Teaching & Learning Programs

Teaching a Great Lab Class
For GSIs, IAs, & Postdocs
10:00 am - 11:30 am
Duderstadt 1180

Making Teamwork Work
For GSIs, IAs, & Postdocs
2:00 pm - 3:30 pm
Lurie Engineering Center Johnson Rooms

Engaging Students in Learning
For GSIs, IAs, and Postdocs
10:00 am - 11:30 am
Lurie Engineering Center Johnson Rooms

Understanding How Stereotype Threat & Growth Mindset Affect Student Learning
For All Interested Individuals
10:00 am - 11:30 am
Lurie Engineering Center Johnson Rooms

Active Learning Practice
For GSIs, IAs, & Postdocs
3:30 pm - 5:30 pm & 6:00 pm - 8:00 pm
Gorguze Family Laboratory 211

Winter 2018
Teaching a Great Lab Class
Monday, January 8
10:00 am - 11:30 am
Duderstadt 1180
Maintaining a well-organized experimental or computational lab section saves an instructor's time and helps students learn. Presenters at this workshop will share strategies they wish they had known prior to teaching, and will focus on ways to better prepare for leading a lab section and more efficiently managing student questions. Participants will take away instructional strategies that can be implemented immediately.

Making Teamwork Work
Thursday, January 25
2:00 pm - 3:30 pm
Lurie Engineering Center Johnson Rooms
Effective use of groups in the classroom can increase student learning and enhance students’ problem solving abilities, if instructors ensure that all students are engaged and included. In this session, participants will explore research-based frameworks to enhance teamwork skills, engage students, increase cooperative learning, and mitigate dysfunctional team dynamics.

Active Learning Practice
Wednesday & Thursday, February 7 & 8
3:30 pm - 5:30 pm & 6:00 pm - 8:00 pm
Gorguze Family Laboratory 211
Practice active learning techniques by presenting a lesson to a small peer group. In advance of the session, review short online videos about active learning and develop your lesson plan. Then, during the session, you will deliver a 10-minute lesson using active learning before reflecting on your experience and exchanging feedback with your peers.

Engaging Students in Learning
Friday, February 23
10:00 am - 11:30 am
Lurie Engineering Center Johnson Rooms
Creating a productive learning environment where students are engaged in critical thinking and problem solving can be challenging. In this session, participants will explore research-based teaching practices that can enhance student learning and engagement in various contexts, including labs, recitations, and office hours.

Understanding How Stereotype Threat & Growth Mindset Affect Student Learning
Tuesday, March 6
10:00 am - 11:30 am
Lurie Engineering Center Johnson Rooms
Research shows that when students worry about fulfilling a negative stereotype related to certain social identities, it can hurt their learning (a phenomenon known as stereotype threat). Research also shows that an instructor’s beliefs about their own and their students’ intelligence and ability impact the classroom environment. In this interactive session, participants will reflect on instructor and student social identities and learn about strategies for mitigating stereotype threat and encouraging a growth mindset for students in their classes.

...promoting excellence and innovation in engineering education