spring 2019 & Think Summer 2019

- Spring 2019 Schedule of Classes & Time Tickets go live in myPurdue on Monday, October 8.
- Summer 2019 Schedule of Classes will go live on December 10. Summer Time Tickets go live sometime after fall grades post.
- Students who will be registering for Spring 2019 should have received an info email from Tammi Thayer about EEE mentoring, and a BoilerConnect Registration invitation email. December 2018 graduation candidates were NOT included.
- You may access the newsletter for ‘EEE Registration - Spring 2019’ by taking this path - EEE -> Current Students -> Useful Resources -> EEE Student Newsletter

BoilerKey: Two-Factor Authentication will be required soon *

On October 30, all Purdue faculty, staff and students must use BoilerKey to log in to applications behind the CAS portal. Students received a notification email earlier with instructions. See email in its entirety here.

What does that mean for you? You will be required to use BoilerKey on most Purdue websites on/after October 30. Some of those sites include Blackboard, myPurdue, BoilerConnect, to register for classes, and more. Essentially, if you ever encounter a sign-in box like below, you must use Boiler Key to log in after Oct. 30.

BoilerKey assistance:
If you experience issues with your BoilerKey that you cannot solve, help is available.

GoldAnswers (www.purdue.edu/goldanswers)

Boilerkey FAQ (https://www.purdue.edu/securepurdue/iamoServices/BoilerKeyFAQ.html)

YouTube instructional video (https://youtu.be/WH7iPJQqL1U)

Tech Support - West Lafayette campus: itap@purdue.edu or (765) 494-4000
After hours support for BoilerKey is available for all campuses by phone at (765) 494-4000.

Here is a link to the summary of the book “Never Eat Alone” that gives you great tips on topics to discuss when you first meet someone, how to approach someone/start a conversation at a conference, etc. https://www.thesimpledollar.com/review-never-eat-alone/. Learning how to network doesn’t just benefit you now, it will help you throughout your career and your life. The sooner you start, the better you will get at connecting to others and the stronger and larger your network will become over time.
EEE Maymester 2019 Study Abroad Program: Sustainability Across Sectors

- Want to include a global experience in your academic program but not sure you can commit to an entire semester off campus? Consider joining Prof. Inez Hua as she once again leads a group of students in a short-course called Sustainability Across Sectors, Sweden.
- This course can be counted as an EEE Selective course: EEE 49500 - 3 credits.
- Eligibility: Rising sophomores through seniors. Minimum of 3.0GPA or as approved by Prof. Hua.
- See flyer for more info at https://engineering.purdue.edu/EEE/Engagement/Flyer_Sweden_Sust%20Across%20Sectors%202019
- Space is limited. Apply at http://www.studyabroad.purdue.edu/programs/flyer.cfm?flyer=1169&SICountryCode=488

EEE Sponsored Event - John Ostergren *

- John Ostergren, Director of Environment, Health, and Safety at 3M will be speaking on Sustainable Sustainability: Every Day Matters.
- Tuesday, October 23rd, 10:30 am in Fowler Hall
- This event is cosponsored by EEE and part of Green Week!
- See attached flyer for more details

Honors College Withdrawal

- Honors College students - No longer interested? No longer planning to pursue completion of the Honors program? To withdraw formally from the Honors College, please contact your Honors College Advisor via email to express your intentions. To find your assigned Honors College Advisor go to: https://honors.purdue.edu/current-students/honors-advising/index.php
- You must officially withdrawal from the program to have the Honors block removed from your myPurduePlan (MPP) audit sheet. Having that extra block on your MPP slows the system down so it makes sense to get it removed!

ODOS Ambassador Application *

- Office of the Dean of Students is looking for students to serve as ODOS Ambassadors
- Students will represent the ODOS offices during campus tabling events, and we do meet with these students on a monthly basis to provide additional leadership training
- Application deadline: November 2nd
- Apply here: https://purdue.ca1.qualtrics.com/jfe/form/SV_cLX0YfCp3kKH1Tn
- See flyer for more info

PLaCE - English Language Short Courses for International Students

PLaCE is offering Short Courses for international students who want to improve their English language skills (including speaking, writing, and vocabulary), or prepare for language-intensive events (such as publishing papers or presenting at conferences). Detailed/current schedule: https://purdue-place.gosignmeup.com/Public/Course/Browse. Email questions to place@purdue.edu.

