



It's a wrap!

2022 Graduation is in the books and we have the highlights for you in this issue - from a recording of our own Keon Beigzadeh singing the national anthem at the CoE graduation ceremony to a roll call of all our BSE, MSE and PhD graduates.

Our next issue of TeamMSE will be published the week of May 16. If you have information you'd like to share with the community, please email **Kristen Freshley** at krisfres@umich.edu by Sunday, May 15.



MSE Class of 2022 graduate **Keon Beigzadeh** (also a vocal performance major) sang the national anthem at Saturday's College of Engineering graduation ceremony in Crisler Arena. [Click here](#) to watch Keon's performance (starts at about the 21:00 mark), and [here](#) to view photos from the ceremony. Congratulations, Keon!



Van Vlack Lecture with Nobel laureate Stanley Whittingham Monday, May 23

After several Covid-thwarted attempts, the public lecture portion of the 2020 Van Vlack Lectureship will finally be held in person **Monday, May 23, 4:30-5:30 p.m. at Hill Auditorium.** 2019



Nobel laureate in Chemistry Stanley Whittingham will present "Overcoming Climate Change: The Critical Role of and Challenges of Energy Storage."
[Click here](#) for more information.

It's going to be an exciting event, so please spread the word!

Taub professorship installation June 7

Mark your calendars! The official professorship ceremony for Alan Taub, Robert H. Lurie Professor of Engineering, will be held **Tuesday, June 7 at 2:30 p.m. in 220 Chrysler** (Chesebrough Auditorium). The event will be officiated by College of Engineering Dean Alec Gallimore.



Millunchick accepts dean position at IU



MSE Professor Joanna Millunchick has been named the first woman to serve as Dean of the Indiana University Luddy School of Informatics, Computing, and Engineering. She will begin on July 1. We are in the process

of planning a send-off reception for Joanna in the coming weeks, so stay tuned for details! *Congratulations, Joanna!*

Kotov elected to American Academy of Arts & Sciences



Professor Nick Kotov was one of four U-M faculty named last month to the American Academy of Arts & Sciences. The Academy elected 261 new members in 2022, continuing a tradition of recognizing accomplishments and leadership in academia, the arts, industry, public policy, and research. Other members in the Class of 2022 include novelist Salman Rushdie and actor Glenn Close. [Read more](#). Congratulations on this huge honor, Nick!

Student News

MSE students win NSF Fellowships



CONGRATULATIONS to recent graduates **Dylan Edelman** and **Malini Mukherji**, incoming Ph.D. candidate **Kelotchi Figueroa Nieves**, and macro Ph.D. student (who is a member of the Li group) **Diana Kim**! All four recently received NSF Graduate Research Fellowships. [Read more.](#)



2022 graduation celebration wrap-up

Nearly 70 people attended the 2022 Graduation Awards Dinner held in the Ford Motor Company Robotics Building Thursday evening, April 28 to celebrate the MSE

Class of 2022 which consisted of 37 undergraduates, 17 master's graduates and 23 Ph.D. graduates. After the awards presentations, 2022 Distinguished Alumni Lecturer David Martin (below) offered words of wisdom to graduates. A buffet dinner was followed by the annual MSE group photo (below). Click [here](#) to see more photos. Click [here](#) to view the graduation program and [here](#) to view the undergraduates' thank you slides and photos. **CONGRATULATIONS to all our amazing graduates and best wishes for a bright future!**





