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Protect Purdue

All of the info and resources you may need can be found at [https://protect.purdue.edu/](https://protect.purdue.edu/)

Job Corner with Ms. Whelton, PE

The College of Agriculture spring fair combined with the FNR fair and it is on February 10th from 9:30-3:00pm. This is the last large fair of the semester, so I suggest attending whether you are looking for internships, coops, or fulltime positions. This fair will be virtual and using Symplicity like the CE Career Fair in the fall (different platform than EXPO and IR)! This is really a virtual fair-you show up the day of the event and “stand in line” for the company/companies you are interested in. To prep, I suggest you watch this [video](https://protect.purdue.edu/) (specific to Purdue) explaining how to set up your resume/profile, see employers, and access the fair. A quick tour of the Simplicity virtual platform is found [here](https://protect.purdue.edu/).

So, check it out, and search based on what your interests are as there will be no EEE designation. I suggest looking at the companies looking for environmental type majors (ENRE and NRES). There are several firms (Hormel, V3, Cardno, USDA NRCS, Indiana Department of Environment (IDEM), Lafayette Renew, Lochmueller Group, Illinois/Indiana Sea Grant, etc.) attending that appear relevant to EEEs.

They have a website with information on the career fair: [https://ag.purdue.edu/oap/career/Pages/student_career_fairs_main.aspx](https://ag.purdue.edu/oap/career/Pages/student_career_fairs_main.aspx)
Find the companies attending in the career fair [booklet](https://ag.purdue.edu/oap/career/Pages/student_career_fairs_main.aspx).

The [Professional Practice Career Fair](https://ag.purdue.edu/oap/career/Pages/student_career_fairs_main.aspx) is on February 15th from noon to 8pm. This career fair will also be virtual and using the career fair plus app like IR and EXPO. Although this career fair is primarily focused on co-ops but generally there are internship and permanent opportunities available. Have you thought about co-op? It is a great way to gain substantial experience as a student. For co-ops, only freshman and sophomores are applicable. Internship opportunities generally are open to all students. In the past, some companies only put their internships through this fair so it can be another way to find out about opportunities! I will provide you more information on the process as we get closer to the fair.

They have some great info sessions for this career fair-throughout the spring. Scroll to the bottom of this [link](https://ag.purdue.edu/oap/career/Pages/student_career_fairs_main.aspx) to see all the info sessions. I sent an email out earlier this week listing some of the upcoming sessions. You need to RSVP (respond/sign up prior to the event) to attend. If you are interested in a company (whether full time, internship, or coop), just register if required and attend! I know when have had students work for US Corps of Engineers and HNTB (they do not have us listed as a “suggestion”-attend if you’re interested). Any company that makes something needs an EEE so if you’re interested in a company attend. It is also hard to get “face time” with potential employers due to COVID, so take advantage of any opportunity you can!

If you haven’t been into your CCO account this semester, log in! There is a search engine again, so set it up to help you search for jobs if you haven’t already. Think of key words for your search like environmental, sustainable, civil engineer, water resources, etc. Set up your CCO account here: [https://www.cco.purdue.edu/#myCCO](https://www.cco.purdue.edu/#myCCO)
EEE Travel or Fee Assistance Request Opportunity *

Looking for a funding opportunity to assist with costs associated with your Study Abroad, Global Experience, Service-Learning Project, Conference, etc. that you will attend - virtual or in-person? Students seeking monetary assistance with tuition, fees, travel or related expenses associated with studying abroad, doing/presenting research or other educational activities including travel should use this form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with Tammi Thayer. Applications are due 5pm on March 15, 2021 to Dr. Nina Robinson, EEE Administrative Director. Send to nlrobins@purdue.edu. Application is attached.

