EEE Newsletter
March 19, 2018

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EEE Registration Season - Summer and Fall 2018

- Summer 2018 Open Registration began Monday, March 5.
- Fall 2018 Schedule of Classes & Time Tickets are now live in myPurdue.
- Students who will be registering for Fall 2018 should have received an info email from Tammi Thayer about EEE mentoring and advising steps. May 2018 graduation candidates were NOT included.
- You may access the newsletter for ‘EEE Registration - Fall 2018’ by taking this path - EEE -> Current Students -> Useful Resources -> EEE Student Newsletter
- Note: Tammi will be out of the office March 26-30. Plan accordingly!

EEE Combined Degree Program Callout*

- EEE will be hosting a Combined Degree callout and information session that will take place on Thursday, March 22, 2018 in POTR 234 (Fu Room) at 5:30 P.M (pizza will be provided).
- This program is available to junior BS students in the following majors: Agricultural Engineering, Biological Engineering, Chemical Engineering, Civil Engineering, Environmental and Ecological Engineering, Materials Engineering and Natural Resources and Environmental Science.
- See attached flyer for more info
- If you would like more information about this program, please visit the following webpage: https://engineering.purdue.edu/EEE/InfoFor/CurrentStudents/Graduate/CombinedDegreeProgram

EEE SAC Suggestion Box

- The mission of EEE SAC is to increase interaction between Environmental and Ecological Engineering students and the administration of EEE. The guiding purpose for this council is to encourage and enhance communication, and act as a conduit from the student body to the EEE Head.
- If you have any suggestions/questions/comments that you would like to bring to the attention of the EEE SAC let us know at the link below: https://docs.google.com/forms/d/e/1FAIpQLSfkQIPplZDAUyGgJe1vOdMsG_jbjJN3tDD4qqgje8bM5CwYA/viewform

Job Corner with Ms. Whelton, PE

Don’t forget to check the EEE job sites for internship (https://engineering.purdue.edu/EEE/Academics/InfoFor/CurrentStudents/EEERElatedPartTimeJobs) and full time positions (https://engineering.purdue.edu/EEE/Academics/InfoFor/CurrentStudents/EEERElatedFullTimeJobs). I have put up several positions recently. There are a lot of positions posting right now, particularly with consulting firms. So make sure you check our site and other online sources (LinkedIn, CCO, etc.) regularly. Also look for my emails-if an employer sends me something
that requires some action from me or can’t easily be posted online, I’ll send it out by email instead of posting it to the EEE job sites.

Networking opportunities the EEE speakers is another great way to look for job offers and advice. When you see an email about eating lunch with a speaker or attending an event for a EEE-related speaker, try to attend and connection with the professionals. Developing relationships with professionals is a great way to find out about job opportunities now or in the future. Worried about starting a conversation with someone you don’t know? This TED talk gives tips on how to have a good conversation: [https://www.youtube.com/watch?v=F4Zu5ZZAG7I](https://www.youtube.com/watch?v=F4Zu5ZZAG7I) This TED Talk talks about how to have a better conversation: [https://www.youtube.com/watch?v=R1vskiVDwl4](https://www.youtube.com/watch?v=R1vskiVDwl4)

International Students-there is a workshop on writing an American Style Resume on March 21st at 5pm. If you have questions about our style of resume or would like someone to look at your resume, this could be a good event to attend. Details are found here: [https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434)

It is the season to receive job offers and negotiate salaries. Remember I can meet with you to help you with advice specifically related to the environmental area, my experience personally as an environmental engineer and EEE employers. There are also resources through the CCO on job offers and negotiations: [https://www.cco.purdue.edu/Students/JobOffersandNegotiation](https://www.cco.purdue.edu/Students/JobOffersandNegotiation)

### Prepare to Save Lives in Severe Weather

- **On Tuesday March 20, at approximately 10:15 AM**, Indiana will conduct its annual tornado drill as part of the state's Severe Weather Preparedness Week. In conjunction with the state, we will conduct a voluntary campus wide tornado warning drill to help the Purdue family prepare for tornados. More information on the Purdue Voluntary Tornado Drill can be found on the [Emergency Preparedness website](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434). The purpose of the drill is to provide a reminder to prepare and practice so that when an emergency occurs, we are ready to take the necessary action to protect ourselves.

- Building specific information is found in the building emergency plan (access requires a Purdue career account). We encourage all members of the Purdue community to review both the [Emergency Procedures Guide](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434) and [Building Emergency Plan](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434) (for each building where you teach, work, and study).

