EEE Newsletter
October 11, 2019

IN THIS EDITION:

• EEE Travel Assistance Request Opportunity *
• Job Corner with Ms. Whelton, PE
• Internship in Excellence Program*
• Conservation Careers
• BoilerConnect- Training & Resources for Students
• Form 23: Paper Add-Drop form being replaced by Electronic Process

* indicates attachment

EEE Travel Assistance Request Opportunity *

• Looking for a funding opportunity to assist with costs associated with your Study Abroad, Global Experience, Service-Learning Project, Conference, etc. that you are planning?
• Students seeking monetary assistance for travel costs associated with studying abroad, presenting research or other educational activities should use the attached form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with Tammi Thayer.
• Applications are due 1pm on Wednesday, October 30 to Dr. Nina Robinson, EEE Administrative Director. Send to nlrobins@purdue.edu
• Application form is attached

Job Corner with Ms. Whelton, PE

One of the best ways to find out about job opportunities and secure employment is by networking. Many people talk about how important networking is to finding opportunities. But you may be wondering, how do I go about networking? I’m not sure where to start or what “networking” really means. Per the Merriam-Webster dictionary, networking is “the exchange of information or services among individuals, groups, or institutions; specifically: the cultivation of productive relationships for employment or business”.

So, who would be the group you would “network” with? Anyone-friends, family, friends of family members, professors, Purdue students, people you meet (at dinner, coffee shops, conferences i.e. anywhere), professionals at career fairs. The point of networking is to establish a relationship and common interest with someone. The best way to do this per Keith Ferrazzi in his book “Never Eat Alone” is to adopt a “giving mindset” when meeting someone. What does this mean? When you met a person, instead of automatically thinking about (and directly conversation toward) how to have the relationship benefit you, think about how to connect with and help the other person. And continue to help them. Relationships are a two-way street. If you sincerely help others and want to get to know them, they will want to help you out in the future. You are working towards building a positive reputation and genuine connection with that person. Networks take time to build. In the future, your connections will be more likely to help you.

This may seem like your network is composed only of people you have a significant relationship with. You should also establish and maintain weak ties-people you don’t frequently see, but who you would be comfortable asking for help. Weak ties will probably be a significant part of your professional connections—you don’t have time to maintain deep relationships with everyone. You still need to keep “regular” contact with these people-and not by including them on a group email or text. Let them know how you’re doing/ask how they are doing once in a while. Maybe this is someone you see periodically at an event, it could be just once a year. Or perhaps you could wish them a happy birthday or congratulate them on their work anniversary and see how they are doing. Since this part of your network will be composed of quite a few diverse people, this is probably where you will find out the most about opportunities.

So now we come to your “ask”. Don’t be afraid to let people in your network know you are looking for an environmental internship or full-time job, in a specific location/region (if you prefer) and see if they know of any positions or someone who may be able to help. Make sure your ask is specific, it makes it easier for the other person to process the request and give you helpful information. “I’m looking for a job” isn’t very specific and won’t give the other person enough information to be able to help you. And don’t forget to be polite when you ask. You never know who your acquaintances know, so ask!
Here is a link to the summary of the book “Never Eat Alone” that gives you great tips on topics to discuss when you first meet someone, how to approach someone/start a conversation at a conference, etc.  [https://www.thesimpledollar.com/review-never-eat-alone/](https://www.thesimpledollar.com/review-never-eat-alone/)

Learning how to network doesn’t just benefit you now, it will help you throughout your career and your life. The sooner you start, the better you will get at connecting to others and the stronger and larger your network will become over time.

**Internship in Excellence Program** *

Want real work experience in your field of study before you graduate? The Environmental Research & Education Foundation is currently offering Internships in Environmental Sustainability, Engineering, Business Management, Communications and more. The Internship in Excellence Program offers full time students pursuing an undergraduate or graduate degree a unique, hands on opportunity to experience the world of **solid waste management**. Upon successful completion of the program and other requirements, interns will be eligible to receive a cash scholarship. To receive priority consideration for an internship opportunity, submit your application by **Wednesday, December 4**, at 11:59 ET. See attached flyer.

