September 17, 2018

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Michigan ASABE Section Fall Meeting and Tour, 5 seats left, RSVP by 9:00 am, Monday, September 17

BE Students,

At the September 11, BE Club meeting and in BE 101, I referred to the upcoming Michigan ASABE Section fall meeting and tour. The BAE department is renting 2 vans and will pay the registration for the first 18 students to register. The van will depart from Farrall Hall at 3:15 pm on September 20 and will return by approximately 8 pm. This is a great opportunity to explore careers and technology while networking with professionals. Please complete your RSVP using this form.

https://goo.gl/forms/LYXAWagp8neffiavr1

The agenda for the event is:

Nick Tipper’s Farm
6814 W Parks Rd, St. Johns, MI

Join us for a Family Friendly, Fun and Educational Evening.
John Reynolds, caterer, will be supplying a selection of Wood-Fired, Brick-Oven Pizzas with Caesar Salad, cooked on site!

Itinerary:

3:15 pm - Meet at Farrall Hall and van pool
4:00pm – Tour: Stony Creek Essential Oils (Mint Farm & Processing)
6700 W. Centerline Road, St. Johns, MI 48879
www.sceoinc.com
5:30pm – Dinner at Tipper’s
6:00pm – Section meeting
6:30pm – An introduction to drones and applications in Agricultural and Biosystems Engineering
Open Networking and Fellowship around the bon-fire to follow
7:30 pm ish return to campus arriving approximately 8 pm

Questions about the event can be directed to Dr. Reese

Hope to see you on September 20.
Cheers,
Dr. Reese

BE Club – Tuesday, September 18, 6:30-7:30 pm, 119 Farrall - Professional Development

Who: All BE and interested students
When: Tuesday, Sept. 18, 2018, 6:30 – 7:30 pm
Where: 119 Farrall Hall
What: It’s that time of year again... career fair season! Come on out to the BE Club meeting where we will be helping everyone get ready! BE Club will be having free LinkedIn/professional headshots, resume and cover letter critiques, and elevator speech practice. Come on out and bring your resume to be polished! Dr. Reese and others from Michigan ASABE Section will be there to help, and it will be a very interactive and productive session. Make sure you have both a hard copy and a digital copy with you and
bring a laptop if you have one. Refreshments will also be provided. We will be holding elections for open E-board positions: Media Chair, Fundraising Chair, CANR Rep., and SEC Rep.

**Resumes needed - BAE Resume Book**
Calling for all BE student resumes - freshman to graduate student. The BAE department maintains a resume book online for potential employers to review. You can stop by my office to see a copy or request a copy at:

https://www.egr.msu.edu/bae/resumebook

Employers use the resume book to screen for potential employees. It is a great marketing tool for both you and the department. There is no reason for your resume to not be included - it is free. I update the online version of the book approximately every month.

Resume length is restricted to 1 page with margins no less than ½ inch. I will update the first version of the 2018/19 resume book by September 18. If you would like your resume included in the book, please email an updated resume version in MS Word or pdf format to reesel@msu.edu as an attachment.

**Career Preparation**
The following list outlines campus wide career events for the fall semester. Please mark these dates and times on your calendars now! This includes freshmen, who can use these events for career exploration, professional networking and finding part-time jobs or even internships. For everyone else, these events are your gateways to internships, professional networking and full-time employment – you have to attend – no excuses.

**How can I prepare for a job fair:**

**Video Resources:**
Career Fair 101: What to Expect: https://www.youtube.com/watch?v=lw0eEH9-tqQ
Career Fair 101: How to Prepare: https://www.youtube.com/watch?v=5BSmdkkyo2Y
Career Fair 101: Elevator Speeches: https://www.youtube.com/watch?v=7V0pmpKbo68
Career Fair 101: What to Wear: https://www.youtube.com/watch?v=lw0eEH9-tqQ

**Fall 2018 Career Events – Mark your calendars now!**

**Career Days Meet and Greet – September 25, 7:30-9 pm, 116 Farrall**
The BE, Food Market Association and the Food Science Clubs will host a Career Days Meet and Greet Informational Session for Food Industry Organizations. Personal invitations are being sent to alumni so students should feel very comfortable talking to these representatives. Last year we had 10 companies who participated. Companies will present a brief presentation on career opportunities with sufficient time for questions and informal meet and greet. This is a great opportunity to network and “break-the-ice” before career fairs and all the masses. Freshmen, this is a fantastic venue for you to learn about careers and what doors your major might open. Representative likely will have sample products. Please mark your calendars now to attend. Be there with resumes in hand! Confirmed companies are Cargill, Neogen, Kroger, McCormick, Michigan Milk Producers, and JBS Pilgrim’s. More are expected.
Fall Career Days - September 24-27, 4-7 pm - Breslin Center

All anticipated companies attending are listed in the attached “2018CareerGalleryCompanies.pdf”. Please check Handshake to confirm companies and the booth number where they will be located. I highlighted:

- Companies who have hired BE graduates in the past or are prime candidates to hire BE students.
- Companies who marked broad major category Agriculture and Biological Engineering (Handshake term for BE).

