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 full-time 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 10-11) & the Civil Engineering Career Fair (Oct 10).
- 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. Check here for all CCO related events on campus: https://www.cco.purdue.edu/Calendar
- Companies are starting to visit Purdue soon to start looking for potential employees. If you are really interested in a company, it is a good idea to attend their information session-this is how companies determine that you are “really interested” in working for them. I know in the past that Ford only recruited students during the Ford Day on Campus. If you are interested in applying to Ford, you should visit them on September 4th (Engineering Mall 8am to 4:30pm, seminar 5:30pm to 8:00 pm in STEW 214). The seminars associated with IR are found in the link: (https://static1.squarespace.com/static/59ed06facf81e03309de47be/t/5d645071bbec9000016e1adb/1566855282178/Seminar+Schedule+2019.pdf). All the information sessions (or company visits) are included below.
- Other events I recommend are the SWE events associated with IR. The SWE sponsored Day with Industry (Sept 8th). It’s an all-day event where you can network with company representatives and hear about their experiences from 10am to 3pm. This is open to everyone so register by September 3rd for great networking opportunities: https://docs.google.com/forms/d/e/1FAIpQLSei-Qv46hrq_Oai2uLKGr5nF-z11Ch-m0eaw53cud0CF2BUvw/viewform
- There is another great SWE event, SWE Networking Night on Sept 9th from 5 to 9pm. See attached flyer. This event has even more companies you can network with. And you can sign up for a mock interview with a company to practice! They will give you advice after the interview-and if they like you perhaps a job. You’ll need to RSVP by Sept 7th here: https://tinyurl.com/y295alac Availability is first come with limited space, first serve so sign up soon if you’re interested. If you attend either event, bring your resume. Remember both of these events are open to everyone-you just have to pay $5.00 if you aren’t a member of the sponsoring organizations.
- 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 here under “Undergraduates-Peer Mock Interview): https://www.cco.purdue.edu/Students/WhatWeOffer
- 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 5th from 3 to 5pm in WALC 3138. 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 which you can sort for specific information: [http://www.purdueesc.org/careerfairs/ir/studentcenter/](http://www.purdueesc.org/careerfairs/ir/studentcenter/)
https://app.careerfairplus.com/pu_in/fair/2146/employer/198252
Finally, if you are interested in graduate school, you should go to the Big Ten Grad School Expo (Sept 22nd and 23rd) at PMU. Find more information here: [https://www.purdue.edu/gradschool/gradexpo/](https://www.purdue.edu/gradschool/gradexpo/)

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

- Thursday, September 5 at 3:00-5:00pm, WALC 3138. Come and go as needed.
- 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! There will also be a panel of EEE undergraduate students to discuss their past work experiences and how they obtained their jobs.

**PESC IR Prep Night** *

- Preparation workshop for Industrial Roundtable, put on by Purdue Engineering Student Council
- Tuesday, September 3rd from 5:30-8:30 pm
  - Seminars from the CCO and ISPC from 5:30-7pm
  - Interactive advice session from 7-8:30 pm
- Get help with your resume, elevator pitch, LinkedIn, and navigating IR
- See attachment for more info

**Big Ten+ Grad School Expo** *

- Specifically geared towards students interested in attending graduate school in the fields of Engineering, Technology, Science, Mathematics, and related fields.
- September 22-23, 2019

1) **To participate in all Expo events**, please register at the regular Big Ten+ Grad Expo registration site. The cost is $40 for early registration ($45 at the door), which includes:
   - Campus and facility tours (Sunday)
   - Welcome Dinner (Sunday)
   - Breakfast (Monday)
   - Informational workshops (Sunday and Monday)
   - Graduate School Fair (Monday)

2) If you wish to attend **only** the Graduate School Fair, your registration fee will be waived (in other words, you may attend the Fair only for **FREE**!). Current Purdue-West Lafayette students will be required to swipe your Purdue ID to enter the graduate school fair, so be sure to bring your Purdue ID with you on Monday. **Pre-registration is not required.** If you choose this option, you will **not** be able to attend the Welcome Dinner, the breakfast, or the workshops.
   - You can see the most current schedule [here](https://www.purdue.edu/gradschool/gradexpo/)