Application Submission and more info can be found at the link below:

[https://erefdn.org/eref-internship-excellence-program/](https://erefdn.org/eref-internship-excellence-program/)

**Conservation Careers**

Interested in a career focused on environmental conservation? A recent Purdue alum has created and shared a website focusing on information about and job opportunities in the field of natural resources conservation. This site has information on conservation in general, as well as information on a variety of organizations and government entities that focus on resource conservation. There are also links and information on finding a career in conservation. Visit the site [here](https://erefdn.org/eref-internship-excellence-program/).

**BoilerConnect- Training & Resources for Students**

There are training resources available to students in BoilerConnect on the login page. Click ‘Training & Resources’ box. Items available:

- How to reschedule an appointment
- How to cancel an appointment
- Responding to your Advisors Appointment Request
- Quick reference for students
- Using the Kiosk

**Form 23: Paper Add-Drop form being replaced by Electronic Process**

The University is moving to paperless add/drop procedures when students alter their schedule and approval signatures are required; typically beginning in week 2 (adds) and 3 (drops) of a semester. (It is always wise to consult with your academic advisor prior to making the decision on whether to add or drop a course that was not previously discussed!) Instructions can be found at:

- **Scheduling Assistant - How to ADD a course after Week 1**; instructor/advisor permission required
- **Scheduling Assistant - How to DROP a course after Week 2**; various permissions required

**Undergraduate Research Pathways** *

ISPC will be hosting Undergraduate Research Pathway today on **Friday, October 11th from 6:00-7:30 in ARMS 1021**. Undergraduate research is a great way to gain technical experience, and engage with faculty members and industry sponsors. Purdue research projects are currently at the forefront of their respective fields and areas. The ISPC event provides undergraduates the opportunity to network with professors from different engineering majors to gain more information about current research opportunities on campus. There will also be free food at the event.

Any questions should be directed to [ispc@purdue.edu](mailto:ispc@purdue.edu).
The College of Engineering invites you to attend the 1st Purdue Engineering Fellow Award Announcement. Come support your fellow students who have been selected to be awarded $10,000 each. Refreshments will be served. RSVP HERE

5:30pm – 6:00 pm Tuesday, 15 October
Neil Armstrong Hall of Engineering
Herman & Heddy Kurz Atrium
701 W. Stadium Avenue West Lafayette, Indiana

Ball State University Master of Architecture Program*

The R. Wayne Estopinal College of Architecture and Planning (CAP) at Ball State University is currently offering a new curriculum for 3-year and 2-year M.arch program which is a NAAB accredited Master of Architecture degree. The program is focused on the learning opportunities of two opposite cities (Indianapolis and Muncie). The focus of the program combines work in community engagement, human and building performance, digital design and fabrication, integrated systems knowledge, and interdisciplinary design. Faculty and students provide opportunities to build impact and become positive change agents in the communities in which we live, work and learn.

Also offered through the university is a Dual Degree program where students can combine courses in the M.arch program with one of 5 other graduate departments within the college including Urban Planning and Interior Design.

Students who are interested are invited to their Open Houses scheduled, Friday, October 18, November 15, and December 13, 2019. The priority deadline for consideration of scholarship and graduate assistantships is January 19th 2020.

Any Questions can be sent to pharwood@bsu.edu

ESE Symposium and Video Contest *

Join us for the 2019 Ecological Sciences and Engineering Symposium. All events are free and open to campus to attend.

Sustainable Development Goals: Are we Chasing Unicorns? There will be engaging discussion of the tradeoffs and synergies between the Sustainable Development Goals. The symposium will include a video competition, disaster simulation, panel discussion, and keynote speaker. Click Here for more details. The video contest is in regard to the Sustainable Development Goals, with monetary prizes available.

Any questions can be directed to ese@purdue.edu

Fall Undergraduate Research Expo

The Fall Undergraduate Research Expo conference is November 18. Research talks will be in the morning and a poster symposium will be in the afternoon.

- The deadline to submit an abstract is Tuesday, Oct. 29 at 11:59pm on the Fall Expo application site. Any student who is working on or has completed an undergraduate research or creative endeavor project is encouraged to apply to present their work.
- Students may use this event to present on work they completed last spring or summer or are currently working on this semester. Some students use this non-judged research conference to prepare for the large spring Undergraduate Research Conference held in April.
- Questions should be directed to JJ Sadler at ijsadler@purdue.edu.