SEEE: Alumni Panel

SEEE is back this semester and are kicking it off with a virtual alumni panel on 2/11 at 6:30 pm. Join for a great opportunity to gain insight from recent EEE alums and learn more about what EEEs are doing within industry. All are welcome to attend and SEEE is continuously accepting new members, so if you did not participate last semester don’t worry! To join the meeting click here. Any questions can be directed to Erica at wang3438@purdue.edu.

Grants Available for Community Service Projects

Purdue’s Office of Engagement provides grants to students or student organizations for work on community service learning projects. This program’s goal is to expand community involvement of Purdue students in partnership with communities, nonprofit agencies, schools and governmental bodies. The application deadline is February 24th. Applicants will be notified no later than March 10th. The application and guidelines can be found here. Questions can be directed to Lisa Duncan at lduncan@purdue.edu.

Undergraduate Research Award for Humanities and STEM*

The Undergraduate Award for research and/ or scholarship connecting humanities with science, technology, engineering and mathematics (STEM) is given annually to a Purdue undergraduate student on the West Lafayette campus who best exemplifies the synergistic potential of humanities and STEM in a single research project. This award is open to all Purdue West Lafayette undergraduates, including international and part-time students. The 2021 Award winner will receive $2,500. To apply click here. The deadline to apply is March 1, 2021 more information can be found attached to the end of the newsletter. Questions can be sent to deanoflibraries@purdue.edu.

I2D Expo Call for Posters*

Hosted by the Shah Family Global Innovation Lab, the Innovation for International Development (I2D) Exposition invites guests who are experts in the field of international development to Purdue. This year’s expo will be an entirely virtual event, in which guests will engage with engineering students and faculty working on innovations targeting the Sustainable Development Goals (SDGs) via the virtual platform Zoom. Invited development experts and lecturers will serve as judges for posters, highlighting Purdue’s engineering innovations. After the registration deadline, individuals/teams will be invited to submit a pdf file of their final posters and a 3 1/2-minute (210 seconds) video presentation showcasing their poster. Judges will then score all posters and accompanying video presentations. Videos of 3 selected posters will be showcased during the I2D Exposition’s Poster Award Session, scheduled for April 21st via Zoom. We invite undergraduate and graduate student individuals/teams to submit and present a poster at this year’s exposition! Registration is due February 23rd and can be found here.

Summer Research Program: Sustainability of Civil Infrastructure*

Within the United States, rural areas provide unique resources such as the infrastructure for food and bioenergy production as well as the transportation infrastructure from inland urban centers to ports. Despite this, little attention is paid to the unique challenges and opportunities these areas face concerning building and maintaining civil infrastructure. In this ten-week summer research program (REU), students will work with faculty and graduate students at the University of Nebraska-Lincoln to improve our understanding of how best to address the challenges facing rural environments. Applications are due March 1st and the program will run from May 30th-August 5th. For more information and to apply click here. Flyer attached. Questions should be directed to Christine Wittich at cwittich@unl@edu.
**Fulbright Week by NISO**

NISO is the National and International Scholarships Office. They are offering a bundled week of information sessions on this distinguished award. Information Sessions will be held in person with a remote option available for all except the Monday Open House. More information can be found in the flyer attached to the end of the newsletter as well as their website. Registration is required for all events.

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**Rising Seniors: EEE 48000 Senior Design**

The mainstream senior capstone design course for EEE is EEE 48000. Students take this course in their final full academic year (fall-spring) and work on the same team with the same sponsor/client through that year. If you plan to graduate in May, August, or December of 2022 you will discuss enrolling for EEE 48000 next fall with Tammi during your registration appointment. Projects are coordinated by the instructional team, and teams are formed by the instructional team based on survey results given in the 1st week of the term to those enrolled. Next year’s instructional team is Prof. Nies and Ms. Whelton. You can learn more about projects from previous years on the EEE site at Current Undergraduate Students > Opportunities for Enrichment > Senior Design.