- For additional faculty resources, note the "classroom, lab, and work area resources" link on the [Purdue Emergency Preparedness website](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434).

- Updates and emergency information about specific warnings and incidents will be posted on [Purdue's Campus Status page](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434).

- Sign up for text message alerts at [Purdue Alert Mass Notification](https://www.cco.purdue.edu/Calendar/Event/3843BA11225486C35034D0DB8221B434) (access requires a Purdue career account). If you prefer a text message from Twitter, text “follow @Purdue Emergency” to 40404 (access does not require a Purdue career account or a Twitter account).

### Water Day at Purdue*

- Water Day at Purdue is **March 22 from 4-6pm at STEW 218CD**. Come celebrate world water day and network with water professionals from industry, government, and non-profits.

- There will be free food and refreshments

- RSVP here: [https://goo.gl/forms/aEM3IyiYE4UyUIp2](https://goo.gl/forms/aEM3IyiYE4UyUIp2)

- See attached flyer for more info

### OUR Travel Grants available for Undergraduate Student Researchers

- The Office of Undergraduate Research (OUR) is now accepting applications for the Spring 2018 OUR Undergraduate Travel Grants. Applications are due **Wednesday, March 28, 2018 at 11:59pm**.

- The OUR Travel Grant recognizes Purdue University undergraduate students who have been selected to present research findings at a national or international professional or academic conference. This program supports undergraduate students in the dissemination of their research and improvement of their communication skills through the participation in scholarly activity. These awards, up to $500, are competitively awarded in the spring semester (travel from Jan 1 - Jun 30) and fall semester (travel from Jul 1 - Dec 31). The awards will be announced by April 10, 2018. Funds will be disbursed directly to the awardees after the travel has occurred.

Brown and Caldwell Scholarships

- Are you a student who is passionate about water, the environment and solving the complex challenges before us? Brown and Caldwell's scholarships can help you reach the next step in your educational journey.
- Brown and Caldwell are currently offering the Eckenfelder, Minority, GLBTQ, Women in Leadership, and Navajo scholarships.
- Follow this link for additional details about the specific scholarships: http://brownandcaldwell.com/scholarships.asp
- Applications are currently open for 2018 and will close on April 15th

HENAAC Scholarship Program 2018

- Applications for the HENAAC Scholarship Program are now open
- The goal of the Program is to increase the persistence to graduation among underrepresented and underserved STEM college students. The financial support of the HENAAC Scholars Programs helps these students focus on their coursework so they can graduate on time, enter a STEM profession, continue to serve as a role model for future generations, and secure the country's place as the finest technological leader in the world.
- Applications are due April 30th. Follow this link for more details: https://henaac-scholars.org/

Upcoming SASE Events

- SASE Purdue will be holding two professional events this coming 22 March and 27 March:
  - Eli Lilly: Leading without Authority - How to effectively influence
    3/22 Thursday, 6-7:30PM at WALC 2088
    Dress code: Business Casual
  - Roche: Bringing a Global Product to Market
    3/27 Tuesday, 6-8PM at WALC 1087
    Dress code: Business Casual

Minor in Innovation and Transformational Change*

- The College of Engineering, Innovation and Leadership Studies Program has launched a new Minor in Innovation and Transformational Change (Minor Code: INNO) which is intended to empower students with the methods and competencies to drive significant change in their chosen field through application of fundamental principles of innovation science.
- The minor is open to all undergraduate students on campus.
- The foundational course for the minor, ENGR305: Fundamentals of Innovation Theory and Practice, will be offered this coming Fall semester (Fall 2018).
- The course options for the minor are also attached and a description of ENGR305 with a representative syllabus can be found here: https://engineering.purdue.edu/Innovation/students/coursework
- Forward any questions directly to Dr. Sinfield (jvs@purdue.edu) or to the program (innovation@purdue.edu)
- See attached flyer for more info

2018 Dawn or Doom Data Dive*

- The Business Information and Analytics Center (BIAC) is thrilled to announce the 2018 Data-Dive.
- Participating students will work on a real-world data analytics problem utilizing a dataset provided by CISCO. The top eight teams will present their findings to a panel of judges consisting of senior executives on April 20th.
- The registration deadline is March 21st at 10:00 a.m. Call-Out for the event will be held on March 7th beginning at 6 p.m. in RAWL 3082.
- If you have any questions or would like further information, please feel free to contact me or Professor Rahman at mrahman@purdue.edu
- See attached flyer for more info

Purdue University Millennial Nuclear Caucus*

- Where and when: March 22, 2018 at 7:30pm at Class of 1950 Lecture Hall
Millennials are in a unique position to shape the future of nuclear and we want to hear your vision! Please join us for an exciting evening with nuclear visionaries, policymakers, and thought leaders—from those currently working at our nation’s 99 nuclear plants and supplier facilities, to those designing the small modular and advanced reactors of the future.