**Grad School NSF Funding Workshops** *

- Workshops occurring throughout fall term focused on the National Science Foundation’s Graduate Research Fellowship. (schedule in 2 attachments; events sponsored by Graduate School & CoE)
- Seniors, if you are considering graduate school in 2020-21 and are looking for funding opportunities, see the attached flyer listing remaining NSF GRF workshops this fall. EEE faculty member, Prof. George Zhou, will be sharing his experiences with NSF grants in one of the workshops offered in September.
- Sophomores and Juniors, also opportunities for you to prepare for your future plans.

**Professional Licensure & FE exam-What is it? When to take it? How to prepare?**

The Fundamentals of Engineering (FE) exam is typically the first step in the process leading to the P.E. license. It is designed for students close to finishing their engineering degree or recent graduates. The FE is a computer-based exam that is administered year-round at NCEES (National Council of Examiners for engineering and Surveying) approved Pearson VUE test centers. FYI - Purdue has an approved test site. The FE contains 110 multiple-choice questions. The exam appointment time
is 6 hours long, which includes a nondisclosure agreement, tutorial (8 minutes), the exam (5 hours and 20 minutes), a scheduled break (25 minutes), and a brief survey.

- What is professional licensure all about and why is it important? Learn more at https://www.nspe.org/sites/default/files/resources/pdfs/GR/2017handouts/2017%20-%20What%20is%20a%20PE%20document.pdf
- The EEE website has an information and resource page. Go to EEE > Current Students > click on Fundamentals of Engineering (FE) Exam under ‘Useful Resources’ This page highlights the Environmental Exam, NCEES itself, links to various sites to register for the FE, what study sessions are offered on campus (not all apply to EEE, though), how to purchase study guides, and other resources to consider.
- More info about resources for the FE exam... Prof. Nies has very graciously purchased a “loaner” copy of the FE Environmental Engineering Review Manual (all 754 pages!!) that will be housed in the EEE office. Seniors are welcome to “check out” this manual for a 72hr period to review/study. This will at least allow you time to see what types of problems are on the exam, and solutions are provided. See Tammi Thayer to check out the manual.

**LEED Green Associate (GA) Training**

LEED (Leadership in Energy and Environmental Design) is a green-rating point system, or a scorecard. The more energy efficient and sustainable a building is; the more points it will earn. EEE students should understand that LEED is one professional certification. Earning a PE license in engineering requires considerably more education, knowledge and experience, and all EEE graduates are qualified to eventually earn a PE license, which is significantly more valuable. On occasion, an EEE student will ask about LEED. LEED is more within the domain of the Arch Engr group within Civil. Most people can take a short course and pass the LEED certification test. As a courtesy, the following info is being provided. It is not required or necessarily endorsed. The LEED Green Associate (GA) credential is the only entry level sustainability designation and shows employers and clients that you have certified knowledge in the green building industry.

- September 25th 2019 - 6:00PM to 9:30 PM
- EE Building - Room 222
- Registration: http://leadinggreen.com/purdue. Boost your resume up with the LEED Green Associate, the only professional designation to show employers and clients you have certified knowledge in the LEED field.
- Early-Bird Cost: $200 for students ($300 otherwise)
- Please contact the instructor Lorne directly with any questions at info@leadinggreen.com

