**EEE Newsletter**  
April 18, 2018

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**EEE Office: 2018-2019 Student Worker Position Available**

- The EEE Office has a student worker position to fill for next academic year. The student hired will be responsible for performing general administrative support in the EEE office. Primary responsibility will be to provide assistance to Tammi Thayer in her role as Associate Director of Advising. This individual should be highly motivated, and able to work 8-10 hours/wk.  
- A full job description is attached. If interested, please send resume to Tammi at thayert@purdue.edu no later than 8AM Monday, April 23.

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**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/1FAIpQLSfkQlPplZDAUyGgJelvOdMsG_jbjJN3tDD4qqgje8bMb5CwVA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfkQlPplZDAUyGgJelvOdMsG_jbjJN3tDD4qqgje8bMb5CwVA/viewform)

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**Looking for Summer/Fall Undergraduate Researchers**

- Professor Hua Cai and her research group are looking for 2-3 undergraduate researchers to help on the sustainable consumption project.  
- This project studies consumers’ shopping behavior using the eye tracking glasses (look similar to the Google Glasses but with sensors that can track consumers’ eye movements and provide data on what information the consumers used to make decisions). Working on this project, you can earn research credits and gain research experience!  
- Requirements: *Available for at least 8 hours each week.  
  *Stay on the project for at least two semesters.  
- To apply, please send your resume to Li Song (song335@purdue.edu) and note:  
  (1) Which position do you want to apply for? (i.e. work with human or data);  
  (2) Do you have a car?  
  (3) Which semester would you want to start working on the project? (e.g., Summer / Fall 2018)  
  (4) How many hours you’d like to spend on research each week?  
- See attached flyer for more info

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**OFE is Hiring for Summer**

- The Office of Future Engineers is currently hiring Pre-College Student Advisors (PSA’s) for the summer semester.  
- All PSA’s start out at $8.00/hour, and would be required to work a minimum of six hours per week. OFE would like to hire early in a students’ degree program, but they hire at all undergraduate grade levels as long as they are enrolled in the College of Engineering (they don’t currently hire graduate students for this position).  
- The job description is attached.
REU Opportunity at Purdue*

- The Fei lab at Purdue University is accepting applications for 1-2 REU positions in forest invasion ecology.
- The undergraduate student(s) will be based in West Lafayette and would work on projects for the NSF MSB-FRA Award # EF-1638702, *Modeling Invasion Dynamics Across Scales (MIDAS)* in collaboration with members of the Fei lab.
- Two specific areas of research interest are available:
  - Investigating associations between forest understory invasion patterns and forest tree mycorrhizal types.
  - Determining the influences of forest canopy phenology and structure on plant invasion.
- Applications are due on April 20, 2018
- See attached flyer for application and program information.

HENAAC Scholarship Program 2018

- Applications for the HENAAC Scholarship Program are 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/](https://henaac-scholars.org/)

New EPICS Team for Fall 2018: Team Wolf*

- The new WOLF EPICS team will work with Wolf Park in the Battle Ground, Indiana to make improvements to the park’s infrastructure, including redesign of animal enclosures and exhibits. Students on this team will have many opportunities to get up close and personal with wolves, foxes, bison, and more.
- This team will work on a fox enclosure project and an education project.
- A 1-2 credit class is offered on Fridays from 1:30-3:20pm. See attached flyer for more info

Courses: ENTR 31000 and ENTR 31500*

- For those who have taken ENTR 20000 as prerequisite, you may be interested in ENTR 31000 *Marketing and Management for New Ventures* or ENTR 31500 *Business Planning for Social Entrepreneurship*.
- See the attached flyer to learn more about course instructors, and more about the new ENTR 31500 Business Planning for Social Entrepreneurship. Both ENTR 31000 and 31500 fulfill the second core requirement for the Certificate in Entrepreneurship and Innovation.
- EEE will use these courses toward Technical Elective (TE) credits.

Course: ENGR 396 Well-being, Leadership, Diversity & Inclusion in Engr*

- ENGR 396 (CRN 15802) is the only course for undergraduate engineering students at Purdue that combines campus leadership, personal wellbeing, diversity and inclusion. This is the last year ENGR 396 will be offered at Purdue.
- This is a half-semester course that provides undergraduate engineering students with opportunities to improve well-being, increase leadership potential, and promote inclusion and diversity in engineering. Students will have the opportunity to engage in a community engagement leadership project, receive feedback from corporate representatives, and develop skills including, but not limited to building resilience, well-being, and self-awareness.
- For questions regarding ENGR 396, please email Julianna Ge at ge45@purdue.edu or see attached flyer.
- EEE will use this course toward Technical Elective (TE) credits.