What are Short Courses? Short Courses are language classes that are designed for international students at Purdue. These courses provide undergraduate and graduate students high-quality, interactive classes to meet their English language needs and fit their schedule. They:
  - last for about 6 weeks (classes meet twice a week, with an optional individual conference with the instructor)
  - are non-credit-bearing (classes are not graded and do not appear on transcripts),
  - require no additional fees (costs are covered by international student fees)
  - are taught by PLaCE’s language instructors.

Duke University Energy Conference Poster Competition *

- Research poster presentation takes place November 7th, 2018
- Seeking applications for the event from any groups or individuals with relevant research
- See attached flyer for more information and application link
Foreign Language Placement Exam dates *

- Students who have had 2 years or more of high school study of a language must take a placement test or complete a placement interview in order to determine their first course in a language sequence.
- Students with advanced credit (transfer, dual credit) or who are enrolled in or have completed a course in a language may not sit for a placement exam.
- Students may only sit for a placement exam once in any language.
- See attached flyer for details and upcoming November exam dates.

Undergraduate Research Seminar Series *

- Series hosted by the Office of Undergraduate Research
- Each session held in Hicks G980D 4:30-5:30pm
- See attached flyer for specific dates and seminar topics

Undergraduate Research Roundtable

- Hosted by Office of Undergraduate Research (OUR)
- Tuesday, October 30th 9am-2pm in PMU Ballrooms
- Research mentors, program directors, and staff across campus will host booths to discuss research opportunities undergraduates can join. This research “job fair” is a great way for interested students to locate potential research projects and programs.
- Register here: https://purdue.ca1.qualtrics.com/jfe/form/SV_OebK9lrMkDYYwC1
- Preparation workshop on October 29th 4:30-5:30 in Hicks G980D

Dawn or Doom Research Poster Symposium *

- Monday, November 5th 8-1:30 pm
  - Judging of the posters will take place 10-11:30 am
  - Prizes for best posters include up to $500
- Must register by October 29th at 5pm
- Register at: https://purdue.ca1.qualtrics.com/jfe/form/SV_OGNVDs67OvCDe4d
- See attached flyer for more info

EREF Summer Internship

- Environmental Research and Education Foundation's “Internship in Excellence” program
- Internship opportunities focus on solid waste management
- Must be a Junior or Senior to apply
- Learn more here: https://erefdn.org/eref-internship-excellence-program/
- Apply here: https://erefscholarships.communityforce.com/Funds/Search.aspx#4371597136646D517975544F5976596D4E73384E69673D3D
  - Application deadline: December 28th at 5pm

ESS Certificate Callout *

- Thursday October 25 6-7 pm in WALC 1087
- 15 credit certificate
- The Certificate in Environmental and Sustainability Studies is a new, interdisciplinary undergraduate certificate administered by the Center for the Environment. The Certificate gives students working in multiple disciplines a broad exposure to how environmental and sustainability challenges and solutions are conceived, represented, and
researched in the Humanities, Social Sciences, Agriculture, and STEM disciplines. The certificate introduces students to a wide range of environmental issues from diverse perspectives so that they can more effectively comprehend and evaluate today’s environmental and sustainability challenges.

- See attached flyer or learn more here: https://www.purdue.edu/discoverypark/environment/for-students/environmental-and-sustainability-studies.php

**2019-2020 FAFSA**

- To receive priority consideration for federal, state and university-based financial aid, all current and prospective students planning to attend Purdue in the fall of 2019 may file the Free Application for Federal Student Aid (FAFSA) as early as Monday (Oct 1, 2018), but no later than Purdue’s priority filing date of March 1, 2019.
- The Division of Financial Aid provides financial aid info to students and families through community outreach, via email, and online at www.purdue.edu/dfa. DFA can be reached by calling 765-494-5050 Monday - Friday from 8am-5pm ET, or by emailing facontact@purdue.edu.

**Purdue Writing Lab Workshop**

- Free workshop focused on personal statements
- November 14th 1:30-2:30 pm
- HEAV 220
- Registration required. Register on the writing lab website, under “Group Workshops”

**Technology Sales 101**

- Takes place October 24th from 6-8 pm in PMU West Faculty Lounge
- An educational event for students who want to learn more about a career in technical sales
- 5 companies will be present for networking
- Must register through myCCO account under “Workshops”
- See attached flyer for more info

**Data Hackathon**

- 24 hour hackathon focused on data solutions in the professional sports industry
- Can register as a team or as an individual
  - Teams must be 3-8 people, with interdisciplinary majors, and made up of students with full time status
  - Individuals will be put on teams
- November 9th-10th. Kicks off at 5pm November 9th
- Corporate workshops taught throughout the event
- $4000 first prize, $1500 second prize, $500 executive presence award
- See attached flyer for more information

**Pre-professional Advising**

Planning on pursuing professional education such as law or healthcare? Check out Purdue Pre-Professional Advising to get versatile assistance from choosing a specific profession to applying to professional programs!
Learn more at http://www.purdue.edu/preprofessional/
BOILER KEY
TWO-FACTOR AUTHENTICATION

SIGN UP for BoilerKey by OCTOBER 30.