**Looking for an EPICS Team?**

- EPICS teams are 1-2 credit project teams focused on solving community service-based problems through engineering. The teams below are still looking for members. Contact Pam Brown (pamb@purdue.edu) with any questions.
- See EEE policy on use of EPICS toward degree requirements - https://engineering.purdue.edu/EEE/InfoFor/CurrentStudents/EPCSGEP
- A few example opportunities:
  - Local teams (working with partners in the Lafayette/W Lafayette area)
    - WC - Wabash Center - working with adults in their enterprise area developing products for adults with disabilities.
    - WOLF - Working at our local Wolf Park to design a fox enclosure and developing educational displays.
    - HFH - Working on a tool inventory system and designing a lift for bikes to a loft at their storage facility.
  - Regional (working with partners located in Indiana)
    - Speedway - This team will be working with the Indianapolis Speedway Motor Museum in building educational products for their museum. This is a brand new team this fall.
    - Urban Farms - Working in South Bend, IN to help with the plight of a “food desert” area. This team is researching how they can increase the availability of fresh produce in the area by specific gardening ideas (roof gardening, hydroponic gardens, etc)
  - Global (working with partners located in various countries)
    - GDAT - Designing and developing assistive products for individuals with disabilities, caregivers, and healthcare providers in Ireland
    - GAQT - Working to identify and solve indoor air quality problems globally (specifically in Kenya)
Research Scholarship

- $1,000 non-renewable scholarship opportunity for those working on undergraduate research
- Eligibility requirements:
  - Full-time 2019-2020 undergrad student at Purdue
  - Working on the same research project for the entire 19-20 school year
  - Must present at the 2020 Purdue Undergraduate Research Conference
- **Deadline:** September 6, 2019
- See [https://www.purdue.edu/undergrad-research/students/OUR-Scholars.php](https://www.purdue.edu/undergrad-research/students/OUR-Scholars.php) for more info

Travel Grant

- Earn travel grant towards study abroad program or prof development conference.
- Are you interested in earning a travel grant to be used towards a study abroad program or a professional development conference? Consider becoming a Global Engineering Programs and Partnerships Ambassador this Fall! For more information on requirements, expectations, and how to apply, please email gep@purdue.edu for further details.

Service Learning Grant

- Grant money for community service-learning projects sponsored by Purdue’s Office of Engagement
- **Deadline:** Friday, October 4th, 2019
- Link to apply and for more information/guidelines: [https://slg.engagement.purdue.edu/](https://slg.engagement.purdue.edu/)
- Questions should be sent directly to Lisa Duncan at llduncan@purdue.edu

Engineering Resources Webpage for International Students

- A College of Engineering webpage is available for international engineering students. Within this page you will find useful information on Academic Success, Career Planning, Visa regulations, and Video resources.
- Link to webpage: [https://engineering.purdue.edu/Engr/InfoFor/InternationalStudents](https://engineering.purdue.edu/Engr/InfoFor/InternationalStudents)
- You may also link to this on the EEE webpage. Follow path - [https://engineering.purdue.edu/EEE](https://engineering.purdue.edu/EEE) -> Current Students -> Useful Resources -> CoE International Students Page

PLaCE Short Courses *

- PLaCE short courses are short courses geared towards international students and focused on improving communication and English language skills
- Registration for Fall 2019, Session 1 of PLaCE short courses is open
- Registration link: [https://purdue-place.gosignmeup.com/Public/Course/Browse](https://purdue-place.gosignmeup.com/Public/Course/Browse)
- Schedule of courses is included in the attachment
- Please contact place@purdue.edu with any questions

Purdue Writing Lab

**Hours of Operation for Fall 2019:**

**Main Location - Heavilon Hall, Room 226:** Mon - Thurs 9AM - 6PM; Fridays 9AM - 5PM

**Evening Satellites -**
- HSSE Library - Mondays 6-9PM
- Hicks Library - Tuesday - Thursday 2-4:30PM
- AAARCC, 2nd flr - Tuesdays 6-9 PM
- ME Building, Rms 2138 & 2142 - Wednesdays 6-9PM
  - Schedule for writing lab workshops in Fall 2019 will be available soon
  - Join writing lab mailing list: [https://lists.purdue.edu/mailman/listinfo/writinglab](https://lists.purdue.edu/mailman/listinfo/writinglab)
  - Schedule appointment: [https://purdue.mywconline.com/schedule.php](https://purdue.mywconline.com/schedule.php)
Grief Support Group *
- Student-led grief and loss support group
- Meetings every other Tuesday in the Honors College South reading room
- See attachment for more information

Mental Health Fair *
- September 4, 2019
- 11am-3pm, Memorial Mall (rain location is PMU 118)
- Attendees will have opportunity to learn about mental health and discern facts from myths. They will also be able to share anonymous secrets on our secret boards and contribute to the graffiti art board unique to Purdue University.
- CAPS representatives will be present for questions and help students to get to know on-campus resources. Also, if students complete the stations (which will not take a lot of their time), they can enter a raffle to win some pretty amazing prizes.
- Students can stop by in between classes. It’s FREE with PUID, with free snacks and drinks. See attachment.

