Welcome back!

We hope you all had a wonderful holiday season and restful break and are ready to dive back into classes and campus activities! In this issue we hear from our new department chair, Liz Holm, and look ahead to MLK Symposium events.

The next issue of TeamMSE will be published January 16. If you have anything you'd like to share with the community, please send your information to krisfres@umich.edu by Sunday, January 15.

A note from new chair Liz Holm
MSE colleagues and friends,
Thank you all for the warm welcome to UM MSE. I am delighted to begin the New Year in this amazing department. I don’t have a crystal ball, but I can confidently make a few predictions: 2023 will be a year of learning and growth, of scientific discovery, of collaboration, recognition, and celebration. We will make an impact worldwide -- and close to home. We will welcome new community members, and send others off to great futures. We have so much to look forward to in 2023, and I look forward to sharing it with you.
All the best,
Liz

Upcoming Events

Two Ph.D. Dissertation Defenses next week

**Hongling Lu (Goldman Group):** "Nanoscale GaN Epitaxy and Polytype Selection in Liquid-metal Mediated Environments and Writing-to-Learn in Materials Science and Engineering"
**When:** Monday, January 9
**Time:** 2:00 p.m.
Xiaoyang Zhong (Lahann Group):
"Mechanistic Studies into Interfacial Interactions via Chemical Vapor Deposition Polymerization"

When: Wednesday, January 11
Time: 10:30 a.m.
Location: NCRC B300, Room 376

Best wishes to both Hongling and Xiaoyang!

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Next two MSE 890 seminar speakers

Rebecca Lindsey, U-M Chemical Engineering:
"Nanoscale GaN Epitaxy and Polytype Selection in Liquid-metal Mediated Environments and Writing-to-Learn in Materials Science and Engineering"

When: Friday, January 6
Time: 10:15 a.m.
Location: 1013 Dow
Zoom: umich.zoom.us/j/98899169074, passcode: mse890

Feng Lin, Virginia Tech:
"Nickel- and cobalt-free Li batteries: cathode design, manufacturing, and characterization"

When: Friday, January 13
Time: 10:15 a.m.
Location: 1013 Dow
Zoom: umich.zoom.us/j/98899169074, passcode:
MMS Luncheon this Friday, Jan. 6

Friday, January 6
12:30-1:30 p.m.
1013 Dow
Join us for a start-of-the-semester social! Board games and dominoes will be provided.

Looking ahead to MLK Symposium events

MLK Jr. Day (and a day off from classes) is coming up on **Monday, January 16**. The MLK Symposium is active from January 13-February 10, and is again offering many incredible people to learn from and opportunities to experience. This year challenge yourself to do more than just take a free day off and take advantage of these awesome and thoughtful events! [Click here for complete event list](#). Here are some highlights:

**Keynote Lecture (Jan. 16, 10:00-11:30 a.m. in Hill):** Featured speakers
include former U-M/NBA basketball star **Jalen Rose**, **Edward Buckles** (director of the award-winning documentary *Katrina Babies*), and **Dr. Aletha Maybank** (vice president of the American Medical Association). Each will give a brief lecture before sitting down together for a structured dialogue with moderator Earl Lewis, a noted social historian, award-winning author, and educational leader. Immediately following the panel, “Black Pilgrims,” a hip-hop and electronic mini-opera/oratorio depicting a sung and spoken fictional conversation between King and Malcolm X, will be performed.

**Carillon Recital (Jan. 16, 12:00-12:30 p.m., Ingalls Mall):** In addition to African spirituals and anthems, the program will include protest songs by Sam Cooke, Michael Jackson and Stevie Wonder.

**Jeh Johnson, 4th U.S. Secretary of Homeland Security (Jan. 25, 3:00-4:30 p.m., 1120 Weill Hall (Annenberg):** Johnson will kick off the event by reflecting on the life and legacy of Martin Luther King, Jr., and what that means to him as a fellow Morehouse Man. Following his remarks, he’ll sit down for a conversation with Ford School faculty experts to reflect on his work with the Department of Homeland Security and Department of Defense and discuss policy issues ranging from immigration to civil liberties.

**Under the Skin: The Hidden Toll of Racism on American Lives and on the Health of Our Nation (Jan. 17, 4:30-6:00 p.m., Weill Hall /Annenberg):** Join Linda Villarosa, contributing writer to *The New York Times Magazine*, for a discussion on racial health disparities in America and the toll racism takes on individuals and the health of our nation.

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**Research highlights**

**Hovden Group publishes article in Nature Communications**
Congratulations to the Hovden group, which recently had an article, "Torsional periodic lattice distortions and diffractions of twisted 2D materials," published in Nature Communications. Read more.