

## Last shot

As the semester winds down, vaccine opportunities are gearing up, so we urge everyone to get vaccinated as soon as possible. In this issue we have lots of Covid news, a new undergraduate MSE major recruiting program that will compensate students for helping out at MSE recruiting events, and a link to the MSE DEI survey results, if you missed the presentation (thank you, Geordie and survey team!) yesterday. So, happy studying, good luck on exams, and don't miss your shot!

Questions, comments or ideas for TeamMSE? Contact Kristen at <a href="mailto:kristen@umich.edu">krisfres@umich.edu</a>.

We'd love to hear from you!



## Campus cases decrease but state remains a hotspot

The number of new COVID-19 student cases is decreasing, with students now representing 8 percent of the cases in the county. Social gatherings continue to be a significant factor associated with transmission. Positive cases and hospitalizations in Michigan remain high.

## Students asked to report complete vaccinations

To help assess public health conditions, aid in future decision-making and exempt vaccinated students from some requirements, U-M is urging students to report when they receive their final COVID-19 vaccine dose.

Additional U-M vaccine clinics scheduled for this

#### week

U-M has scheduled additional clinics for all students, faculty and staff, including:

- On April 21, Pfizer vaccine doses will be administered at the Michigan Athletics Indoor Training Facility at 1150 South State St. <u>Registration</u> and a <u>consent form</u> are required.
- On April 22 and 23, Meijer Pharmacy at 3145 Ann Arbor-Saline Road will provide 1,170 appointments each day for inoculation with the Pfizer vaccine. To register, Text "GoBlue" to 75049 or visit clinic.meijer.com/register/CL0064.

## What if I've already gotten the J&J vaccine?

As you know, last week the CDC and U.S. Food and Drug Administration recommended a pause on giving out the Johnson & Johnson/Janssen vaccine after six women experienced blood clots in the brain within two weeks after vaccination, and after more than 6.8 million people in the U.S. received the one-dose COVID-19 vaccine. If you are one of those who received the J&J vaccine, U-M Dr. Geoffrey Barnes, a cardiologist and blood clot expert, shared his insights in What You Should Know about the J&J Vaccination Pause.

Click here for U-M's COVID-19 Dashboard



## Upcoming Events



# MSE Virtual Graduation Ceremony\* May 1, 2021 3:30 p.m.

**MSE Reception immediately following on Spatial Chat** 

\*Celebrating all undergraduate, master's & Ph.D. graduates from Fall 2020 & Spring 2021

## Upcoming Ph.D. Dissertation Defenses

**Abhishek Dhyani defense set for Monday, May 3** 

A member of the Tuteja lab, **Abhishek Dhyani** will present

"Design and applications of surfaces for solid fouling control" on **Monday**, **May 3 at 12:00 p.m.** Zoom link:





Best of luck, Abhishek!

## Nocona Sanders defense: Monday, May 17

Nocona Sanders (Kioupakis group), will present "First-Principles Calculations on the Electronic and Optical Properties of Polar Functional Materials" on Monday, May 17 at 11:00 a.m. Zoom link: umich.zoom.us/j/96866962405, passcode 268150 Good luck, Nocona!





MSE announces new undergraduate student recruiting program



## Calling all MSE students!

The MSE Undergraduate Program Committee is inviting all graduate and undergraduate MSE majors to help us recruit new MSE undergraduate majors from undeclared CoE freshmen and broaden our diversity. Starting in May 2021, students who participate in freshmen outreach events (e.g., Campus Day, MSE open houses, majors fair, etc.) will be rewarded for their help in spreading the word about our department. The department is partnering with students to serve as undergraduate student recruiters for these events. Students will be compensated based on how many hours they participate in recruiting. Please contact Cassandra Franklin-Smith at <a href="majorstate-cassware@umich.edu">cassware@umich.edu</a> with the subject line "recruiting program" if you want to serve as an undergraduate student recruiter so that we can begin the partnership and get you set up to receive compensation for your efforts.

**Eligibility:** Graduate and undergraduate students who are currently enrolled in the MSE program. MSE minors are not eligible.





With Earth Day coming up, MSE Professor Brian Love and Ph.D. student Julie Rieland appear in a <u>video</u> explaining into how the pandemic has impacted reusable and sustainable materials. <u>Learn more about Love's</u> research.