Robin Albert



Keon Beigzadeh



Caleb Bloodworth



Logan Boals



Maggie Bowers



Madison Buford



Tao Cai

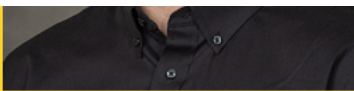


Christian Davis

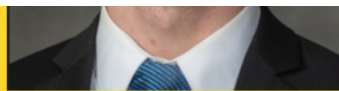


Lauren Duke

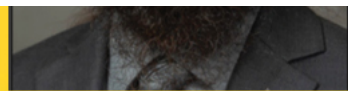




Dylan Edelman



Ryan Gast



Brodie Kieras



Min Kim



Nicholas Leginza



Ella Leininger



Rishi Merchant



Kate Moo



Malini Mukherji



Conner O'Kane



Erin Parlow



Wesley Pasikowski





Marisa Perez



Sahana Prabhu



Deborah Reisner



Colin Romine



Nicholas Ruble



Julian Sanchez



Prasanth Selvadurai



Joseph Shangraw



Praveen Soundararajan



Michael Stryk



Jeffrey Tschirhart



Albert Tsui





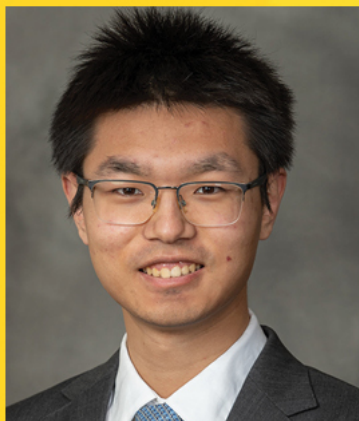
Kylie Vittetoe



Arianna Wu



Eric Yi



Hao Zhu



Master's graduates





Anirudh Appachar



Lucas Baioni



Cameron Cafmeyer



Aidan Charmley



Taorui Chen



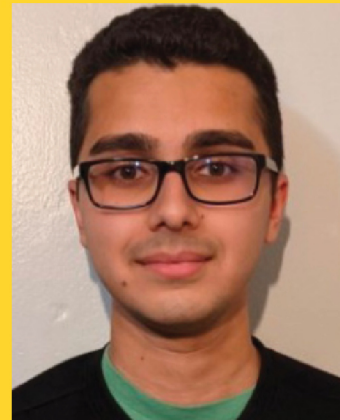
Elizabeth Eachus



Chao Fang



Lindsay Gubow



Usman Khan



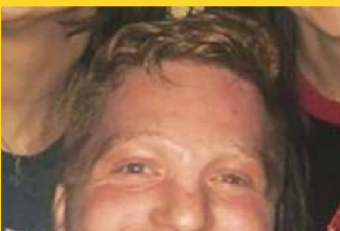
ChingYen Lee

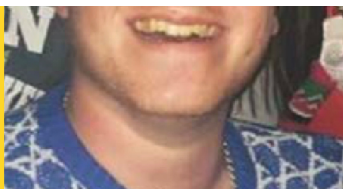


Chia-Heng Lin

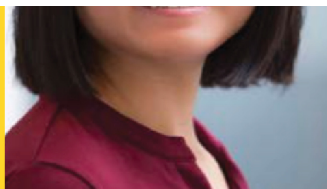


Leah Marks

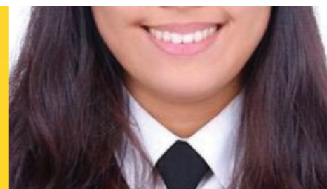




Connor Michaelson



Karen Ni



Tzu Yu Ou



Grant Saxman



Kang-Ting Tseng



Ph.D. graduates



Minjeong Cha

(Kotov)

Spring/Summer 2022



Sieun Chae

(Heron/Kioupakis)

“Reconfigurable Kirigami Optics and Chiral Phonons”



Che-Hsuan Cheng

(Deotare)

“Engineering Hybrid Interfaces of Organic-Inorganic 2D Semiconductors”



Zihao Deng

(Kioupakis)

“First-Principles Calculations on the Thermo- dynamic and Electronic Properties of Defective Semiconductors and Semiconductor Alloys”



Aaron Gladstein

(Taub)

“Microstructure Analysis and Evolution of Nanoscale In Situ Metal Matrix Composites”



Keara Greatwood

(Solomon)

Spring/Summer 2022



Alex Kate Halvey

(Tuteja)

“Design and Applications of Surfaces for Solid Fouling Mitigation”



