

Fall treats

With Halloween right around the corner, we have lots of treats in store for you in today's issue. But the biggest treat of all may be this stunning "second summer" weather we're currently experiencing! Hope you get to get out and enjoy it.

The next issue of TeamMSE will be published Monday, Nov. 7. If you have anything you'd like to submit, please send it to Kristen Freshley at krisfres@umich.edu by Sunday, Nov. 6.

Upcoming Events



This week's seminar speaker: Editor Steven Cranford

Steven Cranford, editor-in-chief of Matter at Cell Press, will present "*Make Your Research Matter*:"

Tips from the Editor-in-Chief this **Friday, October 28 at 10:15 a.m.** in 1670 Beyster.

Zoom: <https://umich.zoom.us/j/98899169074>

Passcode: mse890



Next week's seminar speaker: Stanford's Eric Appel



Eric Appel of Stanford University will present "Supramolecular (Bio)materials: From fundamentals to advanced healthcare solutions" **Friday, November 4 at 10:15 a.m.** in 1670 Beyster.

Zoom: <https://umich.zoom.us/j/98899169074>

Passcode: [mse890](#)

This week's MMS luncheon guest: Constellium

When: Friday, 10/28, 11:30 a.m.

Where: 1010 Dow

Constellium is an aluminum product manufacturer and distributor. Come get some Potbelly sandwiches and hear about what they do!

GSC Halloween Party Thursday, Oct. 27

Grab a costume and join the spooky fun on Thursday, Oct. 27 starting at 8:45 p.m. [RSVP here](#) for the address.

MSE GRADUATE STUDENT COUNCIL:

HALLOWEEN PARTY

THURSDAY, OCTOBER 27TH, 2022
PARTY STARTS AT 8:45 PM

RSVP FOR
ADDRESS

PRIZE FOR BEST
COSTUME (SINGLE,
PAIRED)



RSVP LINK (QR CODE ABOVE):
[HTTPS://FORMS.GLE/FEFTTY40DQMBK
VT5A](https://forms.gle/FEFTTY40DQMBKVT5A)

MMS/MMRI Seminar with Apple's Jim Yurko Oct. 28

When: Friday, October 28, 3:00 p.m.

Where: 1670 Beyster



What: A talk with MSE alum Jim Yurko (BSE '97), Senior Distinguished Engineer at Apple Inc., titled “Alloy Design at Apple.”

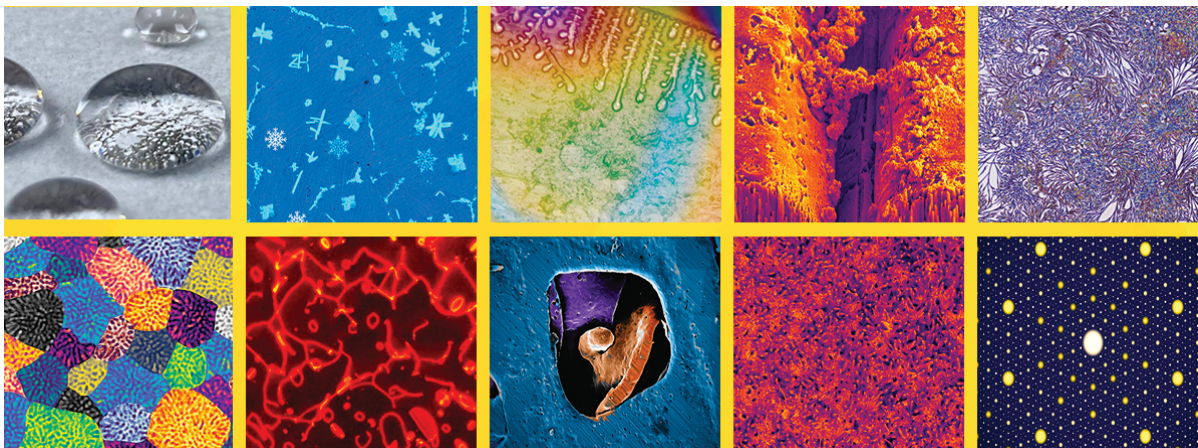
This event will be in-person only.

Trick-or-treating in MSE next Monday, Oct. 31!



Back by popular demand! Select staff members will be offering holiday treats for all MSE students in the Dow Building from 10 a.m.-3:00 p.m. on **Monday, October 31**. More details coming later this week.

Deadline to submit 2023 calendar images Fri., Nov. 4



We've already had some really cool submissions so thank you to those who have sent in images -- but we need more! **Entry deadline is 11:59 p.m. Friday, Nov. 4 (a week from this Friday). Submit images [here](#).**

GSC Chili Cook-off on for Friday, Nov. 4

The MSE Chili Cook-off is returning this year! Anyone in MSE is welcome to join as a participant in the competition or as a judge (a.k.a., just come eat food). Feel free to submit a delicious entry alone, or get your friends or lab together for a group entry. Sign up [here](#).

MSE GRADUATE STUDENT COUNCIL

CHILI COOK-OFF

11/04/2022

DOW 2150

4:30-6:30 pm



Events Recap

Li and Sun labs host Labwarming Party



On Friday, October 14, Assistant Professors Yiyang Li and Wenhao Sun opened their research spaces to visitors during a special labwarming party. The event was postponed from 2020 due to the pandemic and went ahead despite a water main break in the building that morning. Click [here](#) to view more photos.