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**Speed Friending by PSUB**

Speed Friending hosted by the Purdue Student Union Board - It has been extremely difficult for many to make friends these past several months. Building a community with other Boilermakers is part of what makes your Purdue journey a memorable experience. For many students, COVID has taken its toll and been a detriment to their social health and well-being. At Speed Friending, there will SAFE and FUN ways to meet new people through interactive games, crafts, and conversation starters.

The event is Saturday, February 6th in both PMU ballrooms at 7:00pm and 8:00pm. Students must RSVP on BoilerLink. The poster is attached.
Environmental and Ecological Engineering

Travel Assistance Request Form: Study Abroad, Global Experience, Service-Learning Project, Conference, etc.

Students seeking monetary assistance with tuition, fees, travel or related expenses associated with studying abroad, doing/presenting research or other educational activities including travel should use this form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with the EEE Associate Director of Advising. Applications are due to the EEE Administrative Director by relevant deadline.

Application Deadlines: October 30 for support of winter or spring term experiences
March 15 for support of summer or fall term experiences

Basic information:
Name, PUID __________________________________________________________
Semester/Dates of travel ________________________________________________
Location/Program/Conference Name _______________________________________
Number of credits to complete (if applicable) ______________________________
Specific course equivalencies (list) _________________________________________
Name all faculty sponsors (if applicable) ___________________________________

Personal Statement: On a separate sheet in 500 words or less, describe the planned experience and how it will help you to grow as an individual and future professional, as well as any benefits to clients or community groups. Include relevant details on how funding could eliminate financial obstacles to your participation.

If the experience is not a course-based program (study abroad), answer each of the following in your statement and have the lead/supporting faculty member or instructor indicate approval with a signature.

1. Describe the project or area to be studied. What are the main questions of study?
2. Describe your learning objectives and goals? What do you hope to accomplish through the experience?
3. Describe how you will show you have met your learning objectives — what products, reports, or other deliverables will you produce to show that you have met the objectives?
4. Describe how your project relates to EEE, to material covered in other EEE courses, and/or to your professional goals.
5. If credit for a course will be given, state how you intend to use this credit toward EEE degree requirements.

Estimated Budget:

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Funding Already Received:

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List other funding sources being pursued: __________________________________________

Have you received previous funding from EEE:
☐ No
☐ Yes For what? Amount? _______________________________________________________

If EEE agrees to provide support, you will be required to provide a “deliverable” to EEE. Indicate below how you wish to meet this requirement.

☐ Presentation to EEE 29000 Intro to EEE Seminar
☐ Poster for display
☐ Presentation to EEE affiliated student organization
☐ Report
☐ EEE volunteer hours upon return to campus (~10hrs)
☐ Other __________
☐ Write student spotlight to be featured on EEE webpage
The Libraries and School of Information Studies is delighted to announce the Undergraduate Research Award for Humanities and STEM

The Undergraduate Award for research and/or scholarship connecting humanities with science, technology, engineering, and mathematics (STEM) is given annually to a Purdue undergraduate student on the West Lafayette campus who best exemplifies the synergistic potential of humanities and STEM in a single research project. This award is open to all Purdue West Lafayette undergraduates, including international and part-time students. The 2021 Award winner will receive $2,500.

Criteria

The recipient of this award will,

1. exhibit exemplary research and writing skills
2. have completed or made substantial progress on a research project with humanities/arts and STEM components between January 1, 2020 and January 31, 2021
3. have participated in
   a. an OUR (Office of Undergraduate Research) program or
   b. in a college or department undergraduate research effort, or
   c. have been selected to publish in JPUR: Journal of Purdue Undergraduate Research
4. submit a product of their research (documents and/or photos)
5. be in good academic standing and working on their first degree at Purdue University WL
6. permit Purdue Libraries and School of Information Studies to use their photo, story and name in communications (social media, newsletter, etc.) in conjunction to the Award

Application Process

Please complete this application form or submit the following to deanoflibraries@purdue.edu by March 1, 2021.

