EEE Newsletter
October 26, 2015

IN THIS EDITION: * indicates attachment

• EEE Townhall Followup
• Tech Sales Bootcap*
• Research Roundtable*
• EEE Maymester Study Abroad*
• Public Health Symposium
• Job Corner with Ms. Whleton
• Center for Career Opportunities *
• Purdue Writing Lab

EEE Townhall Followup:  Space, Facilities and EEE

This section will be included in the next several EEE newsletters to respond to the major topics discussed at the Spring 2015 EEE Townhall meeting. There are too many points to address at once, so topics will be placed in categories and a new category will go into each newsletter. The category for this issue focuses on space(a building), other facilities, and the future location of EEE. Read below for the related questions posed on this matter and the responses.

Space and EEE

What is the status of Potter renovations/new building/new space?
The entire college of engineering is in the early stages of a complete overhaul of all of the engineering space. EEE has been part of that dialogue, and EEE’s needs for space have been integrated into a master plan. The reality is that the renovations are going sequentially (not in parallel), so EEE along with 80% of the rest of engineering is currently waiting for their renovation projects to begin. The general plan would be that as any particular space is being renovated, those occupants would move into Wang Hall for about a year. At some point it will be Potter’s turn for renovation, but it will not be for a long time (2+ years). When a department temporarily relocates it usually takes 6 months lead time to move out, so when it happens, everyone will know it probably one semester in advance. This entire process just concluded for Grissom Hall/Industrial Engineering.

When will we know about the Potter renovations (or new building)?
Moving out of a building and into a new one takes a long time, and there is usually a large lead-time to get everything packed up etc. Along with that, any renovation has a design component, where EEE will be asked for specific input about space design. This process has not begun in detail for Potter. When it does happen the entire EEE community will likely be engaged for feedback/input. EEE has a space and facilities committee which oversees this area.

What is the future of the EEE program and where does the administration see it going?
The future of the program is the people; the current and future students and alumni.

What is the current status of EEE? What are the goals for the program within the next couple years?
Launch a graduate program, grow our faculty numbers, establish a physical presence on campus (space), develop strong research partnerships across Purdue, sustain/improve reputation as innovators in undergraduate education, continue to applaud the successes of growing EEE alumni base, become an established resource to the State of Indiana, and internationally known for our research impact.

I don’t feel like I know everyone all that well. It’d be nice to have some sort of directory so we could learn people’s names.
In addition to a directory, photobook, or digital social network, I would encourage students to become actively involved in SEE, and then become the leader of the SEE social committee, raise a little money, and plan some social events, organize a plant tour/site visit, etc. The level of membership in SEE by EEE students is low, and this is a primary mechanism for developing strong social/professional networks.

Maybe having more classes that are distinctly EEE (not just CE or EEE/CE).
Every new class we have recently added to the undergrad program has been distinctly EEE, many others are ‘majority’ EEE (250, 430). It’s important that we have some courses where our faculty are working with “just the EEEs” (290, 360, 390, 480 are great examples). In general we like people to take our classes…. being “interdisciplinary” after all, and we think some of this environmental knowledge is really important for other people to know about too (so in the
future when the hiring manager is a mechanical engineer, they can appreciate the value that an environmental
engineer brings to the team!). There are only two core courses that are cross-listed with CE; 350 and 355.
Historically, these courses were launched and “owned” by CE. EEE has been very fortunate to negotiate an
arrangement where CE and EEE have shared stewardship for these courses.

- **How do we get people to think that EEE is its own thing, not just a part of CE?**
- This is a big goal, and it’s something that everyone who is part of EEE can help with. This is a very small example, but
our faculty members list both affiliations when publishing papers or giving presentations, and whenever the faculty
invite guests to campus they are very clear to make this distinction. As EEE gets it’s own space on campus, a stand-
alone graduate program, and more alumni, this distinction will become more and more clear.

- **How to get students involved in projects and motivated beyond the classroom.**
- I don’t know. Probably most motivation has to come internally from the student, faculty can lower barriers to
accessibility, provide opportunities, and facilitate growth. EEE has the individual research study option, which is
ideally suited for project-based learning. Additionally many of the faculty are involved in global design teams (GDTs)
or other similar work.

- **Are we starting a network of alumni and do we have a way of keeping that network connected?**
- EEE is on LinkedIn as a group and the majority of faculty and staff are also members of LinkedIn. EEE encourages all
students to join LinkedIn and join the EEE group. Once you graduate, EEE will probably send you fancy flyers and
postcards in the mail with announcements of ‘big news’ and invitations back to campus for homecoming or to hire our
graduating seniors. Dr. Sutherland also has an electronic newsletter for interested constituents, including alumni,
that is sent out several times a year.

- **As a general trend, it seems that EEE is nearly doubling in size every year.**
  Does the administration intend to attempt to continue this, or will class size start being limited?