DEI events

"Disability in Higher Education" seminar Nov. 17



You're invited to a special virtual seminar with Dr. Nicole Brown:

Thursday, Nov. 17
12:00-1:00 p.m.

Register for the Zoom session [here](#).

CART and ASL interpretation will be available.

Faculty News

Lu named Distinguished University Innovator of the Year



On October 13, **Wei Lu** was officially honored as this year's recipient of the U-M Distinguished University Innovator of the Year Award. Lu, a professor of electrical engineering and computer science with a courtesy appointment in MSE, was selected for his pioneering efforts in the development and commercialization of novel electrical devices.

[Read more.](#)

Congratulations, Wei!

Alumni News

Oldest (?) MSE alum Hull passes away at 106



Frederick Charles Hull, who very well may have been our oldest MSE alumnus, recently passed away at the age of 106. Born in 1915, Hull graduated from U-M in 1937 with a BS in metallurgy and went on to earn a Ph.D. from Carnegie Mellon in 1941. Hull made his career with Westinghouse (Pittsburgh) as a research metallurgist. He holds 10 U.S. patents, received the Dudley Medal of the American Society of Testing and Materials and the Lincoln Gold Metal of the American Welding Society, and was elected a Fellow of ASM.

Job opportunities

Ford looking to hire several new launch engineers



Ford is looking to hire several new/recent engineering graduates to help launch new Broncos, Rangers, Mustangs and F-150s. Job duties will include:

- Delivering new model launches in the assigned plant on time, on cost and at the target quality levels.
- Ensuring that the daily deployment of the on-site launch meeting cadence is followed, and that all launch processes and standards are followed, and management review documents are adhered to.
- Supporting delivery of the Vehicle Launch to the prescribed Build Event Timing delivering builds on time, at cost and with quality.
- Interfacing with the product/manufacturing engineers and assembly plant personal in identifying issues and timely resolution.
- Coordinating the on-site Modification process, work with the plant and suppliers to track part updates and monitor the plant draw down plan of vehicle inventory at ok to buy.
- Supporting development of risk mitigation actions and prove out plans to support quality launch.
- Coordinating on going launch team activities including part sign off activities and shortage meeting.
- Moving of pre-production vehicles through the plant inspection/control plan processes with on time delivery to customers.
- Preparing weekly Assessment report(s) including data entry and updating key metrics of the program health.

- Delivering key metrics status and the final presentation for director/management reviews.
- This could at times include work on Saturdays to complete launch objectives.
- **There is potential for 6 months of travel in 2022 to either Louisville or Chicago during Launches. Ford reimburses these costs and will reimburse for trips home every two weeks during that time period. Candidates must be open to this to be considered.

Skills Required: Launch Engineering Prototype Planning and Build

Skills Preferred: New Model Launch Proficiency including a working level knowledge of the processes by which New Model Programs launches vehicle programs (i.e. LQOS, GPDS, FPS, etc.).

Experience Required: Engineer, manufacturing, design and/or program management, with Project management or launch experience.

Experience Preferred: Experience with 8-D and problem-solving disciplines using statistical mindsets.

Education Required: Undergraduate (bachelor's degree) or higher

Anyone interested should reach out to Jacob Schneider, the recruiter supporting these pursuits at: Jacob.Schneider@kellyengineering.com, 248-914-5504 (phone), or (734) 224-4180 (texting)

Harvard's SEAS has four faculty openings



Harvard's John A. Paulson School of Engineering and Applied Sciences (SEAS) is seeking applicants for four positions in climate and energy science and technology, broadly defined, with an expected start date of July 1, 2023. Successful applicants will join the Environmental Science and Engineering area or another area of SEAS, including Applied Mathematics, Applied Physics, Biomedical Engineering, Computer Science, Electrical Engineering, and Materials Science and Mechanical Engineering. A broad range of approaches will be considered that includes modeling and analysis, sensing and monitoring, applied science and engineering of materials and devices,

and climate intervention. Submit applications [here](#). Applicants interested in a tenured position may send a cover letter and CV to climatesearch@seas.harvard.edu by November 7 to receive feedback by November 18. Review of applications will begin December 1 and conclude when the positions are filled.

ASU looking for faculty in area of machine learning



Arizona State University in Tempe is conducting a faculty search in the area of Machine Learning. They are seeking applicants who are interested in developing novel Machine Learning/Artificial Intelligence-based approaches for advancing the fields of mechanics and materials engineering. To learn more and/or apply, click [here](#).

Ford Foundation Fellowship Programs

	FORD FOUNDATION FELLOWSHIP PROGRAMS 2023 Dissertation and Postdoctoral Application Deadline: December 8, 2022, 5 pm EST 2023 Predoctoral Application Deadline: December 15, 2022, 5 pm EST www.nas.edu/ford NATIONAL ACADEMIES Sciences Engineering Medicine	 
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The National Academies is accepting applications for the 2023 Ford Foundation

Fellowship Programs. Eligibility and application information can be found [here](#).



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