We were deeply saddened to hear of the passing of ME Professor Jyoti Mazumder, who had an MSE courtesy appointment, on April 10. "Professor Mazumder was a distinguished colleague and mentor and a world-leader in laser-based manufacturing. His passing is tragic and he will be missed by all who worked with him," said MSE Chair

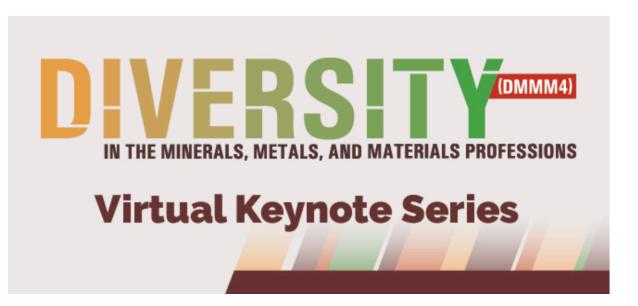
Amit Misra. Read more.





## MSE DEI Survey results now available

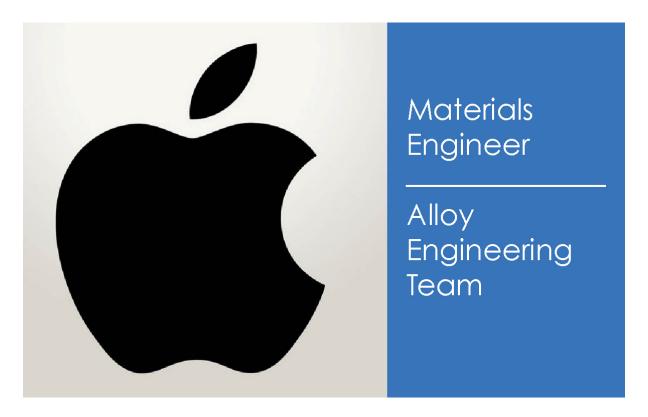
GSC president Georgdie Lindemann and the DEI survey team presented the results of MSE DEI survey yesterday afternoon. Overall findings revealed areas where MSE is doing a good job with its DEI efforts as well as identified specific areas for improvement in areas such as DEI events, burnout, mental health/positivity, outreach and career/professional development. To read the full results, click here.



## **Optimize Your Approach to DEI**

Sign up now for the upcoming Diversity in the Minerals, Metals, and Materials Professions Virtual Keynote Series. Gain the knowledge and motivating inspiration you need to address diversity, equity, and inclusion (DEI) within your own areas of influence, whether within or outside the workplace. Recognized experts in advancing DEI will share strategies and insights that are effective and actionable, with opportunity for interaction through a live, moderated question and answer session. Register now for the live events on **April 21**, **May 5**, and **May 12** from **1:00-2:00 p.m.**, EDT. This TMS webinar is available at no cost to members and non-members, but registration is required. **Register here.** 





## **Materials Engineer - Alloys/Metals**

Santa Clara Valley (Cupertino) California

As a member of the Alloy Engineering team at Apple, you will help create the next generation of the world's finest consumer electronic devices. You will drive the rapid advancement of alloys, coatings, and processes that are the building blocks of our products. This position will interface within Alloy Engineering and directly with other Product Design, Operations, and Industrial Design teams to advance and shape Apple's advanced materials.

#### **Key Qualifications:**

- Experience leading large alloy development and processing-related projects
- Experience with material selection and qualification for product design
- Experience employing integrated computational materials engineering for alloy design and process optimization is highly desirable
- Experience in the physical metallurgy and processing of aluminum alloys, stainless steels, and their surface finishing is highly desirable
- Flexibility and comfort working in a fast-paced environment

**Description:** This position within the Alloy Engineering team will lead development projects related to metals, alloys, and coatings that will affect

future Apple products. Responsibilities will include identifying, developing, and applying new alloy and processing solutions for Apple products. The candidate will have experience in applying physical metallurgy principles to materials development, preferably utilizing integrated computational materials engineering and system engineering approaches. An understanding of materials processing and manufacturing is also important for this position. Experience with a variety of ferrous, non-ferrous, and reactive metal alloys to assist designers in material selection for cosmetic, mechanical, and other performance metrics is crucial. The successful candidate must posses the ability to manage numerous projects simultaneously with contending priorities.

**Education & Experience:** A minimum of B.S. in Materials Science, Metallurgy or a related field is required. M.S. or Ph.D. is helpful.

**Submit resume** 

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Our mailing address is:

2300 Hayward St. 3062 H.H. Dow Building Ann Arbor, MI 48109