Please do some research on the companies you are interested in.

MSU Career Days - MSU Fall Career Days: Engineering Co-op/Intern Exchange - September 24, 4-7 pm, Breslin Center

https://msu.joinhandshake.com/career_fairs/5543?ref=career-fairs-index
143 companies/organizations currently registered

MSU Career Days - MSU Fall Career Days: Careers in Engineering & Technology - September 25, 4-7 pm, Breslin Center

https://msu.joinhandshake.com/career_fairs/5522?ref=career-fairs-index
207 companies/organizations currently registered

MSU Career Days - MSU Fall Career Days: Careers in Agriculture, Food, Health, Packaging & Science - September 26, 4-7 pm, Breslin Center

https://msu.joinhandshake.com/career_fairs/5518?ref=career-fairs-index
142 companies/organizations currently registered
MSU Career Days - MSU Fall Career Days: Careers in Business (Formerly Career Gallery) - September 27, 4-7 pm, Breslin Center

https://msu.joinhandshake.com/career_fairs/5234?ref=career-fairs-index
231 companies/organizations currently registered

Recent Handshake Opportunities

**Consumers Energy**

Job: Environmental Engineering Intern/Co-op

Employer: Consumers Energy

Apply before: Sunday, December 2, 2018 7:00 pm EST

**Schreiber Foods**

Job: Engineering Co-Op (January - August ’19)

Employer: Schreiber Foods

Apply before: Thursday, November 29, 2018 3:00 am EST

**Schreiber Foods**

Job: Controls Engineering Co-Op (January - August ’19)

Employer: Schreiber Foods

Apply before: Thursday, November 29, 2018 3:00 am EST

**Mars, Inc.**

Mars Wrigley Confectionery (MWC) will be outside EGR 100 (C102 Wilson), answering any questions that students have on career development, getting ready for the career fair, life at our company, and other topics. Stop by to see us!

Event name: Mars Wrigley Confectionery | Info Table | Outside C102 Wilson

Date: Tuesday, September 18, 2018

Time: 7:45 am - 9:15 am

Location: Wilson Hall, Lobby (outside C102)
Kellogg's
Employer: Kellogg's
Apply before: Friday, November 30, 2018 7:00 pm EST

Smithfield
Hi Luke, we wanted to let you know that Smithfield, an employer you favorited, just posted a new job. Here are the details:
Job: Operations Intern - Summer 2019
Employer: Smithfield
Apply before: Friday, October 5, 2018 7:59 pm EDT

Kellogg's
Job: Student Support – Category Management
Employer: Kellogg's
Apply before: Wednesday, October 31, 2018 7:55 pm EDT

Kellogg's
Job: Research, Quality, Nutrition & Technology Internship – 2019
Employer: Kellogg's
Apply before: Friday, November 30, 2018 6:55 pm EST

Local Internships & Student Jobs in Handshake (410)
Attached “Local Internships & Jobs 9-12-18.xlsx” is a list of 166 current internship opportunities (plus 244-part time jobs) that are either on MSU’s campus (or with an MSU department away from campus) or in the Lansing area. All 410 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'll need to fill out your profile and upload your resume. With your profile and resume in place, you'll 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's how to quickly locate 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!
Research

CANR Undergrad Research Program Funding & Grants - Deadline October 15

The College of Agriculture and Natural Resources (CANR) offers funding for students to participate in undergraduate research to increase academic engagement, intellectual inquiry and practical learning.

The Undergraduate Research Program (URP) provides opportunities for personalized real-world experience by working closely with faculty mentors and graduate students.

Participating students can expect to:
- Explore interdisciplinary interests and make career contacts.
- Strengthen research, analytical, writing and speaking skills.
- Present findings at professional meetings and conferences.
- Strengthen graduate school and internship applications.
- Broaden future employment opportunities.

BEFORE applying, contact a faculty member to be your research mentor. You can also ask your academic advisor for research mentor suggestions.

Apply now through Oct. 15 for URP funding during the spring 2019 semester!

Eligibility

We’re looking for highly motivated, inquisitive, committed and self-disciplined students with a drive to succeed.

CANR students at all class levels with a minimum 2.5 GPA are eligible to apply for URP funding. These funds are for students whose primary major is within the CANR only. Secondary majors, minors and coordinate majors are not eligible for this program.

Seniors in their last semester of study are welcome to participate but are not eligible for research support grants.

What do I need to do?

1. Determine your research topic and find a faculty research mentor.
2. Review Hints for Applicants and Notes for Mentors.
4. Fill out and submit the online URP Application by Oct. 15.

If you have any questions, please feel free to contact me at millenba@msu.edu.

Go Green!