Go to purdue.edu/boilerkey to sign up.
JOHN OSTERGREN
DIRECTOR OF ENVIRONMENT, HEALTH AND SAFETY - 3M

SUSTAINABLE SUSTAINABILITY: EVERY DAY MATTERS
LEVERAGING DECADES OF PERFORMANCE TO ADDRESS TOMORROW’S CHALLENGES

3M uses science every day to improve lives and help solve society’s toughest challenges – from clean air and clean water, to advanced health care and food safety. We recognize the unique and inspiring opportunity we have: to grow our enterprise while making the world stronger, safer, and healthier.

Our commitment to sustainability is rooted in and nurtured by our drive to continually improve our own operations, and has since before the term was even used. Since its visionary launch in 1975, Pollution Prevention Pays (3P) has empowered 3Mers to find creative ways to reduce environmental impacts and increase manufacturing efficiency. This initiative continues today, with 15,000 projects that have prevented two million tons of air, water, and waste pollution. 3P encourages sales professionals, office staff, executives, operators, researchers and engineers alike to find and fix sustainability challenges within 3M, and that collective mindset influences our drive to address global sustainability challenges with the same innovative, science-based approach.

Building on decades of setting and meeting manufacturing environmental targets by engaged 3Mers creating new sustainability solutions, 3M’s Sustainability Goals aim to amplify our impact by applying our sustainability culture and know-how as much outside the company as within.

BIO

John leads 3M’s Environment, Health, and Safety (EHS) organization, responsible for the company’s global EHS programs and performance – ensuring safe & healthy workplaces, environmental performance, operational sustainability, and compliance. He earned his JD and Ph.D. (geochemistry) from Stanford University. Prior to his current role, John served as 3M’s General Counsel for Supply Chain and EHS, and previously as General Counsel for operating units in 3M’s Industrial, Electronics, and Safety & Graphics business groups. Before 3M, Mr. Ostergren was an attorney at Dorsey & Whitney in Minneapolis, Minnesota, where his practice focused on environmental and technology litigation, and regulatory matters. He served as Editor-in-Chief for the Stanford Environmental Law Journal, and his doctorate research focused on molecular-scale surface chemistry and the fate and transport of environmental contaminants.
Office of the Dean of Students
Student Ambassador Program

* Represent Purdue  * Develop leadership skills
* Foster your network  * Expand your communication skills
* Build presentation skills  * Have Fun

To apply follow the link below:
https://purdue.ca1.qualtrics.com/jfe/form/
SV_cLX0YfCp3kKH1Tn
Application available until
5:00pm Friday November 2, 2018
Questions: Contact Jenny Bowes at jbowes@purdue.edu
Research Poster Presentation 2018
Powered by APEX CLEAN ENERGY

What

Who
Undergraduate & graduate students, faculty, staff, & energy professionals. Individual & team entries welcome. All disciplines welcome.

Why
Spark awareness of your findings, discuss your research and ideas with others, enjoy a free lunch, & vie for prizes.

Prizes
• 1st Prize - $3000
• 2nd Prize - $1500
• 3rd Prize - $1000
• Best Undergraduate Poster - $500 (* Undergrads are also eligible to win the first three prizes)

How
Applications considered on a rolling basis until OCT. 30, 2018.
To apply: https://goo.gl/forms/q1lxgWg3p2tB8XsJ2

SPONSORED BY
APEX CLEAN ENERGY MOSAIC Duke ENERGY INITIATIVE
Presenting my research at the Duke University Energy Conference was a very fruitful experience for me. The poster session not only allowed me to share my work with a wider audience but also helped me demonstrate my capabilities to recruiters at the event.

The conversation about battery modeling methodologies with industry experts during the session eventually led to a full-time role with the largest renewable energy developers in the US."

