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Fall 2017 Registration Season for EEE- Time Tickets & Holds

- Undergraduate students who will be registering for Fall 2017 should have received instructions via email from Tammi Thayer on Thursday, Feb. 9 about EEE mentoring and advising steps. The subject was “EEE Registration: Fall 2017, Newsletter, Mentor. Read this entire message!”. Dig this out of your inbox to begin these important steps.
- Specific “time tickets” for Fall 2017 are live. Find your time ticket via myPurdue > Registration tab > Registration Status. View the time ticket group dates (ie - priority, soph, junior, senior weeks of registration), as well as answers to general questions at https://www.purdue.edu/registrar/currentStudents/students/registrationFaq.html
- Check for Holds! Students are responsible for addressing all Holds that could delay their registration. There are several types of Holds. Find further instructions at https://www.purdue.edu/registrar/currentStudents/students/holds.html, including instructional aids/videos on how to remove:
  - Financial Obligation Hold
  - Emergency Contact Hold
  - NEW - GPI Experiences Survey Hold

EEE Combined Degree Program Callout*

- An information session/callout for Juniors will be held Thursday April 6, 2017 in POTR 234 Fu Room at 5 pm.
- The EEE Combined Degree Program allows a student to receive a BS degree, and with one additional year of study, a non-thesis Master’s 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.
- See attached flyer for more details.

Access to Safe Potable Water in the US: Infrastructure Inequality and Environmental Injustice*

- Kelsey J. Pieper, PhD. USDA NIFA Fellow will host a seminar on a Flint Water Collaborative Research-Citizen Project
- The seminar will be on Monday, April 24, 3:30pm at Dean’s Auditorium in Pfendler Hall (PFEN)
- See attached flyer for more details

Job Corner with Ms. Whelton, PE

- Still looking for an internship or full time position? The “Hire Big 10 Plus Virtual Career Fair” is on April 12th. Several companies are looking for environmental engineering majors including the Federal Energy Regulatory Commission, International Atomic Energy Agency, and the Peace Corps! So check this event out and the companies that are attending. Check out the “chat schedule” tab for the specific times (central time) that each employer will be available. More information on the career fair is found here: https://www.cco.purdue.edu/Calendar/Default.aspx?id=1960
On April 12th there is also a Networking Night for underrepresented groups sponsored by the Women in Engineering Program, Minority Engineering Program, and the International Student Peer Coaching program. Over 50 company representatives are committed to attend looking for students looking for internship and full time positions. More information is found here: [https://engineering.purdue.edu/Engr/AboutUs/News/Events/engineering-industry-meet-greet-networking-event-for-underrepresented-groups](https://engineering.purdue.edu/Engr/AboutUs/News/Events/engineering-industry-meet-greet-networking-event-for-underrepresented-groups) Networking is a great way to find job opportunities.

The last career fair of the season, the “Just In Time Career Fair”, is on April 13th from 10am to 3pm in PMU ballrooms. This is the last on campus chance to look for job opportunities. [https://www.cco.purdue.edu/Calendar/Default.aspx?id=2008](https://www.cco.purdue.edu/Calendar/Default.aspx?id=2008) Don’t forget to check our website for job opportunities, my emails, and sign up for the CCO job site too! There are still many opportunities out there.

Are you wondering what counts as “experience” for your resume? A job opportunity in your area of focus is a great way to get experience onto your resume but there are others. Don’t forget that experience in the “soft skills” is very important and can be obtained by any job. Also, research is a great way to gain expertise and experience in your area of focus.

There are also some great events coming up through the CCO. See the details below and attend if you are interested.