Kelly F. Millenbah, PhD
Senior Associate Dean
Director of Academic and Student Affairs
Undergraduate Research Office Fall 2018 Workshops

Learning about Undergraduate Research
Monday, September 17, 5:30 pm, Location: 304 Bessey Hall
Make research an integral part of your MSU experience! Come learn about the opportunities available for involvement in research and creative activities at Michigan State. You can expect a short presentation, discussion, and Q & A facilitated by current undergraduate researchers.

Unpacking Your Research Experience
Monday, October 1, 5:00 pm, Location: 105 Bessey Hall
Have you thought about how the skills you are gaining through your undergraduate research experience will assist you in the future? Come learn about strategies for communicating your abilities to others, such as graduate schools and future employers. This workshop will include information about creating an elevator pitch related to your research and an opportunity for you to critically reflect on the skills you have built by being involved in undergraduate research. Come prepared to interact and engage with your peers about your research!

Learning about Undergraduate Research
Tuesday, October 9, 7:30 pm, Location: TBD
Make research an integral part of your MSU experience! Come learn about the opportunities available for involvement in research and creative activities at Michigan State. You can expect a short presentation, discussion, and Q & A facilitated by current undergraduate researchers.

Finding a Summer Research Opportunity
Wednesday, October 17, 7:30 pm, Location: 304 Bessey Hall
There are a variety of summer opportunities available for students. Programs are hosted by colleges and universities around the United States and they provide an intensive research experience on a particular topic within a scholarly discipline. For undergraduates with plans for graduate or professional school after MSU, summer research provides the opportunity to expand your professional network and acquire experience in an area of interest. In this workshop, you will learn more about summer research, the benefits of participation, and effective search strategies, including how to find and apply for opportunities.

Troubleshooting Your Undergraduate Research Experience
Monday, October 22, 6:00 pm, Location: 773 Bessey Hall
Intended for students who currently hold roles as undergraduate researchers, this panel discussion provides insight and suggestions on how to manage common challenges and problems. How can you establish an impactful working relationship with your supervisor? How do you manage to balance your academic, personal, and research responsibilities? How can you optimize your relationship with your faculty mentor? A panel of undergraduate researcher ambassadors will share their experiences and ideas.

Finding a Summer Research Opportunity
Tuesday, November 6, 5:30 pm, Location: TBD
There are a variety of summer opportunities available for students. Programs are hosted by colleges and universities around the United States and they provide an intensive research experience on a particular topic within a scholarly discipline. For undergraduates with plans for graduate or professional school after MSU, summer research provides the opportunity to expand your professional network and acquire experience in an area of interest. In this workshop, you will learn more about summer research, the benefits of participation, and effective search strategies, including how to find and apply for opportunities.

**Learning about Undergraduate Research**
Wednesday, November 14, 7:30 pm, Location: 304 Bessey

Make research an integral part of your MSU experience! Come learn about the opportunities available for involvement in research and creative activities at Michigan State. You can expect a short presentation, discussion, and Q & A facilitated by current undergraduate researchers.

For more information, contact us via email at ugrsrch@msu.edu or phone at 517-884-4384.

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**Scholarships**

**Bayer CropScience Friends of Richard F Stroud Memorial Scholarship**

**Award Information**
A $3,500 scholarship is offered annually to students in the College of Agriculture and Natural Resources

**Eligibility Criteria**
To be electable for the scholarship, the candidate must have an MSU grade point average of 3.0 or better, and have taken, or plan to take, two or more courses in the following areas:

- Food and Animal Toxicology
- Nematology
- Entomology
- Plant Pathology
- Turf Grass Pests
- Pest Management
- Weed Control
- Tree Diseases and Insects

The candidate should have experience or anticipate gaining experience in one of the areas of study listed above which deals with a special problem, a field problem, laboratory work or a work internship. This experience is to be associated with some aspect of pest control and/or food or feed quality. Juniors and seniors are eligible to apply.

**Review Process**
Candidate applications will be reviewed and the final selection made by the Field Development Management of Bayer CropScience, or their designate, after consultation with MSU personnel.

**Deadlines**
Complete applications must be received no later than midnight October 20, 2018, and may be submitted by mail to: Bayer CropScience Scholarship, c/o Academic and Student Affairs, Justin S Morrill Hall of Agriculture, 446 West Circle Drive, Room 121, East Lansing, MI. Complete applications may also be submitted by email to: anr.scholarships@campusad.msu.edu (place Stroud Memorial Scholarship in the subject line).

**Application Materials**
In addition to the following information, please also provide a letter of recommendation and return to: Bayer CropScience Scholarship, C/O Office of Academic and Student Affairs, Justin S Morrill Hall of Agriculture, 446 West Circle Drive, Room 121 East Lansing, MI 48824
Your letter of application may be included with all application materials or sent separately.

Name________________________
Local Address_____________________________________________________________
Home Address_____________________________________________________________
Phone___________________________________
NET ID___________________________________
School Email______________________________
Major area of study___________________________________________________________
Current GPA______________________________ on ________________ MSU credits

Extra-Curricular Activities:
Experience dealing with applied pest control:
Anticipated career upon graduation:
Other items of interest:

Signature and Date: