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• MSU The Center

Full Time

Internship/Part time

• EGLE Internships

• Local or Remote Work Internships & Student Jobs in Handshake (988)

Research / Graduate School

• Summer 2021 Research and Extension Experience for Undergraduates - NIFA(USDA) REEU Site, College of Engineering, University of Georgia, Athens, GA.

• EnSURE applications open
BE Club good luck wishes!
This week at BE club we made some encouraging notes for you all to wish you luck with the rest of the semester. Here is the collection for your viewing:  https://sites.google.com/msu.edu/biosystemsengineeringencourage/home
Wishing you all well!
The BE Club

BE Club - Cassaundra Edwards - Tillamook - March 15, 6:30 pm

Who: All BE and interested students

What: Industry visit with Tillamook - Cassaundra Edwards - 2014 College of Engineering BAE Distinguished Alumni Award Recipient

Join the BE Club for a presentation from Cassaundra Edwards with Tillamook. Cassaundra Edwards is Supplier Quality Engineer for Tillamook® in Tillamook, OR. Prior to Tillamook®, she was the Production Manager at Bimbo Bakeries®. Cassaundra holds a B.S. in Food Engineering and a M.S. in Mechanical Engineering. Prior to Bimbo, Cassaundra was an engineer with ConAgra and Kraft food. Highly involved in the department as a member of the BAE industry Advisory Board for multiple years and project client for multiple senior design project, Cassaundra will share a wealth of insights and tips to current BE students. Cass was the 2014 College of Engineering BAE Distinguished Alumni Award Recipient. She will present on:

- Overview of Tillamook – Basic business information and company culture
- Supplier Quality role in the Dairy Industry
- Technical skills required to be effective in the role
- Co-manufacturing pros and cons
- How Supplier Quality Engineers engage and support other cross-functional partners (Marketing, R&D, Supply Chain/Procurement, Operations)

Do not miss this session!

When: Monday, March 15, 2021, 6:30 – 7:30 pm

Where: https://msu.zoom.us/j/91923252879 passcode BECLUB

Weekly virtual Walk-in Advising - Tuesdays - 12-1 pm
Dr. Reese and John Denny have set up a common virtual walk-in advising hour to help students with academic and career questions. Other BAE faculty/staff will join as their schedules allow.

Join any time within the hour using https://msu.zoom.us/j/92440122739 or dial +1 646 876 9923, +1 301 715 8592, +1 312 626 6799, +1 669 900 6833, +1 253 215 8782 or +1 346 248 7799
Career Services Network Spring Workshop Series
Visit Handshake (msu.joinhandshake.com) and click events to register and receive ZOOM link for each workshop.

Sharing Your Story: Writing Resumes and Cover Letters
  • April 6, 3:00 - 4:00 PM (EST)

Taking a Gap Year: What to Consider and Where to Look
  • March 24, 4:00 - 4:30 PM (EST)

How to Make Your Personal Statement Stand Out
  • April 12, 3:00 - 4:00 PM (EST)

You Majored in What?
  • April 7, 7:00 - 8:00 PM (EST)

Career Services Network will be hosting several virtual Drop-In Advising events to help with resume reviews for career fairs and the job search, as well as overall preparation for our upcoming career fairs! If you know of any students who are looking for career fair prep and/or a fast resume review, we have advisors ready to help them for virtual drop-ins on these dates:

Tuesday, April 6, 5 pm - 7 pm EDT

All these events are listed on Handshake (msu.joinhandshake.com) under “CSN Drop-In Advising”, as well as on our website under “Learn About Drop-In Services”.