### Undergrad Summer Intern openings for Prof. Sutherland*

- Professor John W. Sutherland at EEE is seeking motivated undergraduate students to assist with a research project funded by the U.S. Department of Energy (DOE). 10-15 hours a week for 8-10 weeks, starting from May 2017. $10 per hour
- There are 2 positions available, see attached flyers for both job descriptions

### Volunteers, interns sought for Mandela Washington Fellowship at Purdue*

- Purdue University will host 25 of Africa’s brightest emerging leaders for an academic and leadership institute focused on business and entrepreneurship from June 16 to July 28 and needs volunteers and interns to assist with the program.
- Purdue students who have an interest in business and entrepreneurship in fields related to agriculture and engineering and who have completed at least two semesters in undergraduate study in any major are welcome to apply. Interns will work on a variety of projects, including coordinating networking events and assisting with site visits during the fellows’ stay at Purdue.
- Interns will receive a stipend of $500 for their six-week involvement, with an average time commitment of eight hours per week.
- See attached flyer for more details

### C4E Summer Ugrad Research Internship*

- The C4E is now accepting applications for Summer Undergraduate Student Research Internships. These internships provide funding to support undergraduate students who are interested in working with a Purdue faculty mentor on a field or laboratory-based research project related to the environment.
- The internships will provide support for 20-40 hours per week for up to 8 weeks at $10 per hour. Please see the attached RFA for details about the applications process.
- Deadline for submission is April 20, 2017.
Boiler Gold Rush Awareness Campaign*

- Starting Monday, April 10th, Boiler Gold Rush will kick off the #WeAreMore campaign to bring awareness of the stereotypes students deal with daily on our campus.
- If you wish to participate in their events in person or on social media they will be on campus from 11 am to 2 pm Monday, April 10th through Thursday April 13th, at the Bell Tower, as well as Ford, Wiley, and Earhart Dining Courts
- See attached flyer for more details

Win free tickets to Startup Weekend Purdue

- Are you interested in having your own startup? Do you have a business idea you want to put to the test? Startup Weekend Purdue is for you! Experience the entrepreneurial process as you transform an initial idea into a prototype and polished pitch with mentorship from established entrepreneurs
- Startup Weekend Purdue (http://bit.ly/SWPurdueInfo) takes place on April 21st - April 23rd at The Anvil
- Fill out a quick form for your chance to win FREE Tickets! http://bit.ly/SWPContest
- Contest ends on 4/12 @ 11:59 PM

Course: CE 44300 is Back*

- Introductory Environmental Fluid Mechanics (CE 443) will be offered Fall 2017
- Prof. Cary Troy will teach the class MWF 1:30 pm
- See attached flyer for more details

New Course: ENGL 34400 Environmental Ethics, Policy & Sustainability

- This new general education elective course will cover ethical, political and cultural issues in relation to today’s grand environmental and sustainability challenges. See attached flyer for more info.
- This has been added to the approved list of courses that meets the EEE General Education requirement for “intersection of Society and the Environment”

New Course: ENGR 29600 Cross Cultural Leadership Skills for Engineers
Finals Stress—Wellness Can Help

There are several ways that Wellness can help students who are stressed at the end of the semester. Our Peer Mentors can meet with students to talk about time management or reducing stress as projects and studying for finals week approaches. Presentations on these topics and others are available for student organizations or in classrooms, too! And don’t forget about massage therapy, which helps all of us (faculty and staff, too) refocus and regroup for the end of the semester. For more information, contact the Wellness Suite at 765.496.1788.

April 5 – 11, 2017
10 Shocking Reasons People Have Bad Writing—Back to the Basics Workshop Series

Thursday, April 10th, 6:00 – 7:00 PM
Asian American and Asian Resource and Cultural Center (AAARCC), 915 5th St, West Lafayette

Most people know bad writing when they see it, but they have no idea how to turn it into good writing. This workshop will provide attendees with 10 ways to turn bad writing into good writing and an opportunity to work on their own writing. Attendees can bring a writing assignment or paper they are currently working on to practice the skills learned in this workshop. This workshop is geared toward multilingual writers, but all writers are welcome to attend.
Information Session
Call Out for Juniors

Who is 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

Thursday
April 6, 2017

POTR 234 Fu Room

5:00 PM

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 Master’s 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.
If you would like to meet with Dr. Pieper, please contact Connie Foster at 4-4773 or cfoster@purdue.edu
Environmental and Ecological Engineering (EEE)
Undergraduate Research Assistant

Professor John W. Sutherland at EEE is seeking a motivated undergraduate student to assist with a research project funded by the U.S. Department of Energy (DOE). 10-15 hours a week for 8-10 weeks, starting from May 2017. $10 per hour.