- The statement that “EEE is nearly doubling in size every year” is not fact based. As can be seen in the above table
the only time EEE doubled was during the time it was part of MDE (green font in table). The current thinking is that
the size of the incoming sophomore class will be limited to about 50 students which would result in about 150 total
students enrolled in EEE each year.

- EEE prides itself on having close professional interactions within our community. This is easy with very small numbers,
and as EEE continues to grow this will continue to be a guiding principle.

### Tech Sales Bootcamp*

- Learn to use marketing skills to get your dream job! The director of Sales and Marketing will be giving a lecture on
how to sell your self and learning the skills to do that. Hear from recent grads about what their experiences have
been as a Technical Sales Engineer. Other people from industry will come and speak on the importance of technical
sales
- October 27th, 6-10PM; Register on MyCCO, seating is limited!
Research Roundtable*  
- Do you picture research in your future? Well, you’re at the right university! Designed to connect undergraduate students with a plethora of exciting research projects, the Purdue Research Roundtable brings together a multitude of groups and programs currently in progress at Purdue. Researchers and program staff will be there to talk with you about available research internships and jobs. If you are looking to get involved with a research project, whether for tech elective credit, a summer fellowship, or internship, come to the Roundtable, and see what's available for you.  
- November 10th from 9:00AM-4:00PM

EEE Maymester Study Abroad Program: Sustainability Across Sectors *  
- Sustainability Across Sectors- Stockholm, Sweden (see attached flyer)  
- EEE 49500 - 3 credits, Approved as an EEE Selective. Must have taken CE/EEE 35000 or 35500  
- Space is limited so apply here!  
  https://www.studyabroad.purdue.edu/programs/flyer.cfm?flyer=1169&AcademicSchoolCode=E&ProgramTypeID=7

Public Health Symposium  
- Come learn about Public Health and a variety of topics including: family and community health, environmental health, and health statistics that are all concentrations of the Public Health Graduate Program  
- Learn about the new Public Health graduate program here at Purdue!  
- Friday November 6, 2-4PM, Shively Club South in Ross Ade Pavilion  
- Opening remarks by Mitch Daniels and a presentation by Dr. Christine Ladisch  
- See link for more information!  
  http://www.purdue.edu/hhs/mph/events/symposium.html

Job Corner with Ms. Whelton, PE  
As an EEE student you may be interested in working for a NGO (nongovernment organization) or a community service organization. The CCO has a panel of representatives from several different community service organizations on Wednesday October 28th. More details are found here:  

If you are interested in environmental policy, legislative internships may be a great way to start. The deadline is approaching for Indiana Senate and House of Representative opportunities. Please see our website for more information on this and other internship and full time job opportunities under the “EEE Full Time Jobs” and “EEE Internships”.  
https://engineering.purdue.edu/EEE/InfoFor/CurrentStudents

After IR and the CE Career Fair, many of you are getting interviews or waiting to hear back on an interview. The CCO has some workshops coming up that can help you with the next steps in securing an internship or full time opportunity.  

UPCOMING WORKSHOPS

LinkedIn Workshop  
Oct. 19th | 5:30PM | SC G030

Health Careers Application Orientation  
Oct. 22nd | 5:30PM | BRNG 2290

Getting What You Want- Offer Evaluation and Negotiation  
Oct. 28th | 5:30PM | SC G030

Acing the Interview  
Nov. 3rd | 5:30PM | SC G030
And don’t forget that you can practice your interview skills through 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:  https://webapps.krannert.purdue.edu/kap/Calendar/

Did you know that over 90% of recruiters look at your LinkedIn profile? Having an update profile with a professional looking picture is important to your career! Although your profile is very similar to your resume there are some additional features. Creating a summary is a great way to highlight your skills and to outline the type of opportunities you are interested in. Don’t be specific (or say anything negative like I hate wastewater) as everyone can see your profile. You can also for job opportunities through LinkedIn. The filter option will post to your page the job opportunities that meet your criteria. Many employers post their openings on LinkedIn.

Center for Career Opportunities (CCO)

- CCO offers many services to current students and alumni to aid with career planning, resume review, job/internship searches, preparing for interviews as well as preparing for graduate school applications. Drop-in hours are M-F 10am-4pm in Young Hall, Rm 132.
- Pre-Professional Advising has joined the CCO. Students now check-in for their PPA appointments in Young Hall, Rm 132. Please take note for future reference.
- Make use of CCO’s great resources - Create a myCCO account today. You can upload your resume and use CCO resources for job searches. Don’t forget to “opt-in” to the resume book so that employers can view your resume.
- For those with a myCCO account, did you realize that if you do not log into myCCO for 6+ months, that your account becomes inactive. Check your account.
- You may sign up to receive the CCO Inside Track newsletter (attached) direct via your myCCO account.

