



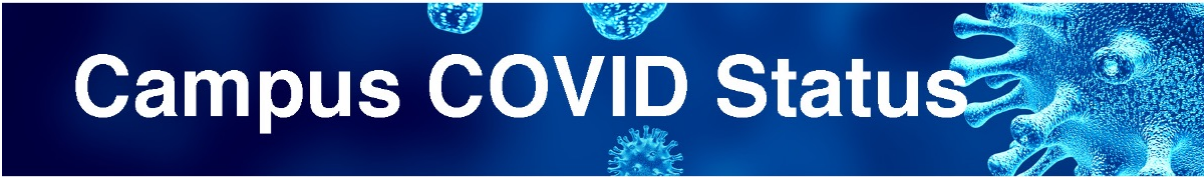
TEAM **M** MSE

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Hope you were able to rest and recharge a little over the holiday break and are ready for the final push to the end of the semester! After a very full issue last week, this week's edition is lighter, but we have several exciting events to share, including our first-ever all-MSE holiday party on December 15! Look for the sign-up link below.

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

We'd love to hear from you!



Campus COVID Status

Campus Covid cases are down, but guards need to stay up

As one would expect, COVID-19 activity on campus has slowed considerably due to the Thanksgiving break. The U-M community is reminded to remain vigilant in efforts to reduce spread: wear a face covering, practice social distancing, avoid social gatherings and stay home when sick. Fall semester surveillance and [departure testing](#) remains available to the U-M community through December 18.



Upcoming Events

You're invited to our
**MSE Virtual
Holiday Party!**

**Wednesday, Dec. 16
11:00 a.m. - 1:00 p.m.**

**Let's end this humbug of a year
on a jolly note! Join us for our
virtual holiday party, featuring:**

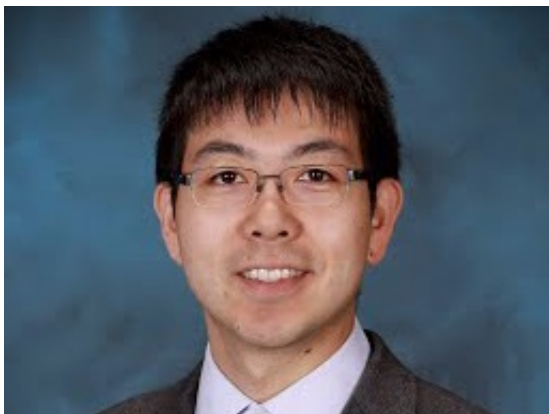
Games!

Staff awards!

Ugly sweater contest!

**Registration is requested
by Friday, Dec. 4, so
RSVP today!**

**Seminar speaker Dec. 4:
ME's Yue Fan**



Asst. Prof. Yue Fan will present
"Behaviors of Structural Materials away
from Equilibrium: a Tale of Two Solids by
Hovering Over the Energy
Landscape" **Friday, Dec. 4, at 10:30
a.m.** Zoom link:
<https://umich.zoom.us/j/98581317232>
Passcode: 152643

This week's MMS Luncheon: Lionano

Siyu Huang, CEO of [Lionano](https://lionano.com), will talk
about her company's research in
advanced battery materials. ***Lionano is
recruiting as well, so if you are
interested in the battery industry, this
would be a great talk to attend!*** MMS is
also raffling off two \$15 Grubhub coupons
to attendees. **Fri, Dec. 4, at 11:30 a.m.**

Zoom link:

<https://umich.zoom.us/j/98227729358>



2020 Distinguished University Professorship Lectures - Dec. 4

Two of the three speakers of this prestigious event have courtesy appointments with MSE,
Professor Nicholas Kotov and **Professor Victor Li**. The event will be held on Friday,
December 4 from 3:00-4:30 p.m. Watch live at <http://myumi.ch/lbDUP2020>



Nicholas Kotov

Irving Langmuir Distinguished University
Professor of Chemical Sciences &
Engineering, Joseph B. and Florence V.
Cejka Professor of Engineering, Professor
of Chemical Engineering, Professor of
Materials Science & Engineering,
Professor of Macromolecular Science &
Engineering, College of Engineering

Nanostructures in Nature

In this lecture, Professor Kotov will
address the role of organic and inorganic
nanostructure in the world around us, as
well as the technological and humanitarian
impact of this knowledge.

Victor Li

James R. Rice Distinguished University
Professor of Engineering, E. Benjamin
Wylie Collegiate Professor of Civil
Engineering, Professor of Civil and
Environmental Engineering, Professor of
Materials Science & Engineering,
Professor of Macromolecular Science &
Engineering, College of Engineering

Harmonizing Our Built and Natural Environments with Bendable Concrete

As our economies grow, the disharmony
between our built environment and our
natural environment has also grown.
Concrete, for example, represents about
80% of all engineering materials
consumed globally. As a building material,
concrete has many advantages. However,
the material embodied carbon and the
operational carbon associated with
repeated infrastructure repairs constitute a
significant portion of man-made
greenhouse gas that threatens
our everyday life through climate change
impacts.





Internship – Polymer Engineering

Location Cupertino, CA USA | Remote based internship

Duration Up to 12 months, starting in January 2021

Responsibilities

- Perform applied materials research into new polymer materials for emerging product design needs
- Develop test plans in collaboration with senior material engineers and product design teams to drive material selection, design feasibility, and performance of new parts
- Work with external testing labs to characterize new materials
- Document and present results to polymer team, material suppliers, product design teams and reliability engineering

Qualifications

- Currently enrolled undergraduate or graduate student pursuing a BS, MS or PhD in Material Science, Polymer Science, Chemistry or Chemical Engineering
- Knowledge of materials and basic design principles
- Excellent laboratory and analytical skills, including design of experiments and data analysis
- Self driven with excellent written and oral communication skills

Apply

Send resume to Qian Zhang, q_zhang@apple.com, with subject "2021 Polymer Engineering Internship"

DEI News

DEI Student Allies Mailbox

Share your feedback on the DEI program and/or ask the DEI student allies questions: <https://forms.gle/98uKGHPbcAMzCF3B7>



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