**General Description:**
Student will be assisting two graduate students to assess the techno-economic performance of (bio) chemical technologies funded by DOE. Primary responsibility will be to review the literature, communicate with national lab researchers to understand the technologies, and/or analyze data in the field of hydrometallurgy, thermodynamics, and/or aquatic chemistry. The work requires signing a non-disclosure agreement.

**Job Duties:** (include but may not limited to)
1. Communicate with graduate students and national lab researchers
2. Perform literature review and learn new technologies
3. Analyze data

**Qualifications Required:**
1. Academically well-prepared undergraduate student
2. Knowledge of metallurgy and/or thermodynamics (hydrometallurgy or aquatic chemistry) is preferred
3. Ability to work with multiple audiences, such as peers, faculty and other researchers
4. Upon hire, must sign a non-disclosure agreement

If interested, please send resume to Hongyue Jin at jin156@purdue.edu no later than Friday, April 21.
Environmental and Ecological Engineering (EEE)
Undergraduate Research Assistant

Professor John W. Sutherland at EEE is seeking a motivated undergraduate student to assist with a research project funded by the U.S. Department of Energy (DOE). 10-15 hours a week for 8-10 weeks, starting from May 2017. $10 per hour.

General Description:
Student will be responsible for developing a VBA software embedded in an Excel spreadsheet to help assess the techno-economic performance of new projects funded by DOE. Primary responsibility will be to program using VBA and integrate it with Microsoft Excel and Microsoft Access. The required software features and functions will be provided by two graduate students at Purdue. The work requires signing a non-disclosure agreement.

Job Duties: (include but may not limited to)
1. Communicate with graduate students to understand the software requirements
2. Program using VBA
3. Develop a Microsoft Access Database and connect it with VBA and Excel

Qualifications Required:
1. Undergraduate major in computer science is preferred
2. Knowledge of VBA, Excel, and Microsoft Access
3. Ability to work with multiple audiences, such as peers, faculty and other researchers
4. Upon hire, must sign a non-disclosure agreement

If interested, please send resume to Hongyue Jin at jin156@purdue.edu no later than Friday, April 21.
Volunteers, interns sought for Mandela Washington Fellowship at Purdue University

WEST LAFAYETTE, Ind. - Purdue University will host 25 of Africa’s brightest emerging leaders for an academic and leadership institute focused on business and entrepreneurship from June 16 to July 26 and needs volunteers and interns to assist with the program.

Purdue students who have an interest in business and entrepreneurship in fields related to agriculture and engineering and who have completed at least two semesters in undergraduate study in any major are welcome to apply. Interns will work on a variety of projects, including coordinating networking events and assisting with site visits during the fellows’ stay at Purdue.

Interns will receive a stipend of $500 for their six-week involvement, with an average time commitment of eight hours per week.

The application review process begins April 14; however, applications will continue to be accepted through May 1. Those interested in intern positions should email a cover letter and resume to mwf@purdue.edu.

In addition to interns, the program also is seeking volunteers who want to help provide facilitation and assist with logistics during the fellows’ stay at Purdue. Those interested should visit www.purdue.edu/mandela-fellowship/get-involved/ and sign up by completing the volunteer form.

The Mandela Washington Fellowship, the flagship program of the Young African Leaders Initiative, empowers young African leaders through academic coursework, leadership training, mentoring, networking, professional opportunities and support for activities in their communities. Fellows are from across sub-Saharan Africa and have established records of accomplishment in promoting innovation and positive change in their organizations, institutions and communities. The cohort of fellows at Purdue will be part of a larger group of 1,000 Mandela Washington Fellows hosted across the U.S. this summer.

Biographical information about the fellows will not be available until June, but you can review past profiles here at http://www.purdue.edu/mandela-fellowship/fellows/. The website also has more information about the program, and questions about the program can be directed to the Mandela Washington Fellowship staff at mwf@purdue.edu.