New Leaper X app and Shuttle Service

- The Leaper X transit pilot program is now available to West Lafayette campus faculty, staff, and students as an additional, app-based campus transportation option.
- The app offers evening rides between 6 pm and 12 am, 7 days a week (except when University is closed for holidays).
- Rides between west or south of the academic campus such as the Purdue airport facilities will be available 7am - 6pm Monday through Friday.
- The Leaper X app is available for all smartphones. Users must make an account with their Purdue email address.
- Once in the app users will be able to select pickup and drop off locations from available options as well as provide the number of riders. The estimated arrival time will then be displayed after the request is submitted.
- Any questions can be sent to leaperx@purdue.edu. 
Environmental and Ecological Engineering
Travel Assistance Request Form: Study Abroad, Global Experience, Service-Learning Project, Conference, etc.

Students seeking monetary assistance with tuition, fees, travel or related expenses associated with studying abroad, doing/presenting research or other educational activities including travel should use this form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with the EEE Associate Director of Advising. Applications are due to the EEE Administrative Director by relevant deadline.

Application Deadlines: October 30 for support of winter or spring term experiences
March 15 for support of summer or fall term experiences

Basic information:
Name, PUID ____________________________
Semester/Dates of travel ____________________________
Location/Program/Conference Name ____________________________
Number of credits to complete (if applicable) ____________________________
Specific course equivalencies (list) ____________________________
Name all faculty sponsors (if applicable) ____________________________

Personal Statement: On a separate sheet in 500 words or less, describe the planned experience and how it will help you to grow as an individual and future professional, as well as any benefits to clients or community groups. Include relevant details on how funding could eliminate financial obstacles to your participation.

If the experience is not a course-based program (study abroad), answer each of the following in your statement and have the lead/supporting faculty member or instructor indicate approval with a signature.
1. Describe the project or area to be studied. What are the main questions of study?
2. Describe your learning objectives and goals? What do you hope to accomplish through the experience?
3. Describe how you will show you have met your learning objectives — what products, reports, or other deliverables will you produce to show that you have met the objectives?
4. Describe how your project relates to EEE, to material covered in other EEE courses, and/or to your professional goals.
5. If credit for a course will be given, state how you intend to use this credit toward EEE degree requirements.

Estimated Budget: Funding Already Received:
<table>
<thead>
<tr>
<th></th>
<th>Travel</th>
<th>Food &amp; Incidentals</th>
<th>Housing</th>
<th>Insurance</th>
<th>Tuition/Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
</tr>
</tbody>
</table>

Funding Already Received:
<table>
<thead>
<tr>
<th></th>
<th>Travel</th>
<th>Food &amp; Incidentals</th>
<th>Housing</th>
<th>Insurance</th>
<th>Tuition/Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
<td>$________</td>
</tr>
</tbody>
</table>

List other funding sources being pursued: __________________________________________________________

Have you received previous funding from EEE:
☐ No
☐ Yes For what? Amount? __________________________________________________________

If EEE agrees to provide support, you will be required to provide a “deliverable” to EEE. Indicate below how you wish to meet this requirement.
☐ Presentation to EEE 29000 Intro to EEE Seminar
☐ Poster for display
☐ Presentation to EEE affiliated student organization
☐ Report
☐ EEE volunteer hours upon return to campus (~10hrs)
☐ Other ________
☐ Write student spotlight to be featured on EEE webpage

Rev. 6/2016
Approved for $ __________
Denied
Want REAL work experience in your field before you graduate?

Did we mention you'll also get paid?

Interns receive a hands-on opportunity to experience the world of solid waste management.

Companies Across the Country are Seeking Interns in a Variety of Majors Including:

- Engineering
- Business Management
- Accounting
- Communications
- Environmental Sustainability

Scan to Learn More and Apply!

erefdn.org
Research Pathways

For Undergraduates

Find Research
Understand Research
Connect with Professors

ECE & ME Professors
Office of UG Research
Free Pizza

OCT 11TH
6:00-7:30 PM
ARMS 1021
JOIN US AS WE ANNOUNCE 5 SENIORS SELECTED TO BECOME THE 1ST EVER PURDUE ENGINEERING FELLOWS TO BE AWARDED $10,000 EACH

TUESDAY, 15 OCTOBER | 5:30 PM
NEIL ARMSTRONG HALL OF ENGINEERING, KURZ ATRIUM
REFRESHMENTS WILL BE SERVED
**Master of Architecture, Curriculum**