Brian Iezzi

(Shtein)

“Additive and Fiber Manufacturing of Multi-material Dielectric Photonic Crystals”

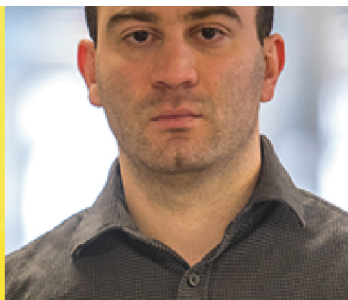


Jiwoong Kang

(Shahani)

“Kinetics and connectivity of grain boundaries in three-dimensional metallic systems”

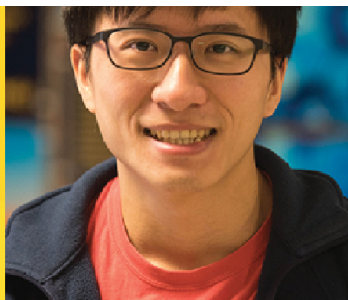




Vazrik Keshishian

(Kieffer)

Spring/Summer 2022



Ming-Hsun Lee

(Peterson)

“Investigation of Ohmic
Contact Interfaces and
Crystalline Defects for
Wide-Bandgap Beta-Phase
Gallium Oxide and its Alloys”



Burt Lien

(Misra)

“Microstructural and
Mechanical Studies of
Interface-Dominant Materials
Consisting of Nanoscale Hard/
Soft Phases”



Hongling Lu

(Goldman)

Spring/Summer 2022



Brian Macdonald

(Tuteja)

Spring/Summer 2022



James Proctor

(Glotzer)

Spring/Summer 2022



Anshul Singhal

(Taub)

Spring/Summer 2022



Ethan Sprague

(Misra)

“Characterization of Direct
Metal Deposition Printed
Copper-Iron Alloys”



Kelsey Steinke

(Sodono)

“Nanomaterial-based Surface
Modifications for Improved
Ballistic and Structural



Aditya Sundar

(Qi)

Spring/Summer 2022



Mohsen Taheri Andani

(Misra)

“Investigating Microstructural Effects on Hall-Petch Relationship in Mg-4Al Alloy”



Joey Valle

(Sodono)

“Abolitionist Engineering: An autoethnographic approach to understanding how abolition can transform materials science and engineering.”



Nguyen Vu

(Heron)

“Strain engineering of perpendicular magnetic insulators for magnetoelectronics”



Zhenjie Yao

(Allison)

“A Quantitative Investigation of Microsegregation and Phase Transformation Kinetics in Lightweight Alloys”



James P. Lettieri Award:
Rishahb Kothari & Denise Schaultman



Brian Worth Prize: Marisa Perez



**Alpha Sigma Mu Distinguished Member
Award: Malini Mukherji**



Anvil Award: Ella Leininger



MMS Distinguished Member: Katie Wei



Graduate Student Council (GSC)



Associate Professor Manos Kioupakis (PhD Program Chair), Loulou Batta, Kyle Bushick, Paul Chao, Vishwas Goel, Duncan Greeley, Julia Lenef, Alex Kate Halvey, Forrest Wissuchek, Georgie Lindemann, and Brian Iezzi.



GSC Master's reps: Akhil Shettigar, Professor Ferdinand Poudeu (Master's Program Chair), Tathya Shinde.

Graduate Recruiting



Organizers of 2022 Graduate Recruiting Visit: Loulou Batta and Forrest Wissuchek, with Associate Professor Manos Kioupakis.

First to Publish



First to Publish in 2020 cohort: Catherine Haslam (Sakamoto), who published "The effect of aspect ratio on the mechanical behavior of Li metal in solid-state cells," in the Journal of Power Sources on 12/2/21.



First to publish in 2019 cohort: John Kim (Lahann), who published "Sharing the Strain Between Nanofiber Forests and Liquid Crystals Leads to Programmable Responses to Electric Fields," in *Advanced Functional Materials* on 4/10/22.



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