EEE Newsletter
August 27, 2021

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Protect Purdue Resources at [https://protect.purdue.edu/](https://protect.purdue.edu/)

**UG Assistant Opening in Laboratory for Sustainable Manufacturing (LSM)**

There is an immediate opening for undergraduate students within the Laboratory for Sustainable Manufacturing (LSM) that is affiliated with the Environmental and Ecological Engineering (EEE). Project opportunity is briefly described in the attached.

Relevant backgrounds include environmental, chemical, and biological engineering; experience with manufacturing systems, and techno-economic assessment preferred. The assistant will be expected to work approximate 10 hours per week and the project duration is one year. Contact Dr. Aihua Huang (huan1363@purdue.edu) if you are interested in the position or you want more information.

**EEE Main Office - POTR 364 Hours of Operation**

The EEE main office is located in POTR 364. Office hours are currently: M,T,Th - 8am-5pm WF - 8am-4pm

The majority of EEE staff will be working a rotational schedule of remote and in-office. Thus unscheduled “walk-ins” are discouraged. Instead, make an appointment or reach out to the individual you wish to meet with in advance to avoid frustration. Tammi Thayer, Associate Director of Advising, will have face-to-face and virtual appointments. Make your appointments with Tammi via BoilerConnect - [https://www.purdue.edu/boilerconnect/](https://www.purdue.edu/boilerconnect/).

**EEE Computer Lab in POTR 360**

The EEE computer room in POTR 360 will be closed for repairs to begin Fall 2021 semester. It will open later in the semester once completed. Until then the computers can be accessed remotely. See instructions below.

Link where you can gain access and learn how to connect: [https://slic.ecn.purdue.edu/public/remoteavailability](https://slic.ecn.purdue.edu/public/remoteavailability). To gain access you must Login with your career account and password.

You will then download “ECN remote Availability Protocol Handler”, you will get an installation warning, that’s okay. You will also have to login using your boilerad credentials when you get to the login screen for the remote computer. Your username will be boilerad\username. You will see a screen like the picture below. You may only select an available PC (shown in green). Don’t login to X-GABI01. This computer has the GaBi software on it and is used by graduate students.

When you are done you will see an orange arrow labelled Logout. Double click on this to logout of the computer. For additional help email [eee@purdue.edu](mailto:eee@purdue.edu) (or ECN) to get further assistance.
How to Schedule an Appointment with EEE Advisors

EEE and other Engineering students can access the Environmental and Ecological Engineering appointment calendar via BoilerConnect. EEE currently has In Person and Virtual appointments, depending on the time and day.

There are training resources available to students in BoilerConnect on the login page. Advisors and service offices across campus use BoilerConnect for making appointments, so these instructions are generalized. Click ‘Training & Resources.’

Items available:
- How to Schedule an Appointment (updated August 2021)
- How to Cancel an Appointment
- How to Reschedule an Appointment (updated August 2021)
- Responding to an Appointment Request (updated August 2021)
- Using the Kiosk

Registration Troubleshooting

Waitlists: There will be no waitlists available in myPurdue for Fall 2021. Having trouble registering, adding, or dropping? Need an override for a class? There are many resources on the EEE Registration Tools page, such as instruction links for Scheduling Assistant:
- Scheduling Assistant - How to ADD
- Scheduling Assistant - How to DROP
- Scheduling Assistant - How to Submit Registration Error Override Request
- Scheduling Assistant - How to Register using Scheduling Assistant
- Scheduling Assistant - How to Register a specific CRN

The Registrar page also has links for most common registration issues at https://www.purdue.edu/registrar/currentStudents/index.html

SEEE Callout*

The Society of Environmental and Ecological Engineers (SEEE) will host a callout on Sept 2, 6-7pm in WALC 3154. See attached flyer for more details.

Job Corner with Ms. Whelton, PE

This section is prepared for the newsletter by Ms. Margaret Whelton, PE. She is the EEE Manager of Industrial Experience. The responsibilities of this position include working with industry to secure internships, co-ops, and fulltime job opportunities for students; developing real world senior design and research projects; and facilitating partnerships between industry and Environmental and Ecological Engineering. She has twelve years of experience as a practicing environmental engineer prior to becoming part of EEE. She is a registered professional engineer in Indiana, Virginia, and Alabama.

Purdue’s MGMT 48800 course via the Center for Career Opportunities (CCO) provided data found that Purdue graduates had about $5,000 bump in their starting salary if they have had one or more internship or co-op experiences. For Purdue engineering students, going to the CCO for help at least once during their college career increased their starting salary by $2,599.

The beginning of the fall semester is the best time to find full time and internship opportunities. There are several events that will help you prepare for Industrial Roundtable (Sept 14th in person & 15th and 16th virtual) and the Civil Engineering Career Fair (Oct 14th in person, Oct 15th virtual). The Industrial Roundtable will be facilitated this year via the Career Fair Plus App. It looks like students will be scheduling “appointments” starting September 1st at 7am and have a limit of two appointments in person and 3 virtual appointments until Sept 6th at 7am. I suggest you look at the companies you are interested in that are applicable to many majors and use your allotted appointments for those before they fill. Then schedule meetings/appointments with other companies on September 6th. More info is here: https://www.purdueesc.org/virtualir.

