

Welcome to TeamMSE Vol. 2 - September 13

If you have information you'd like to share with the community in our next issue, due out on September 27, please email **Kristen Freshley** at krisfres@umich.edu by Sunday, Sept. 26.

Any and all suggestions/comments regarding TeamMSE are welcome, too!

Just in: MSE jumps in national rankings to #5

U.S. News and World Report

just published its 2022 rankings for undergraduate programs, and MSE moved up a spot from last year to #5! MIT is ranked #1, followed by



University of Illinois, U-C Berkeley, and Georgia Tech. Rounding out the Top 10 are Northwestern, Cornell, Carnegie Mellon, Stanford and Penn State. The U-M College of Engineering held its #6 ranking.

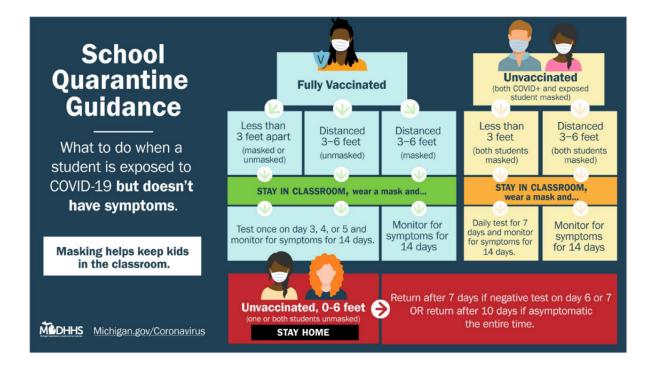


The following are your need-to-know highlights from President Schlissel's Covid briefing on Friday:

- Campus conditions: Case have increased and are primarily linked to social gatherings. Symptoms among students have generally been mild, and overall activity in the surrounding community has otherwise remained stable.
- Testing: Asymptomatic testing remains available through the university's <u>Community Sampling and Tracking Program</u>.
- Vaccination rates are great. Our vaccination levels are increasing: 94% of students, 93% of faculty and 79% of staff. Widespread vaccination is the best weapon against the virus. A recent analysis of cases during the Delta variant surge showed that the rate of infection is five times lower for the vaccinated, and the hospitalization rate is 29 times lower.
- If you feel stick, stay home. Please isolate and <u>seek testing</u> if your have <u>COVID-19 symptoms</u>. The university is seeing an increase in close contact cases among students.

New Guidelines from the Michigan Department of Health and Human Services

Below is a chart outlining what to do if you are exposed to COVID-19. For more MDHHS classroom recommendations re: Covid, click here.



Links to important Covid resources

- Find a vaccine and submit your info
- Watch President Schlissel's Sept. 10 briefing
- For the latest updates: Campus Maize and Blueprint.



MSE Associate Professor Qi this week's seminar speaker

Associate Professor Liang Qi will present "Computational Designs of Advanced Alloys with Improved



Mechanical Performances and Corrosion Resistance" this Friday, Sept. 17 at 10:30 in 1670 Beyster. Zoom link:

umich.zoom.us/j/99736118231.

Passcode: 348743

MMS Luncheons kick off this Friday, 9/17

MMS will hold its first company luncheon of the year this **Friday**, **Sept. 17**, **11:30 a.m.-12:30 p.m.**, **in 1303 EECS**. Eaton will present; click <u>here</u> to learn more about the company.

MSE Career Fair 2021: Deadline is Sept. 24 for submitting resumes



Friday, Oct. 1

9 a.m. - 9:00 p.m. Virtual

At our daylong Career Fair on October 1, MSE undergraduate and graduate students will be able to schedule individual virtual meetings with a wide variety of companies. To be included in the resume book shared with companies, please <u>upload your resume</u> by Friday, September 24.

MSE Alumni Merit Award winner Dr. Michelle Griffith to give talk 9/24



As part of Homecoming Weekend, MSE Chair Amit Misra will give a brief department update and the 2020 MSE Alumni Merit Award winner, Dr. Michelle Griffith (MSE '93, PHD '95). will give a talk on Friday, Sept. 24 at 12:30 p.m. in 1571 GG Brown. A luncheon will precede the event starting at noon in the Borg Warner Atrium. A senior scientist with Sandia National Labs, Dr. Griffith is a leading expert in nextgeneration satellite payloads and space architectures. Please RSVP for the luncheon/talk by Monday, Sept. 20.