EPA Campus RainWorks Challenge
- Green infrastructure design challenge for college students sponsored by the US Environmental Protection Agency
- Current students at American colleges and universities are eligible to participate to engage with the next generation of environmental professionals, foster a dialogue about stormwater management, and showcase the environmental, economic, and social benefits of green infrastructure practices.
- Registration will be open September 1 - October 15, 2019
- Student teams must register in order to submit their entries by December 17th
- Each first-place team will earn a student prize of $5,000 to be divided evenly among student team members and a faculty prize of $5,000 to support green infrastructure research or training. Second-place teams will win a student prize of $2,500 and a $2,500 faculty prize.
- Rules and registration can be found at: https://www.epa.gov/green-infrastructure/campus-rainworks-challenge-0
Join us at the 16th Annual Networking Night

Monday September 9th 7-9pm

Armstrong Atrium

Network with over 30 companies and participate in a mock interview to help you prepare for Industrial Roundtable. $5 if not a member of SWE, NSBE, SHPE, SASE or MAES. Food will be provided

RSVP Here By September 7th
https://tinyurl.com/y295alac
Purdue Engineering
Student Council Presents

Industrial Roundtable Prep Night

Tuesday, September 3rd
5:30–8:30pm
Food Provided

• 5:30-6:30:
  ISPC Presentation (PMU N. Ballroom)

• 6:30-7:00:
  CCO Presentation (PMU N. Ballroom)

• 7:00-8:30:
  Interactive Session (PMU S. Ballroom)
  ◦ LinkedIn Advice
  ◦ Elevator Pitch Practice
  ◦ How to Navigate IR
  ◦ Company Info Sheets
  ◦ Nametags
“The resources accessible to you all in one place are invaluable. Multiple recruiters, but also multiple graduate students that are available to answer your questions makes it easy to get important information about graduate school.”

Past Student Attendee

**TAKE ADVANTAGE OF:**

- KEY NETWORKING OPPORTUNITIES
- INFORMATIONAL WORKSHOPS
- PREMIER GRADUATE SCHOOL FAIR
- COMPREHENSIVE INFORMATION REGARDING GRADUATE SCHOOL EDUCATION IN:
  - ENGINEERING
  - SCIENCE
  - MATH
  - TECHNOLOGY
  - PHARMACEUTICAL SCIENCES
  - RELATED DISCIPLINES

**FREE GRAD FAIR**

SEPT. 23 • 9:30am-12pm
PMU Ballrooms • PUID Required
Explore 70+ Universities!

[www.purdue.edu/gradexpo](http://www.purdue.edu/gradexpo)

An equal access/equal opportunity university
Graduate Students and Seniors:

*Put together a competitive NSF Graduate Research Fellowship Program (NSF-GRFP) application

Monday, August 26
5:30 - 7:00 PM
PGSC 105AB
Audeen Fentiman (ENE)

Thursday, September 5
3:30 - 5:00 PM
PGSC 105AB
Steven Landry (IE)

Sophomores and Juniors:

*Prepare now for the NSF Graduate Research Fellowship application

Tuesday, September 24
4:30 - 5:30 PM
PGSC 105AB
Dulcy Abraham (CE)

Eligibility LIMITED to U.S. citizens, nationals, and permanent residents
See application essay writing workshops on the back of this flyer

Register at engr.purdue.edu/grad Click Current Grad Students and look for the Fellowship Workshops link below Professional Development
NSF GRFP “Writing Overview”
You must attend the first session to participate in the following feedback sessions.