### 3-Year M.Arch

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 501</td>
<td>6</td>
<td>ARCH 502</td>
</tr>
<tr>
<td>ARCH 561</td>
<td>3</td>
<td>ARCH 571</td>
</tr>
<tr>
<td>ARCH 639</td>
<td>3</td>
<td>ARCH 518</td>
</tr>
<tr>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SUMMER</strong></td>
</tr>
</tbody>
</table>

**Fall: Design Thinking**

- 501: Design Thinking/Foundations Studio
- 561: Visualization and Communication
- 570: Intro to Environmental Systems
- 639: Contemporary History and Theory of Architecture

**15 credits**

**Spring: Environmental Design**

- 502: Environmental Design and Site Context Studio
- 571: Application of Environmental Systems
- 514: Intro to Architectural Building Technology
- 518: Intro to Structural Systems

**15 credits**

**Summer: Design Making**

- 503: Design Application Workshop
- 520: Intro to Professional Practice
- 538: Structural and Material Systems
- 551: Contemporary Issues in Architecture

**12 credits**

---

### 2-Year M.Arch (Students with Pre-Professional degrees in Architecture)

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 601</td>
<td>6</td>
<td>ARCH 602</td>
<td>6</td>
</tr>
<tr>
<td>ARCH 624</td>
<td>3</td>
<td>ARCH 646</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 620</td>
<td>3</td>
<td>ARCH 636</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 637</td>
<td>3</td>
<td>elective</td>
<td>3</td>
</tr>
<tr>
<td>elective</td>
<td>3</td>
<td>elective</td>
<td>3</td>
</tr>
<tr>
<td>elective</td>
<td>3</td>
<td>elective</td>
<td>3</td>
</tr>
<tr>
<td>elective</td>
<td>3</td>
<td>elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Fall: Community Engaged**

- 601: Community Engaged Applied Learning Design Studio
- 624: Applied Architectural Building Technology
- 620: Professional Practice
- xxx: Elective, Certificate Focus, Dual Degrees, or Integrated Path to Architectural Licensure (IPAL)

**15 credits**

**Spring: Integrated Building**

- 602: Integrated Architecture Design Studio
- 646: Urban Design: History, Theory, and Practice
- 636: Research Methods in Architecture
- xxx: Elective, Certificate Focus, Dual Degrees, or Integrated Path to Architectural Licensure (IPAL)

**15 credits**

---

### Fall Multi-Disciplinary

- 603: Multi-Disciplinary Design Knowledge Studio
- 618: Applied Systems Thinking
- 637: Final Project Preparation
- xxx: Elective, Certificate Focus, Dual Degrees, or Integrated Path to Architectural Licensure (IPAL)

**15 credits**

**Spring: Intellectually Independent**

- 604: Independent Final Project Studio
- 647: Applied Theory and Representation
- xxx: Elective, Certificate Focus, Dual Degrees, or Integrated Path to Architectural Licensure (IPAL)

**12 credits**

---

**Indianapolis Urban Laboratory**

LIVE | WORK | LEARN

---

---
Accreditation
In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a six-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

Ball State University, Department of Architecture offers the following NAAB-accredited degree programs:
- M.Arch (pre-professional degree + 57 graduate credits)
- M.Arch (non-pre-professional degree + 99 graduate credits)

Next accreditation visit for all programs: 2021

M.Arch Program
Our graduate degree aims to develop a student’s capacity for creative, cumulative and critical thinking, design literacy, and lifelong cultivation of design capabilities. Accredited by NAAB, the degree program is for students who seek professional licensure. We offer two tracks for completing the M.Arch professional degree.

A three-year track or the two-year track for undergraduates with a pre-professional degree in architecture.

How to Apply
Apply for admission into the Graduate School using the Graduate School Application Process. International students should follow the International Admissions Process

Check our website for deadlines for priority consideration of financial assistance (i.e., assistantships and scholarship).