Purdue Writing Lab

- The writing lab is now open for normal consultation hours: Monday - Thursday from 9:00 AM to 6:00 PM and Friday 9:00 AM to 1:00 PM. More information, including evening satellite locations and hours, can be found at https://owl.english.purdue.edu/writinglab/.
- In addition to one-on-one consultations, they are also beginning a Fall Workshop Series. The first workshop, an introduction to the Writing Lab’s resources, will be held next Wednesday, October 28 at 4:30 PM in Heavilon, 220.
TECH SALES BOOTCAMP

EVER CONSIDERED A CAREER IN TECHNICAL SALES? YOU SHOULD. OCTOBER 27th, 2015 | 6-10 P.M.

Learn to Use Sales & Marketing Skills To Get Your Dream Job
Dr. Scott Downey
Sales and Marketing Program Director
Purdue University

A View from the Executive Suite
Hear from Senior Managers about the important role that technical sales or marketing experiences play in company advancement.

A Day in the Life of a Technical Sales Engineer
Recent graduates will talk about how they use their degrees in day-to-day work with customers.

Technical Skills Recruiter Panel
Learn how to position yourself for opportunities in technical sales and marketing roles from people who do the hiring.

CALLING ALL ENGINEERING, SCIENCE & POLYTECHNIC MAJORS

FREE FOOD

NETWORKING

REGISTER ON
myCCO
www.cco.purdue.edu/mycco
**SEATING IS LIMITED**
Do you picture research in your future? Well, you’re at the right university! Designed to connect undergraduate students with a plethora of exciting research projects, the Purdue Research Roundtable brings together a multitude of groups and programs currently in progress at Purdue. Researchers and program staff will be there to talk with you about available research internships and jobs. If you are looking to get involved with a research project, whether for tech elective credit, a summer fellowship, or internship, come to the Roundtable, and see what’s available for you.

**Research Subjects:**
(Not limited to)
- Human Centered Design
- Computer Graphics
- Product Lifestyle
- Microstructure Testing
- Energetic Materials
- Robotics
- Information Security
- Circuits & Systems
- Visualization
- Aviation
- Energy
- Medical Devices
- INSPIRE

**Colleges Recruiting:**
- College of Engineering
- Purdue Polytechnic Institute
- College of Science
- College of Agriculture

**Years Recruited:**
- Freshmen
- Sophomores
- Juniors
- Seniors
- Graduates
Engineering Maymester - Sweden 2016
Sustainability Across Sectors - Stockholm, Sweden
Travel Dates: May 11-22, 2016
Some pre-travel sessions required in spring 2016

Sweden is ranked 9th in the world on the Environmental Performance Index reflecting on how the country performs in areas such as environmental health and ecosystem vitality. Stockholm is world famous for its stunning beauty. The city sits on 14 islands, is surrounded by water and has parkland, forest, and lakeshore beaches.

Purdue is partnering with KTH, the Swedish Royal Institute of Technology, in Stockholm for this program. You will receive lectures from KTH faculty, visit the Nobel Prize Museum, VASA Museum, industry visits, water treatment and waste-to-energy facilities, as well as cultural activities.

Program cost is estimated at $2200 which includes housing, excursions, ground transportation, some meals, 3 credits, and insurance. Additional expenses are: Air (estimated $1300) passport, visa (if non-US citizen), some meals, and personal spending money.

All eligible Purdue undergraduates will receive the $1000 Purdue Moves Scholarship toward your programs costs

Earn 3 credits for CE 497 or EEE 495. You must be an engineering student who has taken at least one environmental engineering course EEE/CE 350 or 355. Rising sophomores through seniors are welcome to apply.

Contact Dr. Inez Hua hua@purdue.edu with academic questions or Jill Churchill churchil@purdue.edu with questions on travel, costs, or registration.

2015 Program photos
Are you an engineering, science, or polytechnic major considering a career in technical sales? The Tech Sales Bootcamp allows students to explore the basics of the field and interact with a recruiter panel. The event will be held on October 27th from 6-10pm. There will be free food!

Advance registration is required and seating is limited. Sign-up on myCCO.

Interested in learning about the internal processes of the Indiana Senate or House of Representatives? Legislative internship opportunities include communications, information technology, policy analysis, constituent services, and fiscal analysis.

Interns can work with the State Democrats, State Republicans, House Democrats, or House Republicans.

No specific major is required.

UPCOMING WORKSHOPS

LinkedIn Workshop
Oct. 19th | 5:30PM | SC G030

Health Careers Application Orientation
Oct. 22nd | 5:30PM | BRNG 2290

Getting What You Want- Offer Evaluation and Negotiation
Oct. 28th | 5:30PM | SC G030

Acing the Interview
Nov. 3rd | 5:30PM | SC G030

UPCOMING EVENTS

Aerospace Career Expo
Oct. 20th | 10:00AM | Armstrong Atrium

Pharmacy Days Career Fair
Oct. 27th | 12:30PM | PMU South Ballroom

Global Maker Fair- Networking Session
Nov. 17th | 6:00PM | Prusiecki Room, Dauch Alumni Center

Global Maker Fair
Nov. 18th | 10:00AM | STEW 214 ABCD & 218 ABCD