Writing Lab Event

- Workshop: Professional Email Communication: **April 18, 1:30-2:30pm**
- This event will focus on the fundamentals of professional communication, particularly in school/work related settings.
- Advance registration required. Go to [https://www.facebook.com/events/317474128658678/](https://www.facebook.com/events/317474128658678/)

Student Profile Server Reset on May 10th

- The ECN student profile servers will be reset by Thursday, May 10th, 2018. Any data saved on your R: drive will be deleted and will NOT be recoverable. Make sure any data stored on your R: drive is moved to your U: or W: drive.
Environmental and Ecological Engineering
Student Office Assistant & MyPurduePlan Peer Mentor

EEE is seeking a motivated student to assist with administrative office functions 8-10 hours per week. $8 per hour. Work Study status is preferred but not required.

General Description:
Student will be responsible for performing general administrative support in the EEE office, which may include working with confidential material. Primary responsibility will be to provide assistance to the EEE Associate Director of Advising. Student will become familiar with the EEE degree requirements and how they fit into myPurduePlan. Student will work under moderate supervision and be expected to exercise a high level of time management and independent judgment.

Job Duties: (may include but not limited to)
Greet and provide information to visitors, which may include current students, prospective students and family members, prospective faculty, and professionals from industry
Assist with special projects and/or events, as needed
Proofread documents
Operate standard office equipment
Copy, sort and file paperwork
Help compose correspondence
Organize content for and create the bi-weekly EEE Student Newsletter
Complete training in how to use the Plans tab of myPurduePlan
Assist EEE students with entering their individualized plans of study in myPurduePlan, if needed
Act as an ambassador of EEE at events outside of scheduled hours, as needed

Qualifications Required:
Knowledge of Microsoft Office (Excel, Word, Powerpoint)
Ability to work with multiple audiences, such as peers, faculty and staff
Ability to learn how to use basic office equipment
Exhibit strong writing, verbal and proofreading skills with close attention to detail
Demonstrate professionalism and excellent customer service skills
Upon hire, must complete FERPA certification (brief confidentiality training)
Website experience a plus

If interested, please send resume to Tammi Thayer at thayert@purdue.edu no later than 8AM of Monday, April 23.
Sustainable Consumption Research Project

What we do?
We study consumers’ shopping behavior using the eye tracking glasses for understanding sustainable consumption.

Who we are looking for?
Human-oriented undergraduates
• Students will go to a local supermarket (in Lafayette) to collect data on weekly basis
• Students who feel comfortable to interact with others and have a car (preferred but not required)

Data-oriented undergraduates
• Students will help on data processing and analysis (i.e., raw data cleaning, integration, exploratory analysis)

Contact:
Li Song, song335@purdue.edu
(Please attach your resume and indicate whether you’d like to work with human or data)

Requirements
• Available for at least 8 hours each week
• Stay on the project for at least two semesters
Office of Future Engineers- Pre-College Student Advisors Position

Job Description

The Office of Future Engineers is a main point of contact for prospective Purdue University Engineering students and their families. The office in Armstrong Hall of Engineering (ARMS1085) hires undergraduate students from Purdue University’s College of Engineering to provide information and answer questions about the Engineering Program and recruit prospective students, who are thinking about pursuing Engineering at Purdue. The student staff also serves as a supporting role for the Office of Future Engineers as a whole in planning programs and events for prospective students and their families. This position is open to any undergraduate student, who is currently pursuing a major in Purdue University’s College of Engineering. This student should be a motivated and committed team player that would portray Purdue University and the College of Engineering in a positive light to guests visiting Purdue. He/she must be willing to meet the expectations to accomplish the desired goals and objectives of the Office of Future Engineers.

Job Responsibilities

- Check and respond to incoming emails.
- Answer phone calls and respond to questions accurately and concisely.
- Provide testimonials about being an engineering student at Purdue.
- Present at Engineering Information Sessions for prospective students and their families.
- Meet and speak with prospective students and their families to provide them with information and clarification about the undergraduate Engineering program at Purdue.
- Give tours of Armstrong Hall and other Engineering facilities to prospective students and their families.
- Help develop programs which will include collaborating with current students and Alumni.
- Create and email invitations to prospective students for upcoming events across the country.
- Register and update participants in events online.
- Coordinate school and group visit requests.
- Coordinate chats and webinars with student staff and email invitations to admitted students.
- Assist with daily operations of the office including creating packets and other assignments as needed.
- Will report to Office Manager for the Office of Future Engineers (Lindsay Elias lindsaye@purdue.edu)

Computer Competencies

- Intermediate/advanced level user of Microsoft Office Suite- including Excel, Word, PowerPoint, and Outlook
- Experience with databases, search engines, internet navigation
REU positions in forest invasion ecology

The Fei lab at Purdue University is accepting applications for 1-2 Research Experience for Undergraduate (REU) positions. The undergraduate student(s) will be based in West Lafayette and would work on projects for the NSF MSB-FRA Award # EF-1638702, *Modeling Invasion Dynamics Across Scales (MIDAS)* in collaboration with members of the Fei lab. Two specific areas of research interest are available, including (1) investigating associations between forest understory invasion patterns and forest tree mycorrhizal types, and (2) determining the influences of forest canopy phenology and structure on plant invasion.