1. your name
2. anticipated graduation year
3. major(s)
4. name and email of faculty mentor or reference
5. short description of research (500 words maximum)
6. the Purdue program you participated in: OUR, a college or department research effort, or JPUR
7. the completed/in progress research project (or photos if the product is an art piece)
8. how you first heard about this award
The deadline for all applications for the Undergraduate Research Award for Humanities and STEM is March 1, 2021.

Selection and notification of the award will be made by the Dean of Libraries and School of Information Studies.

The award will be presented at the Libraries and School of Information Studies Annual Awards ceremony, which is typically held in late spring. For clarifications or questions, please call the Libraries Administrative Office at 765-494-2902 or email us at deanoflibraries@purdue.edu.

About the Undergraduate Research Award for Humanities and STEM

This award was established in 2020 with creativity, passion and generosity from Stephen Pater (BSAE ’65, MSAE ’66) to encourage and inspire undergraduate students to pursue blended research in humanities and STEM fields.

Pater retired as a computer systems security specialist at Boeing Company. He previously held several positions at Boeing, including systems data analyst and information systems project engineer. Prior to Boeing, he worked in information systems planning at Rockwell International.

As a Purdue student, Pater was a member of the Symphonic Band. He was also involved in Sigma Gamma Tau, an aerospace engineering honor society, and Tau Beta Pi, the second-oldest honor society in the country and the only engineering honor society to represent the entire engineering profession. After graduation, Stephen joined Volunteers in Service to America (VISTA), which took him to southern California for a time. He earned his MBA from the University of California, Los Angeles (UCLA) Anderson School of Management and spent some time during his career teaching at UCLA extension campuses.

Today, he calls himself a proud “Boilermaker Bruin.”
About the I^2D Exposition
Hosted by the Shah Family Global Innovation Lab, this year’s Innovation for International Development (I^2D) Exposition invites guests who are experts in the field of international development to virtually engage with students and faculty working on innovations targeting the Sustainable Development Goals (SDGs). Invited development experts and lecturers will serve as judges for the posters highlighting Purdue’s innovations. We invite undergraduate and graduate students teams to submit a poster at this year’s exposition.

Poster Awards Selection
After the registration deadline, registered student individuals/teams will be invited to submit a pdf file of their final posters and a 3 1/2 minute (210 seconds) video showcasing their poster. Judges will then score all posters and accompanying video presentations. Videos of 3 selected posters will be showcased during the I^2D Exposition’s Poster Award Session scheduled for April 21st via Zoom.

Eligibility
Student teams working on an innovation for international development are invited to contribute a poster at this event. We are seeking a diverse set of projects to be presented from across the university.

For more information and to register by Tuesday, February 23rd, 2021
11:59pm EST
visit-https://bit.ly/3qXWNSk

Top student posters will be awarded prizes to be used toward project expenses or student travel:

1st Place - $750
2nd Place - $500
3rd Place - $250

Finalists and Winners of poster awards will be announced on April 21st

Please email Rhonda Haan at rhaan@purdue.edu if you have any questions.

Expand your world.
Global Engineering Programs and Partnerships

engineering.purdue.edu/GEP/I2DLab
Within the United States, rural areas provide unique resources such as the infrastructure for food and bioenergy production as well as the transportation infrastructure from inland urban centers to ports. Despite this, little attention is paid to the unique challenges and opportunities these areas face with respect to building and maintaining civil infrastructure.

In this **ten-week summer research program**, students will work with faculty and graduate students in the Department of Civil and Environmental Engineering at the University of Nebraska-Lincoln to improve our understanding of how best to address the challenges facing rural environments. This program plans to conduct an on-campus (in-person) experience in summer 2021. However, summer 2020 was successfully conducted virtually and similar accommodations will be made in summer 2021 if required.