The Mandela Washington Fellowship is sponsored by the U.S. Department of State Bureau of Educational and Cultural Affairs and administered by International Research & Exchanges Board (IREX). Purdue’s Institute is co-sponsored by Discovery Park’s Burton D. Morgan Center for Entrepreneurship, Office of Executive Vice President for Research and Partnerships, Center for Global Food Security, Krannert School of Management, Office of Engagement, and the Colleges of Engineering and Agriculture.
Summer Undergraduate Student Research Internships  
Request for Applications  
Summer 2017 
Deadline: April 20, 2017 at 5pm

The C4E Summer Undergraduate Student Research Internship provides funding for students to work with a Purdue faculty mentor on a field or laboratory-based research project related to the environment. These research internships will provide funding for between 20-40 hours per week for 8 weeks at $10 per hour. Funding will be commensurate with the proposed plan of work. Any Purdue University undergraduate student in good standing is eligible to apply.

The application, to be written and submitted by the student applicant, in collaboration with her/his faculty mentor, must include:

1. **Cover Page:** The cover page (see page 2 of this RFA) should be completed and then signed by both the applicant and the faculty mentor.

2. **Project Description:** Limited to 2 pages (Arial 11 point font and 1 inch margins). References do not count in the page limitation. Please include each of the following elements in your project description.
   - **a. Lay summary:** Provide a short statement describing the proposed project in language for a non-specialist. (This statement may be posted on the C4E website.)
   - **b. Project details:** State the goals, significance of project, plan of work, and expected final outcome(s).
   - **c. Expected benefit:** Provide a short description on how the experience will benefit your educational and/or professional goals.
   - **d. Connection to C4E:** Describe how the project fits within the C4E Strategic Vision.
   - **e. Funding request:** Indicate the number of hours per week you are requesting.

3. **Student transcript (unofficial copy is fine).**

Submit your application by e-mail, as a single PDF, to environment@purdue.edu. **Applications will be reviewed on a rolling basis (as they are received), but must be received by 5pm on April 20, 2017.**

Awards will be based on the quality and feasibility of the research design, significance of the research project, benefit to the student, and fit to the C4E strategic vision (you can review the center’s strategic vision here: [http://www.purdue.edu/discoverypark/environment/about/vision.php](http://www.purdue.edu/discoverypark/environment/about/vision.php)). Awards will be available immediately following the spring semester.

At the end of the summer, student interns will be required to:

1. Write a short final report describing the results of the summer research project. A template will be provided to awardees and will be due at the end of August.
2. Present their research project in a poster presentation at the C4E Community Mixer in the fall.

For more information on the process or individual inquiries, please contact Rose Filley, C4E Managing Director, e-mail: rfilley@purdue.edu, phone: 765-496-3211.
2017 C4E Summer Undergraduate Research Internship Application Cover Page

Title of Project:

Project Start and End Date:

Below to be completed by Student

Name:

Local Address:

Email:

Major and School:

Year (i.e. Junior):

Overall GPA:

*Please attach an unofficial transcript with the application.

Below to be completed by Faculty Research Mentor

Faculty Mentor, College/Department, and Rank:

Faculty Mentor Email:

Faculty Mentor Phone Number:

Applicant Signature/Date:

__________________________________________________

Faculty Research Mentor Signature/Date:

_____________________________________

2017 C4E Summer Undergraduate Student Research Internship Cover Page
Back by popular demand

Introductory Environmental Fluid Mechanics (CE443)

Fall 2017, MWF 1:30pm

“This course changed my life.”
- Course instructor

Course Description:
This intermediate-level course examines the fluid mechanics of natural and environmentally-relevant fluid flows, with applications in a wide variety of engineering specializations.

Topics include: Boundary layers, turbulence, convection, jets and plumes, atmosphere and hurricanes, drag and lift, geophysical flows, viscous flows, and density-stratified flows.

Prerequisites: CE340 (Hydraulics) or equivalent first-level course in fluid mechanics, and solid skills in calculus (integration and differentiation).

Questions? Email Prof. Cary Troy (troy@purdue.edu)