The students will primarily be responsible for assisting with tasks related to expanding the current project. In particular, students will be expected (1) to collect species trait and/or remote sensing data, and (2) to assist in analyzing data and producing papers. Preferred qualifications include (but are not required): quantitative and computational skills, and experience with working with GIS and remote sensing data.

This is a 12-week position during the summer term starting during the 2nd or 3rd week in May of 2018 and a successful applicant will be expected to work 40 hours per week. Compensation is $6,000 over the course of 12 weeks. A successful applicant is expected to secure their own lodging, meals, and transportation. Students from underrepresented groups and from institutions with limited research opportunities are especially encouraged to apply.

To apply: Interested applicants should send a statement of interest, resume, unofficial transcript, and one letter of recommendation. The statement of interest should be less than 500 words and include the following information: (i) professional goals, (ii) interest in position, and (iii) relevant experience. Send application materials in one PDF file to Dr. Insu Jo (jo23@purdue.edu) and Dr. Elizabeth LaRue (elarue@purdue.edu). The letter of recommendation should be e-mailed directly from the recommender with the applicant’s name in the subject line. Incomplete applications will not be considered. Applications will be accepted until April 20, 2018.
NEW TEAM FALL 2018
EPICS TEAM WOLF

We are pleased to introduce the new WOLF EPICS team, working with Wolf Park in the Battle Ground, Indiana to make improvements to the park’s infrastructure, including redesign of animal enclosures and exhibits. Students on this team will have many opportunities to get up close and personal with wolves, foxes, bison, and more.

Fox Enclosure Project
The team will redesign the enclosure for the red and grey foxes at Wolf Park. The project will include design of the structure and landscape and construction of the enclosure.

Education Project
The team will design new, interactive exhibits for the Wolf Park education center. These educational exhibits are intended to teach children about the animals housed at the park.

1-2 Credit Hour Class
Fridays 1:30-3:20 PM
All majors welcome!

Could be of particular interest to:
Agriculture Education Engineering CIVIL EEE MSE

For information on registration and how it can count in your major contact Pam Brown in ARMS 1200 or at epics@purdue.edu

https://epics.ecn.purdue.edu/pharm/
CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION PROGRAM

THE PLACE FOR ENTREPRENEURSHIP EDUCATION @ PURDUE

PURDUE.EDU/ENTR

FALL 31000 INSTRUCTORS
MKT & MGMT FOR NEW VENTURES

PETER FULLER
Co-Founder of Scale Computing; Vistage Chair and Founder of Live Fused, Inc.
Peter was a visionary behind the success of Scale Computing’s corporate development, business development, global distribution and alliances strategy. Peter is the founder of Live Fused, a technology-focused executive coaching and development company dedicated to helping CEOs, business owners, executives and their employees reduce stress and live happier lives while simultaneously growing their businesses beyond what they may have thought was possible.

KAREN LEEKER
Principal at Innovation Opportunities, LLC.
Karen is a visionary leader who worked as the External Business Development Manager at Proctor & Gamble for 25+ years. Today, she advises entrepreneurs on how to find opportunities to develop and grow businesses. She has the unique ability to “make something from nothing” and has developed new businesses in excess of $1 billion global sales throughout her career. Karen believes connecting people, processes, technologies and consumers is essential in developing sustainable businesses.

CHRIS MCEVOY
CEO Wingspan Thinking, LLC
Chris has coached and mentored more than 1,200 CEOs since 2007 and has walked in the footsteps of any CEO, from working his way up the corporate ladder at General Motors, to starting and running his own businesses, to securing Angel Investors and Venture Capital partners, to managing staff and employees, and much more.

FALL 31500 INSTRUCTOR
BUS PLANNING FOR SOCIAL ENTREPRENEURSHIP

DORA LUTZ
Founder and President of GivingSpring and 3 Hawks Consulting
Dora has spent much of her career in the trenches gaining experience in logistics and operations, management, marketing and business development. Whether working with corporations or non-profits, Dora enjoys understanding new theories of organizational leadership and distilling them down into practical approaches that drive business results and community impact. As one of five certified Shared Value Consultants in the country, Dora is focused on helping businesses increase profitability while solving a compelling social issue.

*ENTR 2000 is a prerequisite to enroll in ENTR 31000 or 31500. Either ENTR 31000 & 31500 will count as the second required course for certificate completion.*
Well-being, Leadership, Diversity & Inclusion in Engineering

ENGR 396, CRN: 15802

Fall 2018, 1 credit

First Half-Semester Class

Instructor
Julianna Ge
ge45@purdue.edu

Project Director
Chanel Beebe
beebe@purdue.edu

Engineering Design ● Corporate Exposure ● Community Engagement