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>NSF GRFP “Writing Overview”</td>
<td>Monday, September 9</td>
<td>5:30 - 7:00 PM</td>
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<tr>
<td>OR</td>
<td>Thursday, September 12</td>
<td>3:30 - 5:00 PM</td>
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</tbody>
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“Personal, Relevant Background, and Future Goals” Written Draft Feedback

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<thead>
<tr>
<th>Event</th>
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<th>Time</th>
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<tbody>
<tr>
<td>“Personal, Relevant Background, and Future Goals” Written Draft Feedback</td>
<td>Monday, September 23</td>
<td>5:30 - 7:00 PM</td>
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<tr>
<td>OR</td>
<td>Thursday, September 26</td>
<td>3:30 - 5:00 PM</td>
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“Graduate Research Plan” Written Draft Feedback

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<tbody>
<tr>
<td>“Graduate Research Plan” Written Draft Feedback</td>
<td>Monday, October 14</td>
<td>5:30 - 7:00 PM</td>
</tr>
<tr>
<td>OR</td>
<td>Thursday, October 10</td>
<td>3:30 - 5:00 PM</td>
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</tbody>
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Register at engr.purdue.edu/grad * Click on Current Grad Students * Look for the Fellowship Workshops link below Professional Development * Scroll down to Attend Writing Workshops

Location: Purdue Graduate Student Center (PGSC) 105AB

Writing Effective Fellowship Essays Workshop
(for NDSEG, DOE, and other fellowships)

- Learn how to interpret fellowship application essay requirements and do prewriting activities for programs sponsored by government agencies and foundations
- Receive valuable peer and instructor feedback on your written drafts

Workshop registration restricted to College of Engineering graduate students

Register at engr.purdue.edu/grad *Click on Communication Workshops *Scroll down to Writing Effective Fellowship Essays

September 17 & 24
12:30 - 1:30 PM
The National Science Foundation (NSF) Graduate Research Fellowship requires US Citizenship or Permanent Residency, and applicants must be either graduating undergraduates or first or second-year graduate students who have not applied previously as a grad student.

### Why attend NSF Fellowship Workshops?

- The NSF Fellowship provides **three years of funding** for Graduate School
- Cultivate your **grant writing skills** to help you later apply for postdoc positions and other awards for your early career
- Receive **tips and strategies** for submitting a competitive application for the NSF fellowship by attending these workshops!

### Summer and Fall NSF Workshops

#### Strategies and Resources for Getting Started

- **July 22nd** | 10:00 – 11:30 am | YONG B64, [Registration](#)
- **August 6th** | 10:00 – 11:30 am | YONG B64, [Registration](#)
- **August 28th** | 7:00 – 8:30 pm | WALC 3138, [Registration](#)
- **September 3rd** | 12:00 – 1:30 pm | BRWN 1154, [Registration](#)

#### Personal Statement Workshops

- **July 23rd** | 10:00 – 11:30 am | YONG B64, [Registration](#)
- **August 7th** | 10:00 – 11:30 am | YONG B64, [Registration](#)
- **September 10th** | 12:00 – 1:30 pm | WTHR 320, [Registration](#)
- **September 12th** | 7:00 – 8:30 pm | WALC 3138, [Registration](#)

#### Research Statement Workshops

- **July 24th** | 2:00 – 3:30 pm | YONG B64, [Registration](#)
- **August 8th** | 10:00 – 11:30 am | YONG B64, [Registration](#)
- **September 24th** | 12:00 – 1:30 pm | BRWN 1154, [Registration](#)
- **September 26th** | 7:00 – 8:30 pm | WALC 3138, [Registration](#)

#### Panel of Current NSF Fellows: Q&A Session

- **September 17th** | 7:00 – 8:30 pm | WALC 3090, [Registration](#)

This panel of previous NSF Fellowship winners from across various academic areas will answer questions from the audience regarding best practices for preparing your NSF Fellowship application.

#### Panel of Faculty with NSF Experience: Q&A Session

- **September 4th** | 9:30 – 11:00 am | WALC 3090, [Registration](#)
- **September 6th** | 1:30 – 3:00 pm | WALC 3138, [Registration](#)

This panel of faculty have extensive experience helping their students prepare for the NSF Fellowship and they are happy to share their best practices for making your writings shine. Come ask the experts questions and hear their advice!

