

Message from the DH Kari Babski-Reeves

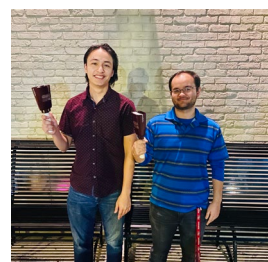
ISE in Fall 2022

As we near the end of the Fall 22 semester, I want to thank the students, faculty and staff for a terrific semester. ISE experienced another year of growth in enrollment. While we are waiting for official Fall 2022 enrollment numbers, it appears that we will grow by 4% for the second year in a row. Fall 2021 enrollment counts were 250 UG, 34 MS, and 75 PhD students. We had 73 students participating via distance and they were supported by 12 faculty members and 3 staff. The faculty generated 67 unique journal publications, 17 unique conference proceedings, 5 patent applications, and reached 19th in nation in research expenditures. In that same time, we had 54 BS degrees, 13 MS degrees, and 9 PhD degrees awarded. I am proud to serve as the Head of the small and mighty ISE department. **Hail State!**

ISE PULSE

ISE Graduation Celebration

Our graduates are always one of the biggest points of pride for the department. This year, we held our first ever fall ISE Graduation Celebration at Tables at 4300 and the Half Shell Oyster House. We had fun and fellowship and were able to say thank you to our graduates for making their mark on our department. We sincerely hope that each of these graduates will continue to remain an active part of the ISE family. A big Thank You to Ms Carol Ray and Dr Jenna Johnson for helping to organize this new event.



Dr Reuben Burch and Others Recognized for Research Excellence

At the Fall 2022 ORED Research Awards Banquet, the ISE department was well represented. Dr Reuben Burch, Associate Professor in ISE and Associate Director of Human Factors and Athlete Engineering at CAVS, was awarded the Innovation and Entrepreneurship Award. His research and innovation in wearable sensors for human performance assessment has led to new research avenues, most notably in the area of Athlete Engineering.

Other ISE recognitions included:

- Dr Wenmeng (Meg) Tian, ISE—Emerging Research Scholar Award Finalist
- Christian Zamiela, Graduate Student Research Ambassador
- Timothy Wunrow 2022 UG Research Symposium Winner
- Abdur Rahman & Mahathir Mohammad Bappy, Graduate Symposium Winner
- Shaylin Williams, 3MT People's Choice Winner
- Dr Reuben Burch and Dr Kari Babski-Reeves, IRB
- Dr Lesley Strawderman, ORED Seminar Series Presenter



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Faculty & Staff News

Dr Linkan Bian serving as NSF
Program Director for the Advanced
Manufacturing Program

Dr Jenna Johnson completed her
PhD in December 2021

Mrs. Holly Potts serving as instructor
of Engineering Graphics

Ms Carol Ray named ISE
Administrative Assistant

Ms Josie Guerry named as ISE UG
Program Coordinator

It is with sadness that I announce
that Ms Alisha Bennett, Business
Coordinator for ISE, will be leaving us
in January. She has been an integral
part of our program and we wish her
only the very best!

Ti5 and ELE Programs

Students that have completed 60 hours and have a 3.5 GPA or higher are strongly encouraged to participate in the Thrive in 5 Programs. Please contact Dr B for more information.

ISE and the College of Business have formalized the Engineering Leadership Excellence (ELE) Program where students earn the BS in IE and BBA. Contact Dr Brian Smith for more information.

New Student Advising Structure Coming!

We are pleased to welcome Mrs Holly Potts, long time lecturer for EG 1143, as an instructor and the Undergraduate Academic Advisor for ISE. Mrs Potts will serve as the advisor all undergraduate students on course selections each pre-advising period beginning Fall 2022. All students will also be assigned an ISE Faculty Mentor who will provide career, professional development, and other advice in the weeks leading to pre-advising. More information to come soon.

Student Kudos

- Christian Zamiela named to inaugural SEC Emerging Scholars Program. He also received the INFORMS 2022 Judith Liebman Award for service.
- Ethan Kang participated in the first SEC Manufacturing Challenge, held in Knoxville, TN. Ethan and a team of 2 other students, under the direction of Dr Meg Tian and Ms. Lara Threet represented MSU well competing against TAMU, AU, and UT.
- ISE INFORMS Student Chapter receives 2022 student chapter awards as Maga Cum Laude chapter
- Abdur Rahman & Yibin Wang, 2022 IISE QCRC/Process Miner Data Challenge Competition Finalist

Alumni Kudos

- Chris Ladner, 2017 BS grad, receives a top honor from NASA—NASA Space Flight Awareness Honoree Award
- Kennedy Brown, 2017 BS and current MS student, featured by Disney for her work.
- Thomas Mogish, 2018 BS grad, recognized by FedEx.

ISE Reps

I want to take a moment to say a very special thank you to my outgoing ISE Rep, President Sarah Boxx. You have been invaluable to the department, and I hate to see you go. However, I am very excited to work with our returning ISE Reps: Matthew Meadows, Josh Eakes, Paola Rangel, Lee Bowman, Christopher Ogburn, Ty Adema, Marion Groberg, Demia Bland, Emily Shand, and Tori Thrash. I can't wait to see what new ideas you have to move our department forward.

*if you have ideas and suggestions for content, please send them to
Dr Babski-Reeves (Dr B) at kari@ise.msstate.edu.*