**Who Should Apply?**
- Must be US Citizen or Permanent Resident
- Current undergraduate with at least one semester of coursework remaining before obtaining BS
- We encourage applications from all undergraduate students including freshman and sophomores
- Students majoring in related fields: civil engineering; environmental engineering; physics; mathematics; natural sciences

**Benefits**
- **Competitive stipend:** $6,000
- Double-occupancy room and meal plan
- Travel expenses to and from Lincoln
- Campus parking and/or bus pass
- Full access to the Campus Recreation Center and campus library system
- Wireless internet access
- Social and professional development events

**Application Deadlines**
- **November 15** - Application opens
- **February 1** – Priority Deadline
- **March 1** – Application closes
- **April 1** – Decisions complete
- **Program dates:** May 30 – August 5

**For More Information**
Contact the program coordinator: Christine Wittich, Assistant Professor, Department of Civil and Environmental Engineering, 402-472-1915, cwittich@unl.edu

**For more information and to access the on-line application**
[www.unl.edu/summerprogram/civil](http://www.unl.edu/summerprogram/civil)
FEB. 15-18, 2021

Information sessions for all things Fulbright, including the U.S. Student Program, research and study grants, English teaching assistant grants, and Fulbright Scholars grants!

Fulbright is for all majors! In person spaces are limited; please RSVP early to secure your space if you prefer that option. Synchronous virtual session links will be sent the day of the session to those who RSVP.

www.purdue.edu/niso/fulbrightweek

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<td>6:00 - 7:30 pm</td>
<td>Fulbright U.S. Student Program Overview &amp; Alumini Panel</td>
<td>Fulbright for Graduate Students</td>
<td>3:00pm - Fulbright Scholar Grants (Faculty Only)</td>
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FULBRIGHT U.S. STUDENT PROGRAM OVERVIEW:
Basic information for those considering a Fulbright down the line, especially freshmen and sophomores. More specific information for applicants desiring a 2022-23 grant given in Tuesday, Wednesday, and Thursday sessions.

RESEARCH AND STUDY GRANTS:
Apply to fund independent research or study in a foreign country during 2022-23. Learn the details of the application process and how Fulbright can best meet your needs. Juniors, seniors, recent alumni, and graduate students attend.

GUIDANCE FOR GRADUATE STUDENTS:
Join us to discuss applying for grants to fund independent research abroad during 2022-23. This grant can also fit into a secondary degree from an institution abroad. If you are unable to attend this session, please attend any Research and Study Grants session.

FULBRIGHT SCHOLARS GRANTS:
Professor Chris Lukasik describes the multiple possibilities in the Fulbright Scholars program. This category of Fulbright grants are for faculty only.

ENGLISH TEACHING ASSISTANT GRANTS:
Excited by the prospect of putting your tutoring, teaching, or mentoring experience to use by teaching English in another country? English Teaching Assistants also serve as U.S. cultural ambassadors in more than 70 countries. These sessions are for applicants aiming to be abroad in 2022-23. Juniors, seniors, recent alumni, and graduate students apply.

FULBRIGHT FOR STEM MAJORS:
STEM undergraduates and grad students – wondering how a Fulbright year can fit into your study and professional goals? Whether between graduation and your next step or looking to research abroad for your thesis/dissertation, STEM applicants for a 2022-23 grant begin positioning their qualifications, research, and “cultural exchange” aspirations now.

FULBRIGHT FOR CLA GRADUATE STUDENTS:
College of Liberal Arts Ph.D. and Master’s students, join us to discuss applying for grants to fund independent research or teaching English abroad through Fulbright. CLA alumni who received Fulbright grants will share their experiences and be on hand (virtually) to answer questions following the NISO presentation.
SPEEDFRIENDING

FEBRUARY 6TH
7:00 & 8:00PM • UNION BALLROOMS
MEET NEW PEOPLE, MAKE FRIENDS, & GET INVOLVED

FEATURING
INTERACTIVE ACTIVITIES, CONVERSATION STARTERS, & TRIVIA!
RSVP ON BOILERLINK!