



TEAM **M** MISE

No MAYhem here

This week we have lots of (good!) Covid news, and, just to extend the glow of graduation a bit longer, the link to the MSE ceremony in its entirety for you to play at your leisure. Plus, we introduce the new GSC board and announce a new post-doc position at Purdue. Happy reading (and watching)!

Questions, comments or ideas for TeamMSE? Contact Kristen at krisfres@umich.edu.

We'd love to hear from you!



Campus COVID Status

CoE reopens faculty/postdoc/grad student offices

As of yesterday, May 10, CoE has reopened faculty, postdoc and graduate student offices, as well as conference rooms. The density limit for all these spaces is 144 sq. ft. per person. A 6-ft. minimum distance between persons also must be maintained at all times. These restrictions imply that most faculty offices can only hold one person at a time and shared offices will need to implement a staggered meeting schedule.

U-M relaxes mask mandate for outdoor spaces

Effective immediately, U-M has updated its face-covering policy and will allow individuals to go mask-free while outdoors on campus, provided they avoid gatherings of 100 or more. Note that face coverings are still required when inside buildings, on U-M transportation, participating in organized contact

sports, and when outdoors in gatherings of 100 or more. This applies to all individuals, regardless of vaccination status.

Got your shot?

U-M continues to strongly encourage everyone to get vaccinated. Appointments remain available at many local and on-campus vaccination clinics. Second-dose-only appointments are also available through U-M, and nationwide through retail pharmacies, in the event individuals need to schedule their second dose elsewhere. For a second-dose appointment through U-M, individuals should call 734-763-6336 to provide information on their first-dose manufacturer and be scheduled.

After their final dose, students are strongly encouraged to submit their vaccination information through Wolverine Access to verify with the university they are fully vaccinated, which will exempt them from weekly mandatory testing and potential quarantine requirements.

Students planning to live in Michigan Housing in the fall will be required to be fully vaccinated for COVID-19 or request a vaccination exemption. Details on the Michigan Housing vaccination exemption process will be shared in the coming weeks.

Students who are still in need of vaccination in the fall will have the opportunity to get vaccinated upon their arrival to Ann Arbor. This includes students arriving to campus from domestic locations as well as from abroad.

Quarantine time reduced

As a result of the current low transmission rate of COVID-19 in the university community, U-M has adopted a 10-day period of quarantine for unvaccinated individuals following a close-contact exposure. If the COVID-19 exposure is to a known or suspected case of variants P.1, B.1.351, B.1.617 or travel related to India, individuals are instructed to quarantine for 14 days.

Any individual who develops symptoms during their quarantine period should get evaluated and tested.

Fully vaccinated individuals who remain symptom-free are not required to quarantine following a close-contact exposure to COVID-19.

[**Click here for U-M's COVID-19 Dashboard**](#)

Upcoming Events

**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!



This summer, RELATE invites you to participate in an intensive communication training workshop from 4:00-5:30 pm on Thursdays (June 3rd - July 22nd), hosted virtually on Zoom. The workshop is designed for STEM graduate

students, postdocs, and researchers who want to be able to discuss their work with any audience. **Applications are due on May 14 by 5 p.m.**; please visit learntorelate.org/workshop-application or contact us at RELATE.coordinators@umich.edu for more information and to access the application.



Watch now: MSE Graduation Ceremony from May 1, featuring thank yous from graduates, alumni/faculty/staff messages, and a roll call of all graduating Ph.D., master's and undergraduate students from Fall 2020 and Winter 2021.



Research Highlights



Article by Berman and Allison score JOM cover

Just got word that an article about Mg sheet alloys by Tracy Berman and John Allison made the May cover of TMS' JOM (formerly Journal of Metals). The article, "Coupling Thermomechanical Processing and Alloy Design to Improve Textures in Mg-Zn-Ca Sheet Alloys" can be accessed [here](#).

Congrats, Tracy & John!

Student News

Congratulations to the 2021-22 GSC board!

President: Kyle Bushick

Past-President: Geordie Lindemann

Treasurer: Hongling Lu

Secretary: Paul Chao

2nd Year PhD Rep.: Nicholas Etrick

4th Year PhD Rep.: Julia Lenef

5th+ Year PhD Rep.: Duncan Greeley

Note that the **master's** and **3rd Year PhD rep** positions are still open, so if you are interested in running, please contact [Kyle Bushick](#) or [Geordie Lindemann](#).

