

Welcome back!

Hope you had a relaxing and rejuvenating break last week.

We have LOTS of news and events to catch you up on in today's issue!

Our next issue of TeamMSE will be Monday, March 21. If you have information you'd like to share with the community, please email **Kristen Freshley** at krisfres@umich.edu by Sunday, March 20. Happy reading!



Graduate students Megan Trombley (Allison), Duncan Greeley (Allison), Aaron Gladstein (Taub), and Geordie Lindemann (Shahani) take in the views of Disneyland at the U-M/OSU mixer during the TMS annual meeting last Monday (Feb. 28) in Anaheim, California. Check out more mixer photos here.



Here's what you need to know in regard to the latest campus Covid news:

Post-Spring Break testing advised

If you traveled last week over break, you are encouraged to get a COVID-19 test to keep any potential spread of Covid in check. Testing is available through the Community Sampling and Tracking Program or through rapid antigen tests.

Pop-up vaccine clinics tomorrow and Wednesday

Walk-in vaccine clinics for all U-M students and staff will be held tomorrow, **March 8** from 10-2:30 at the Mosher Jordan upper Blue Market dining area, and on **Wednesday, March 9** from 10-2:30 in the South Quad Transformer Lounge (next to the dining hall). Be sure to bring a picture of an insurance card, COVID vaccine card, and photo ID.

Updates to ResponsiBLUE include booster information

Significant updates - including new statuses to support U-M's COVID-19 booster requirement - have been made to ResponsiBLUE. The updated version will be available this Wednesday, March 9. **Read more**.

Indoor masking policy remains in effect

As of yet there are no plans to change our COVID-19 mask requirement at this time. Campus leaders are continuing to evaluate the latest guidance and recommendations.



MMS Apparel Sale is on! Pre-order by March 13



MSE is selling t-shirts, crewnecks, and quarter-zip sweatshirts. Click here to see the products. If you are interested in buying apparel, please fill out this pre-order form by Sunday, March 13 at 11:59 pm. You must be able to pick up apparel on campus. Payment methods and apparel distribution will be sent out in a future email.

DEI Workshop "Helping a Student in Distress" this Thursday, March 10

Thursday, March 10 3:30-4:30 p.m., 2150 Dow

The DEI Student Allies are hosting an in-person workshop facilitated by Counseling and Psychological Services (CAPS), which will provide tips on what to look for in a friend or student who may be struggling with their mental health and how to approach/help them in a kind and constructive way. RSVP for the workshop here.



MMS Luncheon guest this Friday, March 11: Society of Plastics Engineers



Friday, March 11 12:30-1:30 p.m., 1013 Dow

Join us for this week's MMS Luncheon with the Society of Plastics Engineers. Take away lunches will be provided.

MMS Officers Election Friday, March 18

The time has come to elect the MMS Executive Board for the 2022-2023 school year! Details for each position can be found here. Nominate yourself or others here by Wednesday,

March 16. (Note: You can be nominated for more than one position.) Elections will be held on Friday, March 18 at 12:30 p.m.



GSC Virtual Career Panel (Academia) March 25



Are you interested in learning more about the diverse paths that can lead to a career in academia? GSC is hosting a virtual panel with early-career faculty on the afternoon of Friday, March 25. Panelists and timing to be announced. For more information/questions, contact <u>Duncan Greeley</u>.

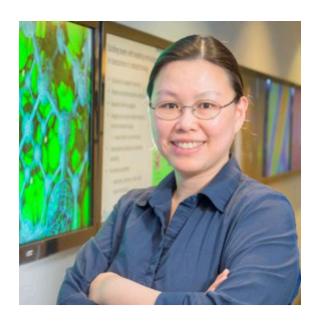
Seminar Speaker for March 25: Maria Chan of ANL

On **Friday, March 25**, Maria Chan of Argonne National Laboratory will present "Theoryguided AI/ML for Materials Design and Characterization" at 10:30 a.m. via Zoom:

umich.zoom.us/j/99711556862

Passcode: mse890

Chan is a scientist with ANL's Center for Nanoscale Materials.



Graduation application deadline Thursday!



This **Thursday**, **March 10** is the deadline to have your name listed in the commencement program. Other important dates regarding Graduation include:

Monday, March 28
(10-11 a.m., 3-4 p.m.) - Professional photographer will be in MSE student lounge in Dow to take official portraits of Spring, Summer and December 2022 graduates.

Tuesday, April 19 - Last day of classes and deadline to apply for spring graduation.

Thursday, April 28 (6-8:00 p.m.) - MSE graduation dinner in Robotics Lobby. Invitations coming soon.



MSE Graduation Dinner 2022

Thursday, April 28 • 6-8:00 p.m. • Robotics Lobby

*Celebrating all undergraduate, master's and Ph.D. graduates from Fall 2021 and Spring 2022

Events Recap

MSE @ TMS 2022

The annual meeting of The Minerals, Metals, and Materials Society (TMS) was held last week in Anaheim, Calif. Between awards and presentations, MSE faculty and alumni had a strong presence at the meeting, which drew over 4,000 materials experts. Below is a summary of the MSE faculty and alumni who made TMS news.