- Bhuvan Neema
Fundamental Market Analyst, NextEra Energy Resources

EXEMPLARY OF POSTERS PRESENTED IN 2017
Thermodynamic Analysis of ORC and Its Application for Waste Heat Recovery
Internet of Things for Real-Time Reliability Assessment in High Frequency GaN Converters
Carbon Mitigation Potential of Grid-Scale Energy Storage Systems for Peak Load Shifting
Developing and Optimizing Efficiency of a Hybrid Hydrogen Fuel Cell Vehicle
Modeling Renewable Microgrids in South Africa

MORE ABOUT THE DUKE U ENERGY CONFERENCE
The MBA Energy Club at Duke organizes an annual one-day conference where energy industry leaders share insights & perspectives for an audience that includes hundreds of students, faculty, and energy professionals. The Conference (& Research Poster Presentation) are part of Energy Week at Duke, a student-led event series exploring what's next in energy. Learn more at energyweekatduke.org.

QUESTIONS? Contact Pranav Lakhina: pranav.lakhina@duke.edu
FOREIGN LANGUAGE PLACEMENT TESTING

Mandarin Chinese
French
German
Italian
Japanese
Latin
Russian
Spanish
Spanish for Heritage Speakers

Fall 2018
Wed. 11/7, Thurs. 11/8, and Fri. 11/9
6 PM, SC 231

Spring 2019
Mon. 1/7 and Tues. 1/8
Wed. 4/3, Thurs. 4/4, Fri. 4/5
6 PM, SC 231

Bring to exam:
1. FLPT Permission Form (contact your academic advisor)
2. Purdue ID
3. Additional Photo ID

Results and Cost
- Results provided at conclusion of exam
- $35 charge for each language exam after testing through Bursar’s account
- Pell Grant eligible students exempt

For questions and information on placement in American Sign Language, Ancient Greek, Arabic, Hebrew, and Portuguese, please visit the SLC Placement page
UNDERGRADUATE RESEARCH SEMINAR SERIES

HIKS G980D
4:30-5:30pm

WHERE TO START TO BE A RESEARCHER—Mentors
Interested in research but unsure how to start? Learn from research mentors on what they are seeking.

CREATE/DESIGN A POSTER
Novice and expert creators invited to learn poster best practices. Fall Expo participants encouraged to attend.

RESEARCH ROUNDTABLE | PMU BALLROOMS | 9-2pm
Research mentors and programs will be available to talk about their opportunities to undergraduates who are seeking research experiences. Co-Sponsor: PSPE

POSTER WORK DAY
Get help and feedback with your poster and presenting it. Project your poster on the screen to see what it will look like.

MARKETING YOURSELF
Learn how to market yourself to potential research mentors and to showcase the research you have accomplished so far. Presented by: Center for Career Opportunities

WHERE TO START TO BE A RESEARCHER—Libraries
Interested in research but unsure how to start? Learn how to make Purdue Libraries' resources work for you in your search.

PREPARING FOR RESEARCH ROUNDTABLE
Learn how to network during the Roundtable. All can attend to learn about networking.

UNDERGRADUATE RESEARCH FALL EXPO
Learn about research projects Purdue students have completed. The Expo features presentations in the morning (STEW) and a poster symposium in the afternoon (PMU Ballrooms). Look out for the day’s event schedule!

SPONSORED BY:
Purdue University Libraries
purdue.edu/undergrad-research
RESEARCH SYMPOSIUM and POSTER COMPETITION
All undergraduate and graduate students welcome

PMU NORTH
MONDAY, NOV. 5
8 - 10:00 a.m.
POSTER CHECK-IN
10:00 a.m. - 11:30 p.m.
JUDGING
1:00 - 1:15 p.m.
PRIZES AWARDED


Register for Dawn or Doom at purdue.edu/dawnordoom
We invite students of all levels and backgrounds to present their work (research or projects) at the PGSG/DawnorDoom’18 Poster Symposium on Monday, November 5, 2018. Posters do NOT have to be directly related to the symposium themes, but students should be able to communicate their research succinctly.

Abstracts will be accepted through 5PM October 29, 2018.

Guidelines

- Posters must discuss original research or projects with contributions of a student, post-doctoral researcher, or visiting scholar at Purdue University.

- Posters must be no larger than 3 feet 11 inches tall (vertical) and 5 feet 10 inches wide (horizontal). Content for posters may follow any standard format appropriate for the field of research.

- Posters will be mounted to dual-sided, free-standing displays using push pins which will be provided. Each registrant is limited to a single face of the display board.

