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COLLEGE OF ENGINEERING
MATERIALS SCIENCE & ENGINEERING
UNIVERSITY OF MICHIGAN



FALL 2024 - October 3 issue



Last week *U.S. News & World Report* announced its 2025 undergraduate program rankings, and U-M ranks **#4 in the country** (tied with University of Illinois) for the second year in a row. Ranked above us are MIT, UC Berkeley and Georgia Tech, respectively. Stanford (#6), Northwestern (#7), Cornell (#8), Carnegie Mellon (#9), Cal Tech (#10) and Purdue (#10) round out the Top 10.



**TOWSLEY STUDENT LOUNGE OFFICIALLY REOPENS WTH
UPDATED, MODERN LOOK**





Students enjoy a specialty coffee from Catered Coffee at the official reopening of the Towsley Student Lounge on Tuesday, Oct. 1. The remodeled space, which features new carpeting and furniture, was part of the Dow Right Now campaign, which has the goal of making Dow a more welcoming and happier place to be.

CASTING DEMO HIGHLIGHT OF MSE OPEN HOUSE EVENT





On Friday, September 27, MSE hosted potential new students and their parents at a special Open House in the Van Vlack Lab. Above, Sahar Farjami shows MSE chair Liz Holm how to use crucible tongs as a student interested in MSE looks on. Click [here](#) to view for more photos (courtesy of Steve Yalisove).

Upcoming department events

07
OCT

GRADUATE TOOLKITS: "HOW TO READ & CRITIQUE SCIENTIFIC PAPERS," WITH WENHAO SUN

Understanding the structure, engaging in active reading, and applying critical appraisal skills are part of a process that not only enhances your knowledge of scientific literature, but also improves your own research and writing skills. Register and reserve your lunch [here](#).

Date: Monday, October 7

Time: 12:30 - 1:30 pm

Where: 2000 PML

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SPECIAL SEMINAR WITH KAITLIN TYLER

Kaitlin Tyler, a product manager with Ansys, will present "Exploring Sustainable Material Choices with *Ansys Granta EduPack*"

Date: Monday, Oct. 7

Time: 3:00 p.m.- 4:30 p.m.

Where: 2153 GGB

10
&
11
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VAN VLACK LECTURESHIP

We are excited to welcome back former MSE (and Van Vlack) Professor **Tresa Pollock**, now at UCSB, as our 2024 Van Vlack Lecturer. During her time on campus, Professor Pollock will give two lectures as detailed below.

Thursday, Oct. 10: 4:00 p.m. | Johnson Rooms

Friday, Oct. 11: 10:30 a.m. | 1670 Beyster

14

FALL BREAK

No classes on these days. Enjoy the extra long weekend!



Monday, Oct. 14: No classes

Tuesday, Oct. 15: No classes

Special Announcements

DROP-IN FLU VACCINE CLINICS ON NORTH CAMPUS

All U-M students, faculty and staff are invited to participate in drop-in flu vaccine clinics happening around campus through early December. No appointment needed; Covid-19 vaccines will also be offered as they become available. The following is a list of influenza vaccine clinics being held on North Campus next week:

Tuesday, October 8 | 10-2:00 | Pierpont Commons - East Room

Thursday, October 10 | 12-4:00 | Bursley Hall (Blue Market Dining Room)

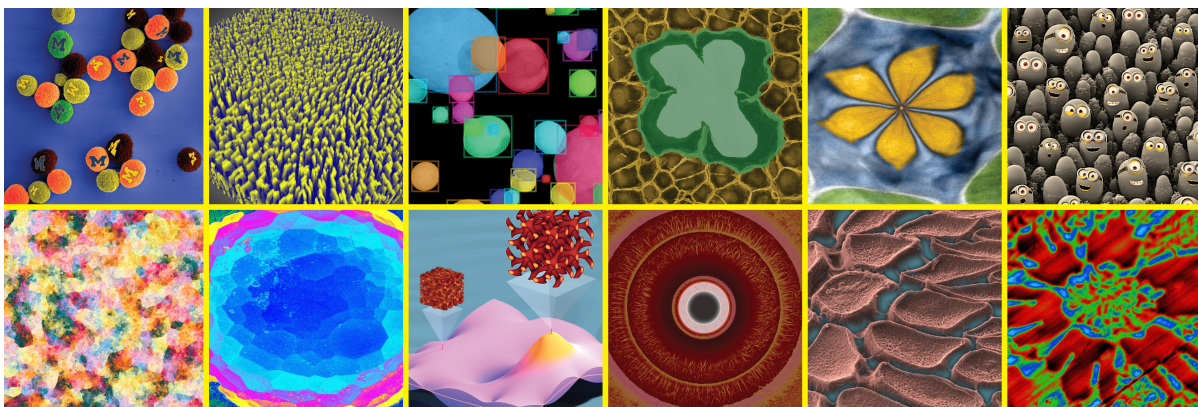
Friday, October 11 | 9:30-2:30 | Duderstadt - Room #1120 B&D and Connector

[Click here](#) to see full drop-in clinic schedule.