Faculty honors



Faculty emeritus **Wayne Jones** was honored with a symposium organized by the Light Metals Division: *Failure, and a Career that is Anything But: An LMD Symposium Honoring J. Wayne Jones.* The symposium was organized by MSE alums Tori Miller (Univ. of Florida), Nik Chawla (Purdue University), Trevor Harding (California Polytechnic State University), and Paul Krajewski (GM), and former faculty member Tresa Pollock (UC-Santa Barbara).

MSE chair **Amit Misra** was elected Fellow of TMS. The award recognizes TMS members for outstanding contributions to the practice of metallurgy, materials science and technology. Misra was selected "for pioneering research in nanomechanics and interfaceenabled mechanical behavior and radiation effects in multiphase and multilayered materials, professorship leadership, and mentoring of early-career scientists."



Alumni presenters

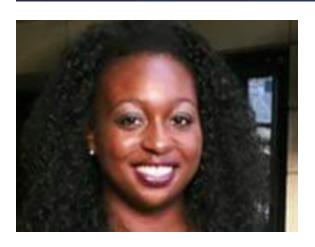


MSE alum and EAB member **Jim Yurko**, Senior Distinguished
Engineer at Apple, presented the AllConference Plenary talk: "Alloy
Design at Apple." Jim was recently
inducted into the National Academy
of Engineering (NAE), Class of 2022,
and was the CoE MSE Alumni Merit
Award recipient in 2019.

Paul Krajewski headlined the EPD/MPMD's luncheon with "An Automotive View of Sustainability." An executive with GM, Krajewski's talk focused on how materials will be a key part of the automotive industry's shift to electric and autonomous vehicles. Krajewski is a member of NAE and was the CoE MSE Alumni Merit Award recipient in 2014.



Alumni awards



Warfare Center, received the TMS
Stuctural Materials Division Young
Leaders Professional
Development Award.

Clinique Brundidge, Lead Materials

Scientist with the Naval Surface

Elizabeth Holm, a professor at

Carnegie Mellon University and current EAB member, received the TMS Stuctural Materials Division Distinguished Scientist/Engineer Award as well as the AIME Honorary Membership Award.





Corbett Battaile, Principal Member of Technical Staff at Sandia National Laboratories, earned the TMS Materials Processing & Manufacturing Division Distinguished Service Award.

Victoria Miller, an assistant professor at the University of Florida, received the Young Leaders International Scholar - JIM.



TMS2022 Bladesmithing Team



The MSE Bladesmithing Team earned an honorable mention at this year's TMS competition. Pictured above are team members Jesse Hu, Tim Chambers (adviser), Yichen Wang, Jeffrey Tschirhart, and Megan Klein.



Taub named Robert H. Lurie Professor of Engineering



MSE is pleased to announce that Professor Alan Taub has been named the Robert H. Lurie Professor of Engineering. An official professorship ceremony will be held later this spring. Congratulations, Alan!



Three MSE students receive 2022 achievement awards from CoE

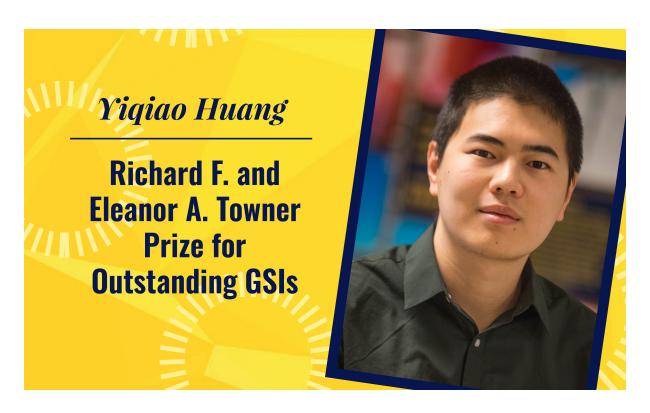


MMS President **Ella Leininger** is the recipient of two CoE leadership awards: the Distinguished Leadership Award and Arlen R. Hellwarth Award, both of which are conferred to engineering students who have demonstrated outstanding leadership and service to the College, University, and community. Congratulations, Ella!



Ph.D. candidate **Alex Kate Halvey** is the 2022 recipient of the College's Richard F. and Eleanor A. Towner Prize for Distinguished Academic Achievement. The honor is presented annually to the outstanding graduate student in each engineering degree

program. Criteria considered by the department awards committee include a student's active participation in research, leadership and academic performance (GPA). A member of the Tuteja lab, Alex Kate's research is in the field of surface and interface science, using chemistry and polymer mechanics to design surfaces which shed solid contaminants. This work includes developing ice shedding coatings to improve the safety and efficiency of renewable energy generation and naval and aerospace operations in winter climates, and superhydrophobic cell culture platforms that enable accurate, high-throughput drug screening *in vitro*. Congratulations, Alex Kate!



Yiqiao Huang has won the 2022 Richard and Eleanor Towner Prize for Outstanding GSIs. This year's award honors engineering GSIs who have demonstrated innovation and excellence in teaching, especially during the COVID-19 pandemic. Congratulations, Yiqiao!

Job Opportunities

ASM lists metals/manufacturing positions



ASM CareerHub currently has several job listings from across the country for materials engineering graduates in metals/manufacturing. Check out the listings here.







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Our mailing address is:

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

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