December 6, 2019

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Career Opportunities

**Snacks for Success - December 9-13** - 117 Farrall Hall (key code will be updated to 20117 on December 6)

We know that ~20% of enrolled students experience extremely low food security. We also know that reduced academic performance is linked to whole person needs, including hunger. Have a snack to fuel up and good luck on your exams! **Generously donated by BAE Faculty and Staff**, snacks will be available December 9-13 (M-F final exam week) in 117 Farrall Hall for BE students. The room keycode will be updated to 20117 (hint - year + room number). The hint for year is based on 2020 - we are getting a head start.

**BE BBQ - Celebrate the Fall Semester, Thur., Dec. 12, noon-1:30 pm**

**Who:** All BAE students, faculty, and staff  
**What:** Fall Semester 2019 is quickly ending. It is time to celebrate your accomplishments, to enjoy time with peers and faculty, and to enjoy a traditional departmental BBQ. Come when you can. Enjoy delicious food and friendly conversation. Leave when you need to.  
**When:** Thursday, Dec. 12, 2019, noon – 1:30 pm  
**Where:** 114 Farrall Hall

**Spring Break Corporate Tour March 1-7, 2020 apply to #3210479 by January 6, 2020**

We have had many BE students who have traveled on this great program. Michigan State University is excited to announce that the 14th Annual Spring Break Corporate Tour (SBCT) will be headed to North/South Carolina and Florida from Sunday, March 1 through Saturday, March 7. The trip will consist
of 9 to 11 half day employer visits throughout the week in the following cities: Davidson (NC) - Charleston (SC) - Jacksonville (FL) - Orlando (FL) - Tampa (FL) - Fort Myers (FL). **Preference will be given to 1st and 2nd year students, but we will accept applications from 3rd year students as well.**

To apply for the trip, you need to complete the following items:

- Apply to this posting with an updated version of your resume.
- Add a letter of interest of why you would like to participate in the corporate tour. Attach this as an "Other Document".

In addition to the visits, we will host an Alumni / Recruiter Mixer in at least one city and there will be free time mixed in to explore the cities.

The trip will cost $500, which will cover lodging for 6 nights, as well as air / ground transportation. Hosts of the corporate tour generously sponsor the trip to offset most of your expenses.

If you have any questions, message Rachel Mangiavellano or Garth Motschenbacher at careers@egr.msu.edu. Apply in Handshake #3210479 or stop by C108 Wilson for more information!

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**Ecological Engineering in the Tropics Costa Rica Summer 2020 Info Sessions**

The BAE Department is sponsoring (1) summer 2020 faculty-led education abroad program. Ecological Engineering in the Tropics Costa Rica is a 4-credit program that usually runs over winter break but is being moved to a summer program to avoid being out-of-country on Christmas day. The travel dates will be May 5-19, 2020 which should allow enough time for an internship experience once you return. To learn more, attend one of the following info sessions:

- January 14, 2020, 5:00-5:45 pm, 208 Farrall Hall or Zoom - msu.zoom.us/j/5173533258
- January 29, 2020, 5:30-6:15 pm, 208 Farrall Hall or Zoom - msu.zoom.us/j/5173533258

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**Counseling and Psychiatric Services (CAPS) -- available for you**

Being an Engineering student can be stressful! Do not feel like you must go through it without support. CAPS (MSU Counseling and Psychiatric Services) is launching a program this fall to bring confidential counseling services across campus. CAPS Connect will be in 1415 Engineering Building on Wednesdays from 3:30-5 pm starting on Sept. 18.

CAPS Connect is a brief consultation program that is confidential, completely free, and available to all enrolled MSU students. Just drop-in during the scheduled times - no appointment is necessary! CAPS Connect provides a place to talk about concerns. You can have someone listen to you and offer support, or you may prefer to receive expert suggestions about solutions and resources.

Common concerns include:

- Stress
- Difficulty adjusting to school
- Academic concerns
- Family, roommate, or other relationship issues
- Financial concerns
- Sadness

CAPS Connect is not meant to supplement ongoing counseling or provide support in crisis situations. Students in need of crisis services can drop-in to CAPS on the third floor of Olin Health Center. If the crisis is after hours, students can call CAPS at 517-355-8270.

Please find all the CAPS Connect information online at https://caps.msu.edu/services/CAPSConnect.html.
2020 Call for Applicants Scientist Mentoring and Diversity Program - due April 3, 2020
Sponsored by the International Center for Professional Development there are two programs: 1) SMDP Biotech - San Diego June 6-10, 2020 or SMDP MedTech | Toronto October 3-7, 2020. See the attachment <2020-SMDP-Call-for-Applications.pdf> for full details.

ASABE Student Activities - New Faces, One-Minute Video Challenge, Giving Back Fund
Applications are now being accepted for the following:

1. The ASABE One-Minute Video Challenge: Tell us what inspires you about your chosen career. Act now—this is a one-time effort supported by Claas and will not be repeated in 2020. (Deadline Dec 14).
2. New Faces of ASABE – College Edition: One outstanding student will win $1000 scholarship (Deadline Dec 16)
3. Giving Back Fund – Students are eligible to apply for seed/supplemental funding for humanitarian projects that demonstrate the value of ag/bio engineering (Deadline Dec 31)

Follow the links above to learn more about each of these opportunities, and feel free to reach back to me if you have questions.

Thanks in advance for helping us raise awareness.