Additional fellowship and professional development workshops are posted here: [https://gspd.gosignmeup.com/public/course/browse](https://gspd.gosignmeup.com/public/course/browse)
AAEE - Design fun, interactive, space-related educational projects for Purdue Space Day and other AAE outreach activities.
APPS - Advanced design team developing apps for Android-based mobile devices that can benefit the community.
AT - Design and develop assistive devices to aid caregivers in improving health delivery for children and adults.
BME - Working with the School of Biomedical Engineering on various projects, prosthetic devices and museum exhibits.
BSA - Working with the local Boy Scout Council to develop STEM projects for camp.
CAR – Design and build a two-person vehicle soap box type car to accommodate a driver and a child with special needs.
CDS - Working with a local United Way childcare agency to develop educational and innovative devices for children.
CED - Design and create interactive models for the Indiana Children’s Museum.
CEM – Pairing freshmen with Senior Design Construction Engineering Management students to work on their senior design project.
CR – Designing assistive devices for the campers at Camp Riley in Bradford Woods.
DCES – Work with the Delphi Community Elementary School in developing resources to promote interactive learning.
DISC - Create interactive web-based data software solutions for local community agencies. - Create database applications and innovative solutions to help not-for-profit, educational and service agencies.
DKC - Developing an instructional computing website that uses ASL and interactive videos to teach deaf students how to sign.
EVEI - Working with the High School EV Grand Prix developing performance data acquisition and EV related educational projects for High Schools.
EWB – Engineers w/o Borders is a student organization work with the national EWB to enhance quality of life around the world.
GAPS - Developing alternative energy solutions to provide engineering solutions to remote villages. Working with collaborations with Colombian universities, communities and industries.
GAQT - Working to identify and solve air quality challenges across the globe.
GDAT - Design and develop assistive devices for individuals with disabilities, caregivers, and healthcare providers with rehab exercises and daily-life activities in Ireland.
GLASS - Develop technological solutions which enable students with disabilities aged 3-21 to function more independently.
HFH - Works with local, national and international levels of Habitat for Humanity. Projects include planning home design for disaster resilient housing around the world and developing sustainable housing.
IMS - Develop large-scale software applications for various community partners.
INDIA - Collaborating with EPICS Universities in India to meet medical and agricultural needs there.
I2R - Partnered with Women in Engineering to provide educational outreach for middle school students.
IS - Design and build children’s museum style exhibits that educate and inspire children in areas of STEM.
ISD – EPICS will be assisting the Indiana School for the Deaf with technology and resources to enhance their lives.
ISBVI - Students in this project-based design course will solve a real-world problem by developing iOS apps, mechanical tools, and associated interfaces for teaching mathematical concepts to blind and visually impaired students.
LAKOTA – Purdue and the South Dakota School of Mines team up to work with the Technology and Oglala Lakota College on Pine Ridge in South Dakota. They will be focusing on food growth, housing and energy.
MOBI - Design and develop devices that assist caregivers and improves health care delivery for those with mobility issues. Also working with the Disability Resource Center to create innovative solutions for Purdue students and staff.
MSE Bronze - Working with the Cities of W. Lafayette and Lafayette to develop new processes to make historical markers.
NS - This team will collaborate with City of Lafayette to develop strategies to enhance neighborhood sustainability. 
NDP – Project to address the current challenges facing disaster-affected areas in the Caribbean.
PAWS - Working with area animal shelters and their facilities to enhance the efficiency of their operations.
Pharm - This team will work on design and production of various projects to aid the Purdue University Pharmacy.
SCAN – Design systems for tracking bicycle and pedestrian traffic using RFID technology
*SPEEDWAY - Design projects and displays for the Indianapolis Motor Speedway Museum that will relate STEM to auto racing.
UF – Urban Farms - Increasing the availability of fresh produce in an urban food desert by developing rooftop gardens with Peace Farms in Gary, Indiana.
VETS - Working with veterans and the Gary Sinise Foundation to develop technologies to assist veterans in their daily lives.
WC - Design and develop devices that enable new tasks or enhance the productivity, safety, and efficiency of employees with disabilities at Wabash Center.
WOLF – Working at Wolf Park to design a fox enclosure and develop educational displays for their education center.
WARM - Develop methods to reduce water consumption because of land use changes in the local and global communities.
ZOO - Design educational materials used by the Columbian Park Zoo and their patrons.