Meet and hear from Panelist from Exelon, a leading innovator in existing nuclear power plants, and NuScale, developing innovation in future small modular reactors.

See attached flyer for more info

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**Climate Change Workshop: How to Sustain Our Future**

- EEE students are invited to apply for the Student Pugwash USA workshop on “Climate & Society” held on **Saturday, April 14th from 12pm-5:30pm**. Lunch will be provided!
- The workshop will include a climate simulation, case study on climate change ethics, and a conference debate. Applications are due by **March 24th by 5:00pm EST**. All undergraduate and graduate students from all majors are eligible to apply
- The link to the application is available here: [http://www.spusa.org/workshop-application](http://www.spusa.org/workshop-application)

**Duke Energy Academy at Purdue Counselor Application**

- The Duke Energy Academy at Purdue University is an immersive program for high-achieving high school juniors and seniors, and secondary science teachers. During the week-long course on STEM-related energy topics, participants will be provided with resources and incentives to inspire both students and teachers in sustainable energy solutions.
- They are looking for Undergraduate Junior, Seniors and Graduate Students to serve as counselors for this program!
- Counselors will be paid a base salary of $650 for their services during the week of the academy (June 17-23, 2018). Hours spent in planning/training sessions and other activities relating to the academy will be paid $10/hr.
- DEAP 2018 Application can be found here: [https://purdue.qualtrics.com/jfe/form/SV_byFphb1O2UpMqh](https://purdue.qualtrics.com/jfe/form/SV_byFphb1O2UpMqh)
- The Deadline to apply is **March 14, 2018** Please contact us at energyacademy@purdue.edu with any questions/concerns you may have.
- See attached flyer for more info

**Schneider Electric: Go Green in The City Case Challenge**

- The challenge:
  - Solve any one of the following real-life case challenges within energy management or submit a bold idea for efficient energy management in a city environment.
  - Together with a partner, present your proposal through PDF or an infographic. Make it to the finals in the USA and stand to win the grand prize of a lifetime!
  - Topics: No Boundaries, Sustainability and Inclusivity in Development, Digital economy, Smart Manufacturing and Supply Chain, Cyber Security
- Go Green in the City 2018 is open to 2-member teams from anywhere in the world with at least one female member.
- Must be an MBA, Master’s or Bachelor’s student (at least 2nd year) in Business or Engineering.
- You and your teammate must study in the same country for the duration of the competition. You don’t have to be in the same university, study the same subject or be in the same year. Neither do you have to be citizens or permanent residents of the country, but you must be proficient in English.
- Follow this link for more info: [http://www.gogreeninthecity.com/index.html](http://www.gogreeninthecity.com/index.html)

**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 open this link: [https://honors.purdue.edu/current-students/honors-advising/index.php](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!
COMBINED DEGREE PROGRAM (BS & MSEEE)

INFORMATION SESSION FOR JUNIORS

THURSDAY
MARCH 22, 2018
FU ROOM, POTR 234 - 5:30 PM
FREE PIZZA

WHO’S INVITED?

Juniors in semester 6 with cumulative GPAs of at least 3.25, enrolled in:

- Agricultural Engineering
- Biological Engineering
- Chemical Engineering
- Civil Engineering
- Environmental and Ecological Engineering
- Materials Engineering
- Natural Resources and Environmental Science

SUMMARY

Environmental and Ecological Engineering, in collaboration with other Purdue departments, schools, and programs offers a combined degree program in which a Purdue student can receive a BS degree, and with one additional year of study, a non-thesis Masters of Science in Environmental and Ecological Engineering (MSEEE) degree. This is accomplished by dual-counting 9 appropriate course credits at the 500 level on the BS and MSEEE Plans-of-Study.
Water Day @ Purdue

March 22, 4-6 pm
Stewart Center 218 CD

Celebrate World Water Day by sharing your passion for water conservation and safe drinking water with Purdue researchers, students, and water resource professionals in an informal exhibition setting. Free food and refreshments will be provided.

RSVP: https://goo.gl/forms/aEM3lVIYE4UyUvIp2

Bring your resume!

UN World Water Day is an internationally celebrated event with the purpose of "focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources."

