



ISyE K-12

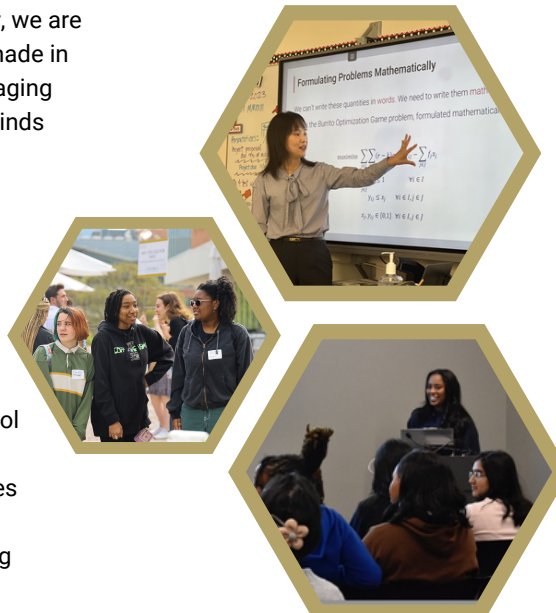
WELCOME ALL!

Welcome to another year of remarkable achievements and growth. As we mark the passing of another year, we are delighted to share the incredible strides we've made in advancing our department's mission. From engaging with local high schools to empowering young minds at the Women in Engineering Conference, our initiatives continue to be both impactful and inspiring.

WHAT'S NEXT?

As we bid farewell to an eventful year of accomplishments, in the H. Milton Stewart School of Industrial and Systems Engineering (ISyE) eagerly looking forward to the promising ventures that lie ahead. Our commitment to education, outreach, and fostering a passion for engineering continues to drive us towards new horizons.

We are thrilled to announce a series of high school visits and campus field trips in the coming months. The first on our agenda is the Banneker High School visit scheduled for January 9th. These engagements provide us with the opportunity to connect with students, share insights about the exciting possibilities in industrial engineering, and inspire the next generation of engineers.



WOMEN IN ENGINEERING CONFERENCE

For the Women in Engineering Conference, Tsion Fitsum, Frances Buser, and Sudie Pennebaker led with great engagement and insight. The conference, hosted by Women in Engineering (WIE), featured an interactive Engineering Career Conference (ECC) for high school juniors.

ISyE lead our session with an informative presentation, a Q&A panel, and interactive activities.

Here are some testimonials from the Women in Engineering Conference:

"The difference I notice at Tech 30 years after I started is a MUCH more supportive and inclusive environment for female engineers - thank YOU for helping to foster and grow that environment."

- Elizabeth Smith

COLLEGE AND HIGH SCHOOL ENGAGEMENTS

Our team actively engaged in college fairs at various high schools, including Cedar Grove, Columbia, Southwest Dekalb, Jonesboro, Mount Zion, and more. These events were vital for connecting with potential students, providing department insights, and building a sense of community.

At Midtown and Lithia Springs High School, we conducted interactive presentations and activities, educating students about industrial engineering through games and hands-on experiences.



2 High school visits

5 College prep events

10+ Faculty members engaged

330+ Engagement outreach to students





ISyE K-12

FALL SEMESTER VISIT TO MIDTOWN

In our ongoing commitment to education and outreach, we are actively working to bring awareness to our department. Our current focus is on strengthening ties with local high schools, particularly those in lower socioeconomic communities.

We aim to bridge gaps by educating students about the offered scholarships, internships, and summer camps. Through these efforts, we hope to make a meaningful impact on the lives of aspiring engineers.



This semester, we would like to extend our appreciation to Dr. Tuba Ketenci for her outstanding leadership and dedication in guiding her team of assistants –TSION Fitsum, Nia Cosby, and Erinn Smith.

These individuals have been instrumental in driving our initiatives, and we're proud to note that they received specialized training from Kevin Dodson in the Admissions Department to ensure they are equipped with the right knowledge to prepare future students.

Additionally, a big thank you to He Wang, Early Career Professor and Associate Professor at Georgia Tech, and Yao Xia, Coca-Cola Foundation Chair and Associate Professor at Georgia Tech, for their valuable assistance at the Midtown High School visit. Moreover, a special thank you to Stacey Tanner, the STEAM Signature Program Specialist, for the wonderful tweet after our Midtown High School Visit:

"Thank You @GaTechEnergy @GeorgiaTechISyE for a cool visit with the @apsupdate @APSMidtown AP Statistics Ss - Great info about evolving careers in Industrial & Systems Engineering. @apssupt @ctae_in_aps @DocSTEM @thebetsybockman @carrie_macbrien @AsstPrin_MDavis #fullSTEAMahead

PROBABILITY AND STATISTICS HIGH SCHOOL COMPETITION & THE SETH BONDER DATA SCIENCE CAMP

Mark your calendars for the Probability and Statistics High School Competition! The first round is set for January 26th, followed by the second round on April 19th. This competition is designed to encourage students with basic to intermediate knowledge in statistics to showcase their skills and learn how to apply them to real-world problems. It's an exciting opportunity for participants to demonstrate their skills and deepen their understanding of statistical concepts. Looking ahead, we are gearing up for the Seth Bonder Data Science Camp, among various other camps that promise immersive experiences for aspiring engineers.

For more details about events and registration information, please visit <https://k12.gatech.edu/>. Should you have any questions or require assistance, our department is here to help guide you through the registration process. Join us on this journey of growth, collaboration, and the continuous pursuit of excellence as we inspire the next generation of industrial engineers.