*New Projects
Are you an international student?  
Do you want to improve your communication and language skills?

PLaCE Short Courses for English Language  
FALL 2019–Session 1 (August 26–October 3)

Session 2 (October 14–November 21)  
Schedule for Session 2 will be available October 1

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Time</th>
<th>Course Dates</th>
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<tbody>
<tr>
<td><strong>Monday &amp; Wednesday</strong></td>
<td></td>
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<tr>
<td>Essentials of Academic Writing</td>
<td>9:00 - 10:15 AM</td>
<td>MW – 8/26/19 – 10/2/19</td>
</tr>
<tr>
<td>American Gaming Culture: Inquiry, Experience, and Reflection</td>
<td>10:00 - 11:15 AM</td>
<td>MW – 8/26/19 – 10/2/19</td>
</tr>
<tr>
<td>Intermediate Pronunciation &amp; Prosody</td>
<td>12:00 - 1:15 PM</td>
<td>MW – 8/26/19 – 10/2/19</td>
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<tr>
<td><strong>Tuesday &amp; Thursday</strong></td>
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<tr>
<td>Documentaries: An Exploration of Language and Culture</td>
<td>9:00 - 10:15 AM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
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<tr>
<td>Argumentation in Speaking and Writing</td>
<td>10:30 – 11:45 AM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
</tr>
<tr>
<td>Academic Writing: Grammar of Phrases and Clauses</td>
<td>1:30 - 2:45 PM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
</tr>
<tr>
<td>Advanced Pronunciation &amp; Prosody</td>
<td>3:00 – 4:15 PM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
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<tr>
<td>PowerPoint Presentations</td>
<td>4:30 – 5:45 PM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
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<td>Vocabulary and Idioms in American Language and Culture</td>
<td>6:00 – 7:15 PM</td>
<td>TTH – 8/27/19 – 10/3/19</td>
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ABOUT PLaCE SHORT COURSES  
Short Courses classes provide flexible, focused options for international students to meet their English language needs and to fit your schedule. Key features of Short Courses:

- **6 weeks** during the semester (classes meet twice a week, with option for instructor conference)
- **Non-credit-bearing** (classes are not graded and do not appear on transcripts; however, students can earn a Certificate of Completion*)
- **Require no additional fees** (costs are covered by international student fees)
- Taught by PLaCE’s very experienced language instructors
- **Get students actively involved in language learning** (classes are small and focus on having students participate)
- **Can be repeated or mixed with other courses to fit your needs and schedule**
- Option for a Certificate of Completion

Visit the PLaCE website at [https://www.purdue.edu/place/](https://www.purdue.edu/place/) for registration.
Academic Writing: Focus on Essentials
This course will introduce students to some core parts of the work of academic writing in a second language: managing author work, audience, ideas, and language. The course is for international students and scholars who want to become stronger academic writers. This course will benefit students at any stage of their academic career; many topics introduced in this class are covered in more depth in later classes in the PLaCE series of Academic Writing Short Courses.

Academic Writing: Grammar of Phrases and Clauses
This course focuses on the grammatical units inside sentences: phrases and clauses. The goal of this class is to help students understand grammatical rules and patterns that they can use to write clear, correct sentences. Specific topic areas covered in the course include articles, nouns, verbs tenses, subject-verb agreement, modifiers, and relative clauses. Note: specific aspects of grammar covered in this course may vary in each session.

Vocabulary and Idioms in American Language and Culture
This course is designed to help nonnative speakers of English build their vocabulary through American idioms, expressions, collocations, slang, etc. Learner outcomes include improved reading and listening comprehension, vocabulary development, and speaking. The course examines several cultural topics (time, sports, social relationships, job/work, money, etc.). Activities include class discussions on various cultural topics, listening tasks, idiom exercises, quizzes, among others.

Intermediate Pronunciation & Prosody
This short course will help non-native speakers of English develop a more “listener friendly” pronunciation through practice of clear vowel sounds and the sound patterns in spoken English. The class focuses on the building blocks of English pronunciation, mainly at the syllable and word level (such as stress, consonants, and clear vowels). This class is appropriate for students who have not taken a Pronunciation course before and/or need better control of individual sounds and features of English pronunciation. While no formal grades are given, the teacher will provide students with both written and verbal feedback.

Advanced Pronunciation & Prosody
This class is appropriate for students who have already taken Intermediate Pronunciation and Prosody and/or have control of individual sounds of English pronunciation, but still want to work on improving “listener-friendly” pronunciation. This short course will help non-native speakers of English by working on advanced sound patterns beyond individual sounds or words – what we often call “thought groups”. These include intonation, stress, linking, speech reductions, and rhythm. Classes include some focused instruction and practice of specific elements of pronunciation, with many chances to practice through hands-on activities. While no formal grades are given, the teacher will provide students with both written and verbal feedback.

Argumentation in Writing and Speaking
This class is designed for learners of English to enhance their written and spoken argumentation skills. It focuses on practical, productive, and ethical uses of reasoning so that you can use them in multiple academic, professional, and personal settings. Argumentation plays a very significant role in your ability to communicate efficiently and in a convincing way within the university and in your professional lives. In fact, writing and speaking in a convincing way is a skill that spans all fields and disciplines. This course will help you to become more effective critical thinkers and consumers of information and arguments.

PowerPoint Presentations
In this short course, participants will learn about effective principles for designing and delivering successful slideshow presentations. The first half of the session will be devoted to developing appropriate form and content of a slideshow presentation. The second half will focus on verbal and non-verbal communication skills that make for a powerful delivery.

American Gaming Culture: Inquiry, Experience and Reflection
This class is an opportunity to experience modern gaming culture while learning English at the same time. The culture of board games will be introduced as part of a process of inquiry of experiencing and reflecting on American culture. Through the medium of games, students will practice defining, persuading, planning, predicting, giving commands, describing and creatively solving problems, and telling stories using English. An emphasis will be placed on group discussion about the cultural aspects of gaming, as we learn to interact in English while solving game-based problems. No prior experience with gaming is necessary, as we will be using a variety of games that are fun and easy to learn. We will also take field trips to local gaming areas, to experience different aspects of gaming culture first hand.

Documentaries: An Exploration of Language and Culture
This course is for international students who learned English as a second language who want to sharpen their listening skills without visual cues. The class focuses on watching documentaries in English. This course takes an interactive approach to watching documentaries: students will watch documentaries about a range of topics in class to enhance their ability to understand messages and stories told through a televised medium. Improving pronunciation and vocabulary will be secondary objectives in this course as we watch and discuss documentaries about comics, culture, education, music, and technology. Students will be provided with vocabulary lists to enhance their understanding of each documentary, and have the opportunity to practice using listening strategies in and out of class.
ACTIVELY MOVING FORWARD
PURDUE CHAPTER
GRIEF AND LOSS GATHERING

FALL 2019 MEETINGS:
AUG 27, SEPT 10, SEPT 24,
OCT 22, NOV 5, NOV 19, DEC 3

Come join our community of
boilermakers supporting each other in
grief throughout college

EVERY OTHER TUESDAY
HONORS COLLEGE SOUTH
READING ROOM
6-7 PM

WANT MORE INFO?
Contact Kayla at purdueu-amf@healgrief.org
Visit the national website:
www.healgrief.org/actively-moving-forward/

JOIN OUR GROUPME!

Connecting and Empowering Grieving Young Adults
Mental Health Fair

Wednesday, September 4
11am - 3pm // Memorial Mall

Chance to win raffle prizes!

Rain Location: Union 118
Free with PU Student ID