- Handouts or other supplemental information are welcome.

Registration
To complete registration you must complete a form with descriptive details, providing a title and abstract of your presentation. Students will be contacted if further information is needed.

Poster Session Registration is available directly through the link:

https://purdue.ca1.qualtrics.com/jfe/form/SV_0GNVDs67OvCDe4d

or on the Dawn or Doom event page:

https://www.purdue.edu/dawnordoom

**Poster Registration Deadline: 5PM October 29, 2018**

**Schedule**

Approximate schedule for the morning/afternoon.

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 10:00 am</td>
<td>Check-in for students and judges</td>
</tr>
<tr>
<td>10:00 – 11:30 pm</td>
<td>Judging</td>
</tr>
<tr>
<td>11:30 – 1:00 pm</td>
<td>Tabulation of scores and poster viewing</td>
</tr>
<tr>
<td>1:00 – 1:15 pm</td>
<td>Awards ceremony</td>
</tr>
<tr>
<td>1:15 – 1:30 pm</td>
<td>Event conclusion; poster clean-up</td>
</tr>
</tbody>
</table>

**Judging**

Faculty, visiting professionals, and staff will serve as judges. Please have at least one author of the poster present during the judging period (10AM – 11:30PM) to answer any questions the judges might have. If you must be away from your poster (class), leave a postcard at eye level on the left side of your board stating when you will return, but please note that the absence of an individual to address questions may negative impact the judging procedure.

Posters will be judged on clarity, completeness, visual design, presentation, and application of research. Graduate and undergraduate student posters will be judged separately.

Attendees will also be encouraged to vote for their favorite poster when available during the Poster Viewing. These votes will select a People’s Choice Award.

**Awards**
Awards will be given to the top three graduate and undergraduate students. First, second, and third place winners are excluded from the People's Choice Award.

**First place**: $500 Amazon gift card  
**Second place**: $250 Amazon gift card  
**Third place**: $150 Amazon gift card  
**People’s Choice**: $100 Amazon Gift card

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**Information Release**

By submitting a poster/presentation, the applicant authorizes the PGSG and Dawn or Doom to share all information related to the poster/presentation (or subsequent award), including a photo, on the internet, in press releases, and in relevant program literature.

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**Questions?**

Information about the conference can be found at [https://www.purdue.edu/dawnordoom](https://www.purdue.edu/dawnordoom).

Questions regarding the poster session can be sent to Taylor Bailey at pgsg.presidnt@gmail.com.
An integrated approach to solving environmental & sustainability challenges for your future career.

This 15-credit ESS certificate program explores the wide range of how environmental and sustainability challenges and solutions are discovered, represented, and researched in the humanities, social sciences, agriculture, and STEM fields.

Learn more:
cla.purdue.edu/certificates

Contact your advisor or program coordinators:
Dr. Leigh Raymond, lraymond@purdue.edu
Dr. Robert Marzec, rmarzec@purdue.edu
TECHNICAL SALES 101

- A free event that allows you to prepare for a career in Technical Marketing and Sales
- For students in STEM majors
- Seating is limited, RSVP online through myCCO

Learn from employers from the following companies:

- Oracle
- GE
- GIRTZ
- Molex
- Neff
PURDUE UNIVERSITY/ESPORT DATA HACKATHON 24 HOUR CHALLENGE

November 9th and 10th
5:00 p.m. November 9th
Kick-Off

Open to ALL Purdue Students

Compete with and against top company executives

Valuable Corporate workshops taught throughout the event

$4000.00 1st Place Team, $1500.00 2nd Place Team, $500.00 Executive Presence Award (1 student)

Student Teams: 3+ Members (up to 8), teams must be inter-disciplinary and student participants must be in full-time status with the University

Individuals: Come SOLO and join a team at the launch party

What is an ESPORT Hackathon?:
Purdue Krannert School of Management’s Business Information and Analytics Center has partnered with SportsUNITED to bring an exciting Esport Hackathon to the Mid-West. Centered on our campus, teams will compete in a 24-hour Challenge, using cutting edge technology (Machine Learning, AI, AR/VR, NLP, Immersive Media, Machine Vision, Blockchain) to develop innovative data solutions that solve problems for: Fan Experience| Esport Analytics| eAthlete Training and Performance| Sponsor Insights.

Registration opens October 9th

For further information and to register for the competition please visit: https://krannert.purdue.edu/centers/business-information-and-analytics-center/activities.php