Also, last year in Career Fair Plus we found it was very specific-so sometimes if a company didn’t have EEE listed you couldn’t get an appointment (this frustrated companies and students) or what you selected as your year mattered (i.e too many credits for internships). My suggestion is to be flexible in how you set things. If you “need” to be listed as a CE, NRES, etc. to schedule an appointment with a company that is looking for someone to do environmental work or does environmental
work-select that as your major. Some EEE students had success doing this last year. EEE isn’t selected sometimes for a variety of reasons (company just selects the majors they did last time, HR person who inputs isn’t aware of EEE, needs change, etc). EEE not being listed is not necessarily an accurate reflection of company needs since we are a unique program. I am not sure if they will remove some of those specific requirements this year so it’s better to be prepared when you register early on September 1st.

The CCO has resources that can help you in the job search. They can review your resume, give a mock interview, and offer workshops to aid you in the process of looking for employment. They also have information sessions listed that are scheduled through CCO. Check here for all CCO related events on campus: https://www.cco.purdue.edu/Calendar

Did you know you can even practice your interview skills at the CCO? You can schedule a mock interview through them. This is a great way to practice your sales pitch! You can schedule a mock interview Monday to Friday between 10am and 4pm under “Undergraduates-Peer Mock Interview: https://www.cco.purdue.edu/Students/WhatWeOffer

Companies are starting to “visit” Purdue to look for potential employees. I use quotes because it seems many are still doing virtual information sessions you have to RSVP for (see CCO calendar link above) ahead of time. If you are really interested in a company, it is a good idea to attend their info session. This is how companies determine that you are “really interested.”

IR Prep Night is on September 6th from 5-9pm; will be a hybrid event. The in-person event will be in the Union Ballrooms and presentations will be streamed on YouTube. More information is found here.

Don’t forget I will be giving a workshop geared on preparing EEE students for job opportunities. The “Job Tune-Up Seminar” is Thursday Sept 2nd from 3 to 5pm in the Fu Room (234) of Potter. As an environmental engineer who has worked in your field, I will give overall tips and advice in addition to answering your questions! There will also be a panel of EEE undergraduate students to discuss their past work experiences and how they obtained their jobs.

Prior to IR, you should research the companies you are interested in. A list of companies coming to IR and links to make appointment are found in the Career Fair Plus App.

**Job Tune Up Seminar by Ms. Whelton**

- **Thursday, September 2 at 3:00pm in POTR 234 (Fu Room)**
- Led by Ms. Meg Whelton. As an environmental engineer who has worked in your field, she will give overall tips and advice in addition to answering your questions! This is a great preparation tool prior to Industrial Roundtable.

**Purdue Engineering Virtual Graduate Showcase - October 3-4, 2021**

Meet Purdue Engineering Graduate Programs and Faculty, and learn about both graduate research and summer undergraduate research programs at Purdue. Free, online, and interactive. Attend event to receive an application fee waiver, in order to apply to Purdue Graduate Programs for FREE (good for up to two years)!

Register to access pre-event content. Present a research poster for cash prizes (optional).

Registration Link: [https://purdue.ca1.qualtrics.com/jfe/form/SV_0kdI2pxrKqUpOjI](https://purdue.ca1.qualtrics.com/jfe/form/SV_0kdI2pxrKqUpOjI)

Learn more from the Virtual Graduate Showcase website.

**Graduate Diversity Visitation Program (GDVP) - October 24-27, 2021**

Come on-campus to visit Purdue University Graduate Programs. This program encourages senior students from historically underrepresented backgrounds to apply. Application deadline is August 29, 2021. Check out the GDVP flyer with eligibility and more information. Application Link: [https://gradapply.purdue.edu/register/GDVP_app](https://gradapply.purdue.edu/register/GDVP_app)

**Purdue Writing Lab**

Looking to get some extra feedback on your writing, but not sure what to do or where to go? The Purdue Writing Lab is here to support you! These resources will help you sign up for the right kind of session for you, set goals and expectations for your appointment, and make the most of your tutoring experience. We have a quick and easy overview handout that details the different types of sessions we offer, tells you how to make an appointment, and clarifies expectations for what to do before, during, and after your tutoring session. Want to sign up for the Weekly Writer newsletter? Click here.
Steps to Leaps - Fall sessions

Steps to Leaps Student Discussion and Dialogues are here. Presentations are being held to provide students with specific info about programs and offices that are available to help support them and help them grow within the Steps to Leaps Pillar areas. The 30-minute conversations are scheduled throughout the entire semester. Topics include Grit, Networking, Leadership, Professional Development, etc. To RSVP and find more info about Steps to Leaps sessions click here.
Undergraduate Assistant Opening

Laboratory for Sustainable Manufacturing (LSM)
Environmental and Ecological Engineering
Purdue University
(https://engineering.purdue.edu/LSM)

There is an immediate opening for undergraduate students within the Laboratory for Sustainable Manufacturing (LSM) that is affiliated with the Environmental and Ecological Engineering (EEE). Project opportunity is briefly described below.

Techno-Economic Assessment (TEA) for Industry Technology Process
The student will undertake techno-economic assessments to evaluate manufacturing process performance such as rare earth elements (REEs) recovery process. Activities may also include performing a comprehensive systems-wide analysis that considers variables such as feedstock inputs and infrastructure availability for gaining process efficiencies and reducing cost. Relevant backgrounds include environmental, chemical, and biological engineering; experience with manufacturing systems, and techno-economic assessment preferred. The assistant will be expected to work approximate 10 hours per week and the project duration is one year.

Interested?
Contact Dr. Aihua Huang (huan1363@purdue.edu) if you are interested in the position or you want more information.
CALLOUT

SEPT 2ND, 6 - 7 PM @ WALC 3154

JOIN US TO MEET FELLOW EEE'S AND LEARN
ABOUT PROFESSIONAL OPPORTUNITIES
MAD MUSH WILL BE PROVIDED