Recent Handshake Opportunities (select)

**Anheuser-Busch**
Job: [2021 Brewery Trainee Program Systems Tech Co-Op](#)
Employer: Anheuser-Busch
Apply before Thursday, April 1, 2021 12:55 am EDT

**Request Foods**
Job: [Student Workers - 2nd & 3rd Shift](#)
Employer: Request Foods
Apply before Thursday, July 1, 2021 10:45 am EDT

**Schreiber Foods**
Job: [Brands Strategies Intern (Remote)](#)
Employer: Schreiber Foods
Apply before Sunday, May 16, 2021 9:15 am EDT

**First Solar**
Job: [Product and Technology Intern (Spring/Summer 2022)](#)
Employer: First Solar
Apply before Friday, March 19, 2021 10:05 am EDT

ADM
Job: RSA Human Nutrition Intern
Employer: ADM
Apply before Friday, April 30, 2021 8:00 am EDT

ADM
Job: RSA Data Science & Metrics Intern
Employer: ADM
Apply before Friday, April 30, 2021 8:00 am EDT

Procter & Gamble (P&G)
Job: Mechanical and Physical Testing Researcher
Employer: Procter & Gamble (P&G)
Apply before Wednesday, March 24, 2021 9:30 pm EDT

Procter & Gamble (P&G)
Job: Grooming Contract Manufacturing QA Manager
Employer: Procter & Gamble (P&G)
Apply before Saturday, April 3, 2021 5:00 am EDT

Procter & Gamble (P&G)
Job: Manufacturing - Emerging Leaders East - 2022 Internship (Sophomores)
Employer: Procter & Gamble (P&G)
Apply before Saturday, April 3, 2021 5:05 am EDT

Ingredion Incorporated
Job: Quality Technical Data Intern - Westchester, IL (Summer 2021)
Employer: Ingredion Incorporated
Apply before Friday, March 19, 2021 7:25 pm EDT
Ingredion Incorporated

Job: Reliability Engineering Co-Op - Bedford Park, IL (May 2021 - Dec 2021)
Employer: Ingredion Incorporated
Apply before Friday, March 26, 2021 7:20 pm EDT

Zoetis

Job: Process Instrument/Electrical Technician (2nd Shift)
Employer: Zoetis
Apply before Friday, March 19, 2021 6:00 am EDT

Whirlpool Corporation

Employer: Whirlpool Corporation
Apply before Friday, April 30, 2021 12:00 am EDT

The Hershey Company

Job: Intern Lean COE (Fall 2021)
Employer: The Hershey Company
Apply before Wednesday, May 19, 2021 2:45 pm EDT

Nestlé Purina

Job: Engineering Management Development Associate
Employer: Nestlé Purina
Apply before Monday, May 31, 2021 12:00 pm EDT

Nestlé Purina

Job: Safety Management Development Associate (Level 2)
Employer: Nestlé Purina
Apply before Monday, May 31, 2021 12:00 pm EDT

Kroger

Job: Food Science/Quality Assurance - Summer 2021 Internship (Livonia, MI)
Employer: Kroger
Apply before Saturday, May 1, 2021 2:55 am EDT

**Alexion Pharmaceuticals, Inc.**
Job: Development Intern
Employer: Alexion Pharmaceuticals, Inc.
Apply before Friday, April 30, 2021 11:55 pm EDT

**Abbott**
Job: Abbott Nutrition Analytics Summer Worker
Employer: Abbott
Apply before Friday, April 30, 2021 12:00 pm EDT

**ADM**
Job: Operations Leadership Development Program (OLDP)
Employer: ADM
Apply before Saturday, May 1, 2021 9:00 am EDT

**Anheuser-Busch**
Job: 2021 Fall Brewery Trainee Program Co-Op
Employer: Anheuser-Busch
Apply before Tuesday, June 1, 2021 12:55 am EDT

**MSU The Center**
Job: 2021 Engineering Grads Resume Book Resume Book | Full-Time
Employer: MSU The Center
Apply before Wednesday, March 31, 2021 3:35 pm EDT

**Full Time**

**Internship/Part time**

**EGLE Internships**

Hello Dr. Reese,
I ended up talking to the EGLE student internship coordinator, Sanda Philpott-Burke, regarding a question from Annaliese and found out that EGLE is planning to pilot a virtual internship program beginning in May of this year. If you want to let students know.

Sandra indicated that students interested in the internship program can directly contact her via email (philpott-burkes@Michigan.gov) and should include a copy of their resume to aid in matching students and supervisors via interests.

Sincerely,

Matthew

Matthew Herman, Ph.D
Nonpoint Source Environmental Engineer
Water Resources Division
Michigan Department of Environment, Great Lakes, and Energy
HermanM2@michigan.gov
New Phone Number: 517-512-5928
www.michigan.gov/egle

Local or Remote Work Internships & Student Jobs in Handshake (988)
Attached “Local Remote Internships Jobs 3-9-21.xlsx” is a list of 815 current internship opportunities (plus 173 part-time jobs) that are either on MSU’s campus, in the Lansing area, or offering remote work. All 988 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.

Given the current situation with health concerns and social distancing, please understand that many of the local Lansing area jobs posted in Handshake may have modified hiring processes or start dates. Students apply where appropriate, while also appreciating that employers continue to face uncertainty about student employment and internship opportunities.

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:
1) Log in to your student account in Handshake at msu.joinHandshake.com
2) Copy and paste a Job ID number from the attached spreadsheet into the search box
3) Click search, click on the job title, read the details, and apply if appropriate

Important: The MSU Career Services Network is still open for business! Visit our Virtual Career Center to learn about virtual career advising, virtual career events, the Handshake job posting system, and resources to help students explore career interests, find internships and jobs, and become career ready.

Research / Graduate School
Modern Tools and Technologies for Food & Agriculture Production
The program provides opportunities for undergraduate students to participate in research and outreach projects that focus on innovative, modern technologies for agricultural production, food safety and security, in addition to providing opportunities for professional skills development in communication, leadership and ethics.

Key Deadlines
Pre-Application Due: March 26, 2021
Full Application Due: April 10, 2021
Notification Date: April 30, 2021
Program Dates: 6/1/2021 – 7/31/2021

Program Overview
• Participants perform research/outreach projects with graduate students under the mentorship of a professor.
• Participate in seminars, workshops, career counseling and professional development opportunities in STEM.
• Participants are matched with the professors based on student interests and faculty research projects.

Logistics & Financial Support
• Stipend: $3000 total for the full program period
• Housing : $500 total (for external participants)
• Travel : $500 total (for external participants)

Eligibility
• Sophomore or Junior in 4-year STEM program
• Cumulative GPA > 3.0
• U.S. Citizen/National or U.S. Permanent Resident

Application
• Applicants must express interest by submitting a pre-application (see next page), before March 26, 2021 to this email: engr-reeu@uga.edu
• A link to FULL APPLICATION can be found on the website: www.engineering.uga.edu/reeu. Full applications are due by April 10, 2021 and must include the following:
  o Completed web application (found on above webpage)
  o Transcript of STEM major (web upload)
  o Recent CV/resume (web upload)
  o 1-2 recommendation letters (web upload)
  o Statement of interest 400-500 words (web upload)
• Questions? please email: engr-reeu@uga.edu

Pandemic Contingency Disclosure
As of this announcement date, The University of Georgia (UGA) has plans to keep the campus open for summer research and will follow the recommendations and advice of CDC and GA DPH. If a decision was made to close the campus for in-person research, the program may be converted into a virtual program or get cancelled.

Program Site and City Information
The program site is the University of Georgia, in Athens, which is located 75 miles northeast of Atlanta airport. Athens is a vibrant college town, known for its music and culture, and its warm summer weather.

Research Areas (Not All Inclusive)
• Rapid diagnostics tools for monitoring crop health
• Biosensors for detection of food pathogens
Advanced imaging technologies for phenomics
• Drone/Robotics technologies for precision agriculture
• Cyber-physical systems for agriculture production
• Energy monitoring and management for crop growth
• Informatics based tools and systems for agriculture
• Data visualization and information processing
• Impact of climate on agriculture and food systems
• Development and optimization of electronic tools
• Indoor agriculture tools and technologies
• Understanding Food-Energy-Water-Health nexus.