For Questions
Contact Pam Harwood,
Graduate Director and Professor of Architecture
pharwood@bsu.edu
Sherry Clark, Programs Assistant
sjclark3@bsu.edu

Directory
Department of Architecture
765-285-1900
bsu.edu/architecture

Facebook
Ball State University
Department of Architecture
Instagram: @ballstate_architecture

Graduate School
866-285-GRAD (toll-free)
gradschool@bsu.edu
bsu.edu/gradschool
Graduate Catalog

Rinker Center for International Programs
866-285-4723 (toll-free)
intadmit@bsu.edu
bsu.edu/admissions/international

Office of Financial Aid and Scholarships
800-227-4017 (toll-free)
finaid@bsu.edu
bsu.edu/finaid
OCTOBER 18, 2019

M.ARCH OPEN HOUSE

COLLEGE of ARCHITECTURE and PLANNING • DEPARTMENT OF ARCHITECTURE • BALL STATE UNIVERSITY MUNCIE, INDIANA
Architecture Building AB Muncie, IN 47306 • Office AB 402 (765) 285-1900 • The Graduate School WQ (765) 285-1301

Join the College of Architecture and Planning for an information session, open house and trip to Indianapolis to learn more about the 2-year and 3-year M.Arch programs.

The Department of Architecture at Ball State University inspires students to engage the discipline of architecture with the grounding of a rigorous professional education and the confidence to innovate. We value the dialogue between critical thinking, designing, and making to advance the discourse in the profession. The faculty instill in students the power of doing and the importance of engagement in a rich variety of architectural practices. We are committed to affirming the values of social equity and environmental responsibility as they relate to the design of the built environment.

Our graduate degrees develop a student’s capacity for creative, cumulative and critical thinking, design literacy, and a lifelong cultivation of design and making. Ball State University offers two options for completing the Master of Architecture professional degree and both are accredited by the National Architectural Accrediting Board (NAAB):

The **2-Year** Master of Architecture (M.Arch) professional degree is for students who seek licensure in the profession. This program is for those who have an undergraduate pre-professional degree in architecture.

The **3-Year** Master of Architecture (M.Arch) professional degree is for students who seek licensure in the profession and is for students holding any undergraduate degree. A preparatory program provides students with foundational educational experiences in architectural design.

Join us for a special day! Here is the schedule:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00am</td>
<td>Arrive in Room AB 402</td>
</tr>
<tr>
<td>11:00am – 12:00pm</td>
<td>Tour of CAP Building</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch with Graduate Students</td>
</tr>
<tr>
<td>1:00pm – 2:00pm</td>
<td>Visit Design Studios</td>
</tr>
<tr>
<td>2:00pm – 3:00pm</td>
<td>Drive to CAP: Indy Center (25 N. Pine Street, Indianapolis, IN)</td>
</tr>
<tr>
<td>3:00pm – 4:00pm</td>
<td>Visit Indy Center studios</td>
</tr>
<tr>
<td>4:00pm – 5:30pm</td>
<td>Drive Back to Muncie</td>
</tr>
</tbody>
</table>

Free lunch and transportation to and from Indianapolis, Indiana will be provided!

By attending this session, we will waive half of the cost of the $60 Ball State University Graduate School application fee. Once registered, you will receive more details about this offer.

Please RSVP: Sherry Clark sjclark3@bsu.edu (765) 285-1900
or Pam Harwood pharwood@bsu.edu (765) 749-6379
13TH ANNUAL SYMPOSIUM

Sustainable Development Goals:
Are We Chasing Unicorns?

Guidelines:
Submit a video (3 min or less) regarding the UN’s SDGs. Videos should focus on the implementation of a specific SDG, overall successes and challenges in achieving SDGs, and/or highlight the complex interconnectedness of the goals.

Short Video Contest

// 1st Place $500
// 2nd Place $300
// 3rd Place $100

// Popular Vote $50

Submissions Due:
October 11, 2019

SCAN HERE FOR MORE INFO
THURSDAY 10/17
SDG Video Competition Screening
CASH PRIZES!
7:30 pm
@ PGSC 105 AB

FRIDAY 10/18
Disaster Simulation
12:30 - 2:30 pm
@ WALC B074

Expert Panel
SDGs: Tradeoffs & Synergies
3:00 - 4:00 pm
@ WALC B074

Keynote Speaker
Deidra Fair James
Director, Millennium Challenge Corporation
7 pm
@ ARMS 1010

SUSTAINABLE DEVELOPMENT GOALS:
ARE WE CHASING UNICORNS?
FREE & OPEN TO THE PUBLIC

FOR MORE INFO or to RSVP
SCAN HERE or VISIT
www.tinyurl.com/chasingunicorns