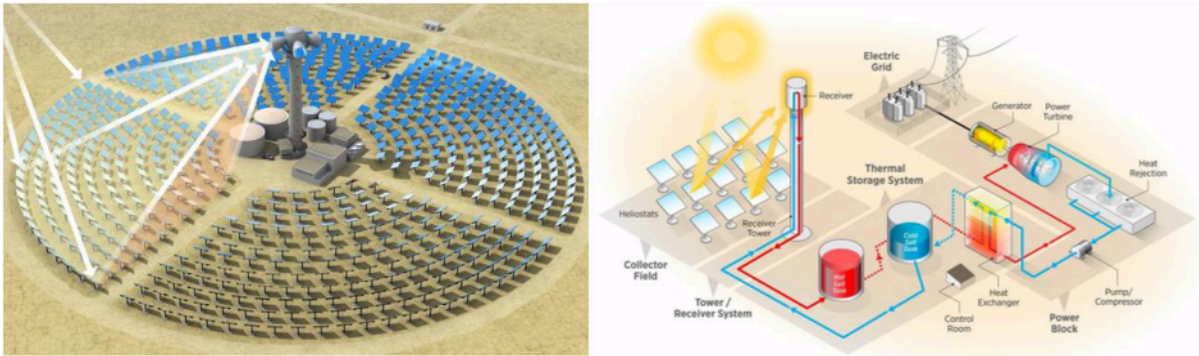
Student Opportunities

Volunteers needed for MSE virtual outreach event May 19-20



Hello! We are looking for anyone interested in helping out with our next MSE Outreach event with Renaissance High School (Detroit) on May 19-20. The theme of the demo will be Fun with Thermodynamics, and we will be doing a live aluminum casting! All of the classes will be one hour long and held over Microsoft Teams. You can [sign up here](#). If you can, please sign up by May 10. We are mainly looking for assistance with moderating breakout rooms; a discussion guide and training will be provided! We hope to see you there.

Post-doc fellow position open at Purdue



A position for a Post-Doctoral Fellow working in the area of melt infiltration processing of shaped ceramic composites is immediately available in the research group of Ken H. Sandhage (Reilly Professor of Materials Engineering) in the School of Materials Engineering at Purdue University in West Lafayette, Ind. The aim of this position is to develop near net-shaped ceramic composites for use as thermally-, mechanically-, and chemically-robust materials for high-temperature heat exchangers (HEXs) in Concentrated Solar Power (CSP) systems (Figure 1), in order to raise the peak operational temperature relative to current HEXs comprised of structural metal alloys. The Post-Doctoral Fellow will join a multidisciplinary team of researchers at Purdue University, the Massachusetts Institute of Technology, and Thar Energy supported by the U.S. Department of Energy (DOE). This Post-Doctoral Fellow will conduct research on the development of a melt infiltration process for converting porous shaped preforms into dense, near net-shaped ceramic composites of desired chemistry and phase content. The position will also involve writing publications, making presentations, and preparing reports for DOE. Highly motivated, hardworking candidates with a strong background and good hands-on skills related to the fabrication of shaped porous ceramic preforms, reactive melt infiltration into such preforms, evaluation of interfacial reactions, and characterization of the microstructure and properties of ceramic composites are strongly encouraged to apply. Candidates should possess a Ph.D. in materials science and engineering, ceramic engineering, metallurgical engineering, or a related field, with good English speaking skills and a demonstrated ability to write technical articles in English. Qualified applicants should send resumes (with a publication list), 2-3

representative publications, a brief description of career goals and motivation for joining this effort, and contact information (with phone numbers) for 3 references by e-mail to: sandhage@purdue.edu



Local museum events celebrate Asian cultures



At UMMA on May 12: Celebrating Chinese Ceramic Arts & the Weese Collection. The Weese Collection includes more than 1,000 ceramics and decorative arts from China's Neolithic period through the Ming and Qing dynasties, with pieces dating from as early as 3000 BCE through to the mid 19th century. The Zoom event will take place tomorrow, Wednesday, May 12 from 7-8 p.m. Registration is required. [Click here](#) for more information.

Asian Pacific Heritage Month Virtual Celebration at the Detroit Institute of Arts (DIA)

The DIA invites you to celebrate AAPI Month from home with online programs including music, dance, film, art talks, puppets and more. Professional and community cultural groups showcase a blend of traditional and contemporary artistry across several Asian cultures. [Click here](#) for schedule of events.



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