Dolores Landeck
Director of Communications
American Society of Agricultural and Biological Engineers
landeck@asabe.org
269/932-7039

Recent Handshake Opportunities (select)

Hormel Foods
Job: Associate Industrial Engineer #4370
Employer: Hormel Foods
Apply before Friday, May 1, 2020 9:00 am EDT

US Food and Drug Administration (FDA)
Job: General Engineer
Employer: US Food and Drug Administration (FDA)
Apply before Wednesday, December 11, 2019 11:55 pm EST

Great Lakes Water Authority • Detroit, MI and 2 more
Team Leader – Water Quality
Great Lakes Water Authority • Detroit, MI

Patent Search Analyst - Biotechnology
Cardinal Intellectual Property • Evanston, IL

JBS
Job: Pilgrim's Management Trainee Program
Employer: JBS
Apply before Friday, May 1, 2020 3:30 pm EDT

Environmental Resources Management (ERM)
Job: Environmental Compliance Consultant (Holland)
Employer: Environmental Resources Management (ERM)
Apply before Sunday, February 2, 2020 6:25 am EST

Environmental Resources Management (ERM)
Job: Product Safety & Regulatory Compliance Consultant (Cincinnati)
Employer: Environmental Resources Management (ERM)
Apply before Saturday, February 1, 2020 5:45 am EST

North Carolina Department of Environmental Quality
Job: Geologist/Hydrogeologist
Employer: North Carolina Department of Environmental Quality
Apply before Monday, December 9, 2019 5:00 pm EST

North Carolina Department of Environmental Quality
Job: Engineer II
Employer: North Carolina Department of Environmental Quality
Apply before: Monday, December 9, 2019 5:00 pm EST

EMD Serono, MilliporeSigma and EMD
Job: Internships in Healthcare, Life Science and EMD Performance Materials (North America Based)
Employer: EMD Serono, MilliporeSigma and EMD Performance Materials
Apply before Friday, January 31, 2020 2:55 pm EST
Internships/Part Time

Local Internships & Student Jobs in Handshake (373)
Attached “Local Internships & Jobs 12-4-19.xlsx” is a list of 160 current internship opportunities (plus 213-part time jobs) that are either on MSU’s campus (or with an MSU department away from campus) or in the Lansing area. All 373 internships and part time jobs are posted in your Handshake account at the CareerNetwork.msu.edu website.

It pays to apply for jobs as soon as possible as employers sometimes close postings quickly. You can learn more about AND apply for jobs through the free online Handshake service.

Once at Handshake, you will need to fill out your profile and upload your resume. With your profile and resume in place, you will be able to search for job openings and submit applications by clicking on the "Apply" button in the job description or following the employer’s instructions.

Here is how to quickly find a specific job posting in Handshake:
Log in to your student account in Handshake at msu.joinHandshake.com
Copy and paste a Job ID number from the attached spreadsheet into the search box
Click search, click on the job title, read the details, and apply if appropriate

Good luck with your student job or internship search!

MSU Career Services Network

Scholarships

Biosystems and Agricultural Engineering Undergraduate Scholarships – Applications due January 31, 2020
The BAE Department annually awards about $50,000 of scholarships in multiple categories (undergraduate and graduate). All undergraduate BE students should have a “BAE Undergraduate Scholarships” community listed on D2L. The application form can be found there or attached. Please complete the application and upload it along with your current resume to the assignment dropbox found in the same D2L community by January 31, 2020. Questions should be directed to Dr. Reese reesel@msu.edu. There are no guarantees that you will be awarded a scholarship, but if you are successful -- $1,000+ for 1-2 hours of effort is a beneficial use of time. Good luck and please submit those applications and resumes.

Biosystems and Agricultural Engineering Graduate Scholarships – Applications due January 31, 2020
The BAE Department annually awards over $50,000 of scholarships in multiple categories (graduate and undergraduate). All BE graduate students should have a “MSU Biosystems and Ag. Engineering Graduate Scholarships” community listed on D2L. The application process can be found there. Please complete and submit to the assignment dropbox found in the same D2L community by January 31, 2020. Questions should be directed to Dr. Nejadhashemi pouyan@msu.edu.

Jimmy L. Butt Memorial Scholarship Presented by Michigan Section of ASABE - Applications due January 31, 2020
The Jimmy Butt Memorial Scholarship consists of up to two $500 scholarships to be awarded each year. One for a Freshman/Sophomore student and one for a Junior/Senior student registered as an Agricultural Engineering or Biological Systems Engineering student at a University or College.

Eligibility and Requirements for the 2020 scholarship competition are as follows:

- Must be a Pre-Professional MI section member of ASABE at the time of application
- Must have at least one more semester of classes to complete after the award of the scholarship (Min. 12 credit hours)
- Essay must be 500 words or less in Microsoft Word document with Arial 12 pt. font. The essay would be written on one of the subjects below:

  1. What are the benefits of membership in ASABE?
  2. Why and how do you plan to stay active in a Professional Organization of your choice?
  3. What roles make ASABE such a popular international professional organization? How does your University or College also contribute to these roles?
  4. If you were to volunteer to be on one of the ASABE standards committees, which one would you choose, why would you choose it, and how does that particular standard contribute to the society?

Application and Essay must be submitted by JANUARY 31, 2020

Submit to ASABE Michigan Section Scholarship Committee

Via email: Todd Forbush at tforbush@techmark-inc.com

**MSUFCU Internship Opportunity Award - Spring 2020**

MSUFCU application period for the Spring 2020 MSUFCU Internship Opportunity Award is now open. As appropriate, please promote this unpaid internship stipend award opportunity with your students.

Program information: https://careernetwork.msu.edu/jobs-internships/Internship-opportunity-award.html

Application website: https://tinyurl.com/InternAwardSpring20 and https://msu.co1.qualtrics.com/jfe/form/SV_ahOPILqAdcqKg6x

(Note: The Qualtics survey application is secured behind the MSU single sign-on system so only MSU students can apply.)

Application materials deadline is January 14, 2020