Upcoming can't-miss GSC events!

Welcome to A2 with Aaron, Sept. 17, 1-2:00 p.m.

All new grad students are welcome to join Aaron Gladstein, former GSC president, for an introduction to Ann



Arbor. Room TBD. Snacks will be provided. A walking tour of downtown Ann Arbor is tentatively planned for the following day, Saturday, Sept. 18, but will depend on interest and feasibility.

Paint and pot your succulent, Sept. 23, 4:30-6:30 p.m.

Succulents are a great way to spruce up your home and/or office, and low-maintenance to boot! You can also propagate cuttings, so if you already have some, bring some to share! Pots, plants and a positive time will be provided. Location TBD, so stay tuned. For questions:

msegsc2022@umich.edu



Events Recap



Thank you to everyone (all 150+ of you!) for making our 2021 Welcome Back Picnic at Gallup Park on Sept. 3 a smashing success! It was the perfect way to end the first week of classes: a beautiful, relaxing evening filled with good food and conversation. Be sure to check out all the <u>fun photos on our department Flickr site</u>. And congratulations to our three raffle winners (pictured below): Loulou Batta (PhD), Xander Mensah '23, and Forrest Wissuchek (PhD). Each won a "Wonderfully Warm Wolverine Winter basket" filled with warm MSE gear after submitting a completed Conversation Bingo sheet at the picnic.



Student News

Congratulations to our latest Ph.D. candidates!

The following Ph.D. students advanced to candidacy in 2021. Congratulations to all!





Chao Huang (Shtein)



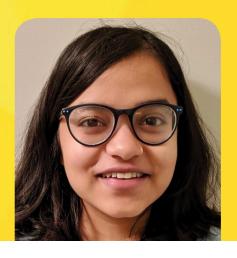
Tao-Yu Huang (Goldman)



Joonsoo Kim (Sun)



Jingxian Li (Li)







Vaideh Menon (Qi)



Thomas
Valenza
(Marquis)

Summer 2021



Alex Moy (Sakamoto)



Daniel Yin (Misra)

Winter 2021



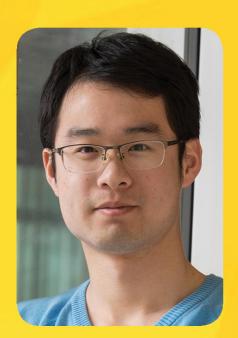
Sam Frisone (Goldman)



David Speer (Tuteja)



Vishal Subramanian (Gavini)



Guangyu Wang (Kieffer)

DEI Events





September 2021

DEI LECTURE SERIES

Stereotyping, implicit bias and the experiences of women and underrepresented minorities in STEM



Presented by Denise Sekaquaptewa
University Diversity and Social Transformation Professor of Psychology, LSA

SEPTEMBER 23

12-1 pm | Zoom webinar (registration required)

Learning how to recognize and prevent our own bias from having negative impacts is a lifelong practice. Stereotype threat is the risk of confirming negative stereotypes about an individual's racial, ethnic, gender, or cultural group which can create high cognitive load and reduce academic focus and performance.

Experimental research on implicit bias and stereotype threat has revealed the powerful influence of negative stereotypes on women and URM people in STEM.

This work reveals differential evaluation of women vs. men and majority vs. URM groups, and shows the influence of a more "chilly" or negative climate for members of groups targeted by negative stereotypes.

<u>U-M Professor Denise Sekaquaptewa</u> will describe social science research findings regarding the experiences of White women and underrepresented racial/ethnic minority (URM) people in STEM fields and discuss recommendations for institutional change that can help create a more inclusive and equitable environment for all.

RSVP

In case you missed it...



The Michigan Marching Band's half-time show this past Saturday, on the 20th

anniversary of 9/11, was pretty spectacular. Check it out if you didn't go to the game - or if you want to watch it again!







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