Would You Like to be Mentored by an Environmental Professional?

If you would like to be considered for the EEE mentoring program, fill out the survey for EEE mentoring by **Friday, September 22nd at 5pm**. Can’t find the email with the survey link? Here is a link you can use to take the survey: [https://purdue.qualtrics.com/jfe/form/SV_8ptdoMgfNFAZUYR](https://purdue.qualtrics.com/jfe/form/SV_8ptdoMgfNFAZUYR)

More information on the EEE Mentoring Circle Program and associated survey:

The survey will be used to select students to participate in the second EEE Mentoring Circle program. The goal is to place three to four EEE students with a mentor. Mentors are composed of environmentally focused professionals in government, consulting, manufacturing, and NGO areas. Since this is a selective program, please consider your answers carefully.

Job Corner with Ms. Whelton, PE

What a busy week with the Industrial Roundtable Career Fair. Hopefully you all got a chance to speak with companies there. There is one other big event for environmental positions in the fall—the CE Career Fair. There are 35 companies that have environmental listed when I checked today! The companies at this career fair are mainly consulting focused. They are also having info sessions this year and distributing a career fair booklet prior to the event. More details are given below.

CE Career Fair
Thursday Oct 12th
9:30 AM - 2:30 PM
Purdue Memorial Union North and South Ballrooms
Career fair info: [https://engineering.purdue.edu/CESAC/careerfair/studentinfo](https://engineering.purdue.edu/CESAC/careerfair/studentinfo)

A list of all companies attending (look for those that have “environmental” listed in the “area of emphasis”): [https://purdue-csm.symplicity.com/events/9a4f8463aff9970b2def912f60288066/overview](https://purdue-csm.symplicity.com/events/9a4f8463aff9970b2def912f60288066/overview). You can register for the fair ahead of time and give your resume to your top ten employers prior to the career fair.

CE Career Fair Informational Sessions
Wednesday Oct 11th
5:30-8:25pm
Info session schedule is here: [https://engineering.purdue.edu/CESAC/careerfair/Info%20Session%20Schedule%202017.pdf](https://engineering.purdue.edu/CESAC/careerfair/Info%20Session%20Schedule%202017.pdf)

Career Fair Booklet Breakfast:
Wednesday, October 4th
8:00 AM - 12:00 PM @ HAMP Wood Commons

CESAC will be handing out finalized booklets with company info to help you prepare for the career fair. Come grab your essential career fair materials and a bagel from Panera on your way to class!

The College of Agriculture Fall Career Fair is another career fair you may want to attend. There may be more opportunities with agricultural companies and on the ecological side of things.

Details: College of Agriculture Fall 2017 Career Fair
Tuesday October 3rd
9:30am-3:30pm
Cordova Recreational Sports Center
Look for those companies interested in “Natural Sciences and Environmental Studies” and also ABE.
More information: https://purdue-csm.symplicity.com/events/ceb04a1171a4dd2e339f6889f94aee97/overview
Checklist for the career fair: https://ag.purdue.edu/oap/career/Documents/CAREER%20FAIR%20CHECK%20LIST.pdf
Through the link above, you can allow 10 companies to preview your resume prior to the career fair!

Don’t forget to research the companies you are interested in prior to the career fair.

The CCO also has a great new feature to help you with the interview process. You can now practice interviewing from your home! They will even help you develop answers to common interview questions. Check out Big Interview to help you get prepared: https://purdue.biginterview.com/

**Purdue Forum Featuring Tim Elmore**
- Dr. Tim Elmore, founder and president of Growing Leaders, will be speaking on **Tuesday, September 19th at 7-8pm in Loeb Playhouse (in Stewart)**. The event is titled “Developing Grit and Grace For Life.”
- In this interactive event, Elmore will discuss practical ways for taking on real-life challenges and opportunities faced on campus and using them to prepare for life beyond the classroom. He also will answer questions about making a difference in the world.
- Free tickets are available at https://purduepresents-drtimelmore.eventbrite.com until Sept. 13 or space fills.
- Dr. Tim Elmore is the Founder and President of Growing Leaders, International Speaker on Developing Student Leaders, and Creator of Habitudes (using images to teach timeless leadership principles)
- EEE is a co-sponsor for the event and encourages all student leaders to attend.
- See attached flyer and document for more details

**Big Ten+ Graduate School Expo**
- **Registration** is open for the Big Ten+ Graduate School Expo to be held on September 24th & 25th, 2017
- Students will:
  - Get an inside look at graduate school and the application process
  - Receive advice about funding opportunities
  - Network with representatives from more than 75 of the nation’s top graduate institutions, including UC Berkeley, Cornell, Harvard, Michigan, Purdue, USC, Texas, Northwestern, and Maryland. Visit the Attending Institutions website for a complete list.
  - Attend a premier graduate school fair
- **Purdue students have two options for registering.** Participate in all Grad School Expo activities, and pay the regular registration fee of $40. Or, attend only the Graduate School Fair for FREE. A Purdue ID is required for this option. For more information, visit the special Purdue student registration site

**NISO Week Sept 18-22**
- This is a bundled week of information sessions on the distinguished awards NISO coordinates and how to secure Purdue campus endorsement.
- Apply now as an undergraduate. Reward your STEM research with a Goldwater or Astronaut Scholarship; finance your study of a language abroad with a Boren, Critical Language Scholarship, or Gilman Scholarship.
- Jumpstart your career in environmental concerns or in Native American tribal policy with a Udall Scholarship; go to graduate school for the arts, humanities or social sciences on a Beinecke Scholarship; or bring your commitment as a leader for change, no matter your discipline, to graduate school with a Truman Scholarship.
- See attached flyer for more details

**Peace Corps Prep Program Callout Dates**
- The Peace Corps is a service opportunity for motivated change makers to immerse themselves in a community abroad, working side by side with local leaders to tackle the most pressing challenges of our generation.
- The Peace Corps Prep is a certificate program for undergraduates that centers on one empowering question: How can you prepare yourself to be the best Peace Corps Volunteer you can be?
- The Peace Corps Prep Program will have callouts on **Sept 18th and Oct 3rd**
- See attached flyer for more details and important dates
**Calling Sophomores/Juniors: NSF Graduate Fellowship Application Prep**

- Thinking about going to graduate school? Are you a US citizen or Permanent Resident?
- Prepare now for the NSF Graduate Research Fellowship application
- Wednesday, September 27; 4:30-5:30PM; ARMS 1103
- See attached flyer

**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.


- 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.
Learn two traits effective leaders need:

**Grit** - perseverance of effort that promotes the overcoming of obstacles or challenges and

**Grace** - being filled with kindness and charm

In this interactive forum Dr. Tim Elmore, will discuss practical ways for taking on the real-life challenges and opportunities faced in life on campus and using them to prepare for life beyond the classroom; as well as answer your questions about making a difference in your world.
Purdue University

Big Ten+ Graduate School Exposition

Sunday & Monday • September 24-25, 2017

Hosted by: Purdue University • West Lafayette, Indiana

“If you are considering grad school at all, GO! Absolutely an invaluable experience - I learned so much!”

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
  - Pharmacy
  - Related Disciplines

Free Grad Fair

Sept. 25 • 9:30am-12pm
PMU Ballrooms • PUID Required
Explore 70+ Universities!

www.purdue.edu/gradexpo

An equal access/equal opportunity university
NISO Week | September 18-22

A bundled week of information sessions on the distinguished awards NISO coordinates and how to secure our campus endorsement. Apply now as an undergraduate. Reward your STEM research with a Goldwater or Astronaut Scholarship; finance your study of a language abroad with a Boren, Critical Language Scholarship, or Gilman Scholarship; jumpstart your career in environmental concerns or in Native American tribal policy with a Udall Scholarship; go to graduate school for the arts, humanities or social sciences on a Beinecke Scholarship; or bring your commitment as a leader for change, no matter your discipline, to graduate school with a Truman Scholarship.

Looking ahead, we offer overview sessions for the Fulbright U.S. Student Program as well as for the Rhodes/Marshall/Mitchell/Gates Cambridge/Churchill/Schwarzman scholarships for graduate school abroad and Stanford Knight-Hennessey Scholars Program.

All sessions take place in the Honors College and Residences (HCRS) south building.

Full session descriptions are available on our event calendar (http://www.purdue.edu/niso/events/index.html).

Be sure to RSVP so you receive follow-up information.

**Mon 9/18**  
**HCRS 1054**  
5:30PM  
Critical Language Scholarship, Boren Scholarship, Gilman Scholarship, and Fulbright U.S. Student Program for Undergraduates. [RSVP](#)

6:30PM  
Fulbright U.S. Student Program [RSVP](#)

**Tues 9/19**  
**HCRS 1066**  
5:30PM  
Goldwater and Astronaut Scholarships [RSVP](#)

6:15PM  
Rhodes, Marshall, Mitchell, Churchill, Gates Cambridge, and Schwarzman [RSVP](#)

**Wed 9/20**  
**HCRS 1054**  
5:30PM  
Udall Scholarship [RSVP](#)

6:15PM  
Truman Scholarship [RSVP](#)

**Thurs 9/21**  
**HCRS 1054**  
5:30PM  
Beinecke Scholarship [RSVP](#)

6:15PM  
Stanford Knight-Hennessey Scholars [RSVP](#)

**Fri 9/22**  
**HCRS 1076**  
8:30-10:30AM  
NISO Open House for Freshmen [RSVP](#)
Call Out #1
Monday, September 18th – 7:00-8:00pm – Krach 260 (Shin Forum)
Come find out more about the program requirements and how to apply!

Call Out #2
Tuesday, October 3rd – 6:30-7:30pm – Krannert G020
Come find out more about the program requirements and how to apply!

“Girl Rising” Film Screening
Wednesday, October 11th – 6:00-8:30pm – Rawls 1062
Come watch an inspiring film about girls from around the world with current PC Prep students, Returned Peace Corps Volunteers, and our regional Peace Corps Recruiter!

Application Deadline
Monday, October 30th – 11:59pm – online
https://www.purdue.edu/IPPU/CILMAR/PCPrep/application.html
Apply for National Graduate Fellowships
2017 WORKSHOPS

ELIGIBILITY LIMITED TO U.S. CITIZENS.
NSF & DOE also accept Permanent Residents.

National Science Foundation Fellowship

Graduate Students & Seniors:
Put together a competitive NSF Graduate Research Fellowship Program (NSF-GRFP) application. Attend one of three workshops.

Sophomores & Juniors:
Prepare now for the NSF Graduate Research Fellowship application.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Mon., August 28</td>
<td>4:00-5:30 p.m.</td>
<td>STEW 214AB</td>
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<td>OR</td>
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<tr>
<td>Tues., August 29</td>
<td>9:00-10:30 a.m.</td>
<td>STEW 214AB</td>
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<tr>
<td>Thurs., September 14</td>
<td>5:30-7:00 p.m.</td>
<td>ARMS B071</td>
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NDSEG & DOE Fellowships

Learn strategies for applying to the National Defense Science & Engineering Graduate Fellowship and Department of Energy Graduate Fellowship.

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<tr>
<th>Date</th>
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<tbody>
<tr>
<td>Wed., August 30</td>
<td>4:30-5:30 p.m.</td>
<td>STEW 202</td>
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Register at engr.purdue.edu/grad.
Click Current Grad Students and look for the Fellowship Workshops link below Professional Development.

See application essay writing workshops on the back of this flyer.
# Writing Workshops

- Learn how to write your “Personal, Relevant Background, and Future Goals” and “Graduate Research Plan” statements for the NSF GRFP application in these workshops.
- Discover how to satisfy the NSF Merit Review Criteria—Intellectual Merit and Broader Impacts—as you construct your written statements.
- Receive valuable peer and instructor feedback on your written drafts.

<table>
<thead>
<tr>
<th>NSF GRFP “Writing Overview”</th>
<th>Mon., September 18 4:00-5:30 p.m.</th>
<th>OR</th>
<th>Thurs., September 21 5:30-7:00 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Personal, Relevant Background, and Future Goals” Written Draft Feedback</td>
<td>Mon., October 2 4:00-5:30 p.m.</td>
<td>OR</td>
<td>Thurs., October 5 5:30-7:00 p.m.</td>
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<tr>
<td>“Graduate Research Plan” Written Draft Feedback</td>
<td>Mon., October 16 4:00-5:30 p.m.</td>
<td>OR</td>
<td>Thurs., October 19 5:30-7:00 p.m.</td>
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</tbody>
</table>

Register at [engr.purdue.edu/grad](http://engr.purdue.edu/grad) • Click on Current Grad Students
- Look for the NSF Fellowship Workshops link below Professional Development
- Scroll down to NSF GRFP Applicants

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# 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.

Register at [engr.purdue.edu/grad](http://engr.purdue.edu/grad) • Click on Communication Workshops • Scroll down to Writing Effective Fellowship Essays
The best engineers have one thing in common...

And it's worth looking for.

**What is a professional engineer?**

Professional engineers have fulfilled the rigorous education, examination, and experience requirements, which, under state licensure laws, permit them to offer engineering services to the public. And that's just the beginning—PEs must continuously demonstrate their competency, maintain and improve their skills, and adhere to a code of ethics. PEs hold paramount the public health, safety, and welfare.

**Qualifications that count**

In engineering, mistakes can cost lives. PEs have the experience, the specialized training, and the expertise required whenever precision analysis or design is important. In the US, only licensed PEs are permitted to direct engineering services, and many federal, state, municipal agencies, and even private corporations, require it for their own engineer hires.

**Innovation and safety**

Cleaner fuel, safer cars, more efficient power grids. Across the US, PEs are breaking new ground and looking for innovative and cost-effective solutions to meet the increasing demands of a changing society. All without sacrificing the importance of protecting the public health, safety, and welfare.

**Working for the public**

Engineers who carry the Professional Engineer Seal shoulder the responsibility, not just for the project, but for public safety. That's why, whether it's a nuclear power plant or a fire protection system, PEs know that safety comes before profit, service before success.

450,000
Licensed PEs in the US

1907
First licensure law enacted in Wyoming

25
Disciplines offered for the PE exam

*For more information visit us at www.nspe.org*