See <UGA_NIFA_REEU Program Flyer.pdf> for full details.

**EnSURE applications open**

The EnSURE (Engineering Summer Undergraduate Research Experience) program at Michigan State University offers summer research opportunities for high achieving undergraduates who are studying at institutions in the United States or Puerto Rico.

During Summer 2021, the EnSURE program will take place from May 24 through July 30, 2021.

Currently, we expect to offer both remote and in-person research opportunities during EnSURE 2021. However, due to the ongoing pandemic it is possible that in-person research may be limited during the summer, in which case EnSURE participants will pivot to remote research assignments (with the same faculty mentor). All professional development activities for EnSURE 2021 will take place remotely/online.

EnSURE is an "internship in graduate school" and provides participants with an early opportunity to become involved in research by working with faculty mentors in one of eight Engineering departments:

• Biomedical Engineering
• Biosystems & Agricultural Engineering
• Chemical Engineering & Materials Science
• Civil & Environmental Engineering
• Computational Mathematics, Science & Engineering
• Computer Science & Engineering
• Electrical & Computer Engineering
• Mechanical Engineering

Curious about what the undergraduate research experience is all about? Check out this video, featuring an EnSURE program alumna and other undergraduates from MSU.

**Expectations and Eligibility**

As part of EnSURE, students work full-time on a substantive, faculty-guided research project and participate in professional development activities, including attending weekly seminars and completing periodic writing assignments. Due to the intensive nature of this program, it is expected that students will not enroll in summer coursework or accept other employment during the work week. At the discretion of the faculty mentor, it may be possible for students to enroll in limited (4 credits or less) online coursework or independent study; the student is responsible for any enrollment fees.

**Applicants must meet all the following criteria:**

• current undergraduate student, studying at an institution in the United States or Puerto Rico, from any institution or major
• eligible for employment in the USA (you must have a social security card before the EnSURE program starts)
• returning for one or more semesters of undergraduate study after Summer 2021 (i.e., not graduating before December, 2021)
• minimum cumulative GPA of 3.20 (on a 4.0 scale)
• able to commit to full-time employment during the 10-week summer program (May 24 to July 30, 2021)
• not taking classes during Summer 2021 (exceptions may be made for up to 4 credits of online coursework, with permission from the faculty mentor)
• at least 18 years old by May 1, 2021

Compensation and Housing
Students participating in the summer research experience are paid $12.50 per hour and typically work 40 hours per week for 10 weeks (up to $5,000 in total compensation). Participants are considered student employees of MSU and are responsible for applicable taxes. Students are responsible for their own meals, housing, transportation, and personal expenses; a variety of housing options are available both on-campus (liveon.msu.edu) and in the surrounding area (elmanac.msu.edu).

Application Timeline
Applications for EnSURE are reviewed on a rolling basis until the program is filled. Students will be notified if they are selected by a faculty mentor and will have 2 weeks to accept or reject the offer to participate in EnSURE. Based on previous years, we expect that the EnSURE program will be filled by April 15. Please note that priority is given to students who have not previously completed EnSURE.

Ready to Apply?
The EnSURE program application requires basic contact and demographic information, a resume (.pdf format) and an unofficial transcript (a .pdf printout of your University's grade reporting system is sufficient). Applicants must also submit brief statements (about 500 words each) explaining why you want to participate in EnSURE (what do you hope to learn? do you have any specific skills or prior research experience to contribute?) and why you think it is valuable to foster inclusion and diversity in engineering. You should use these statements as an opportunity to expand briefly on the skills and experiences you must contribute, and/or what you hope to learn from participating in this summer program.

CLICK HERE to apply for EnSURE 2021.