Connect with faculty doing interesting research related to water conservation and safe drinking water.

Presented By: soga AQUAE Purdue student chapter of INAWWA and IWEA Environmental and Ecological Engineering GSO
NEW UNDERGRADUATE MINOR
OPEN TO ALL MAJORS

INNOVATION & TRANSFORMATIONAL CHANGE

Addressing society's most pressing problems requires innovation and new ways of thinking. Whether your goal is working to provide safe drinking water, developing resilient infrastructure, ending poverty, securing the global food supply, making education affordable, driving adoption of new sources of energy, or another major socio-technical issue, the Minor in Innovation and Transformational Change will teach you world-class methods and techniques to transform these challenges into opportunities to make a significant impact.

Earn a minor while meeting elective requirements for your major!

18 CREDITS

Choose your own path from nearly 90 courses in 6 areas

- Fundamentals of Innovation
- Holistic Solution Design
- Motivating Change
- Achieving Financial Sustainability
- Understanding Grand Challenges
- Breakthrough Thinking

LEARN MORE:
https://engineering.purdue.edu/Innovation/students/minor

QUESTIONS:
innovation@purdue.edu

QUESTIONS:
innovation@purdue.edu
Data provided by Cisco

Krannert School of Management’s Business Information and Analytics Center (BIAC), supported by Information Technology at Purdue (ITAP), are joining together to offer a unique opportunity to Purdue’s full-time undergraduate and master’s students. Participating students will work on a real-world data analytics problem faced by CISCO utilizing a dataset provided by the company. Interdisciplinary student teams will analyze the dataset to come up with recommendations. The top eight teams will present their findings to a panel of judges consisting of senior executives.

1st place: $3,000  2nd place: $2,000  3rd place: $1,000

TIMELINE:

- CALL-OUT (Q&A session)
- REGISTRATION DEADLINE
- DATA RELEASED
- PRESENTATION SUBMISSION
- JUDGING, 1ST LEVEL
- LIVE CORPORATE JUDGING

March 7, 6 p.m. - 9 p.m., Rawls 3082
March 21, closes at 10 a.m.
March 21 by 6 p.m.
April 6, 5 p.m. sharp
April 13, 8 advancing teams notified by 6 p.m.
April 20

Open to all Purdue full-time undergraduate and master’s students. Teams must include a minimum of 1 Krannert student and 1 non-Krannert student.

QUESTIONS: Kami Copas at kcopas@purdue.edu or biac@purdue.edu

REGISTER: For details and to register as a participant, please go to: http://bit.ly/DoDdive2
MILLENNIAL NUCLEAR CAUCUS
#NuclearVisionary

THURSDAY 03.22.18 7.30 PM

PANEL DISCUSSION. NUCLEAR REIMAGINED ART EXHIBIT.

PURDUE UNIVERSITY
CLASS OF 1950 LECTURE HALL
640 OVAL DR, WEST LAFAYETTE, IN
DUKE ENERGY ACADEMY AT PURDUE
JUNE 17-23, 2018
INSPIRING FUTURE LEADERS IN ENERGY

PAID SUMMER COUNSELOR POSITIONS

Are you passionate about your STEM/energy? Do you enjoy sharing your passion and knowledge with younger students? Then apply to be a Counselor at the DEAP!

Benefits
• Payment of $650 during the week of the Academy and $10/hr for additional work
• Gain leadership skills
• Free room and board during the week of the Academy (Optional)
• Network with industry leaders
• Learn about cutting-edge energy research and sustainability
• Tour various research and energy facilities

Skills Required
Self-Motivation
• Seeks opportunities to contribute
Social Communication
• Approachable and able to talk casually
Passionate for STEM
• Mentor High-School Students
Contagious Optimism and Enthusiasm
• Genuine happiness to be there
• Serve as a role model and leader

Eligibility
Junior/Senior/Graduate Students currently enrolled at Purdue

Interested? Apply now

What is the DEAP?
The Duke Energy Academy at Purdue, or DEAP, is an immersive program for high-achieving high school juniors and seniors, and secondary science teachers. During the week-long course on STEM-related energy topics, participants will be provided with resources and incentives to inspire both students and teachers in sustainable energy solutions.

QUESTIONS?
Email us at energyacademy@purdue.edu
Visit our office in MANN 105
Visit our website:
www.purdue.edu/discoverypark/energy/energyacademy

GET SOCIAL WITH US!
Facebook.com/TheEnergyAcademyAtPurdue
@EnergyAcademyPU #deap18