OUR 2025 CALENDAR IMAGE CONTEST IS OFFICIALLY OPEN! WINNERS WILL RECEIVE \$200 PER IMAGE

We're looking for some cool, creative "science as art" images to use in a variety of departmental marketing materials, including our 2025 calendar. Please submit your images (with explanatory caption and advisor/course name) [here](#) by **Friday, November 8**.

If your image is selected, you will receive **\$200!** High-resolution images only. All MSE students and postdocs are welcome to participate, but submissions must be based on research conducted at U-M. For inspiration, see some of last year's winners below.



Faculty News & Awards

YIYANG LI RECEIVES DARPA YOUNG FACULTY AWARD

Li's research could have significant implications for improving the reliability and functionality of a wide range of electronic devices and systems.

Prof. [Yiyang Li](#) has been awarded a 2024 Young Faculty Award from the Defense Advanced Research Projects Agency (DARPA) research project, "Electromagnetic interference (EMI-) resilient nonvolatile memory using oxygen ion devices," "DARPA projects have had very strong track records of innovation, including the development of ARPANET, an early precursor to the Internet," said MSE chair Elizabeth Holm. "We are excited that Prof. Li has the opportunity to follow in those footsteps with this project."



[Read more](#)

Student News

CONGRATULATIONS TO ALL OUR NEWLY DECLARED MSE STUDENTS!



Last Thursday, September 26, MSE celebrated all the newly declared MSE students at a special dinner. Pictured above are: **Ziang He, Nicholas Gaston, Daniel Fealko, Olivia Schroder, Julia Curtin, Emma Wyatt, Analeigh Majewski, Lillie Gregory, David Race, and Daniel Williams.**

CONGRATULATIONS and WELCOME to the following students who declared MSE as their major this year!

Newly declared MSE students (January-October 2024)

Nuoyun Chen
Julia Curtin
Daniel Fealko
Nicholas Gaston
Lillian Gregory
Ziang He
Isabelle Holden
Amiya Johnson
Daniel Johnson
Jessica Kaczor
Emmeline Kryscynski
Thomas Lepper
Natalia Loehr-Peebles
Analeigh Majewski
Roshan Nair

Binh Nguyen
Elsa Nowak
Maximillian Parr
Jack Pellerito
David Race
Malini Rajesh
Eli Richey
Katherine Rybkin
Olivia Schroder
Teseyang Shera
Morgan Taege
Kyle Walchuk
Daniel Williams
Emma Wyatt

Congratulations!

Staff News

RENEE HILGENDORF CELEBRATES 35 YEARS WITH U-M



Last Monday, September 23, MSE graduate program advisor **Renee Hilgendorf** was invited to the Big House for a Service Award banquet to honor employees who have been with the university for 25, 30, 35, 40, 45, 50, 55 or 60 years. Renee has been with MSE since 1996; prior to that she worked at Rackham for eight years in the fellowships office. **Congratulations and happy 35th UMich-iversary, Renee!**

Alumni News

AARON GLADSTEIN (PHD '22) WELCOMES SON EMMETT



Aaron Gladstein (PHD '22), a former member of the Taub group and GSC president, sent in an update to share the news that he and his wife Rebecca welcomed a son, Emmett, on September 16. Aaron, now a sr. light weight alloys engineer with Pratt & Whitney in Connecticut, says the whole family is "happy and healthy" and that they have already started Emmett on a "strict regimen of U-M football games."

Education Highlights

THE LATEST HOT TOPIC ON 'UNDERCOOLED' PODCAST

In their most recent episode, hosts Steve Yalisove and Tim Chambers interview Dr. Tershia Pinder-Grover, the director of the Center for Research on Learning and Teaching in Engineering (CRLT), which is celebrating its 20th anniversary. Click on the image below to watch the interview.





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