Teaching & Learning Programs

Fall

21 September 2018
Making Teamwork Work
For GSIs, IAs, & Postdocs
10:30 am - 12:00 pm
Duderstadt 1180

28 September 2018
It’s Time for Action: Generating an Active Learning Plan
For GSIs, IAs, & Postdocs
2:00 pm - 3:30 pm
Pierpont East Room

1-4 October 2018
Active Learning Practice
For GSIs, IAs, & Postdocs
Choice of 8 Sessions
Gorguze Family Laboratory 211

5 October 2018
Creating Effective Research Posters: Presentation by Jean-luc Doumont
For All Interested Individuals
3:00 pm - 5:00 pm
Lurie Engineering Center Johnson Rooms

18 October 2018
Begin with a Problem: Using Inductive Learning to Motivate Students
For All Interested Individuals
10:30 am - 12:00 pm
Lurie Engineering Center Johnson Rooms

29 October 2018
Are They “Getting It”? Low-stakes Ways to Assess Student Learning
For GSIs, IAs, & Postdocs
10:30 am - 12:00 pm
Lurie Engineering Center Johnson Rooms

30 October 2018
How Stereotype Threat, Impostor Syndrome, & Growth Mindset Affect Student Learning
For GSIs, IAs, & Postdocs
2:00 pm - 3:30 pm
Lurie Engineering Center Johnson Rooms
Making Teamwork Work  
**Friday, September 21**  
10:30 am - 12:00 pm  
*Duderstadt 1180*

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 support dysfunctional teams.

It’s Time for Action:  
**Friday, September 28**  
*Generating an Active Learning Plan*  
2:00 pm - 3:30 pm  
*Pierpont East Room*

Creating a plan to engage students in active learning can be challenging. In this workshop, participants will learn about a variety of active learning techniques, and then begin to formulate a plan for implementing active learning in their own course.

Active Learning Practice  
October 1, 2, 3 & 4  
*GFL 211*

This session offers an opportunity to practice active learning techniques by presenting a lesson to a small peer group. In advance, participants review short online videos about active learning. Then, participants plan and deliver a 10 minute lesson containing an active learning technique. Finally, participants reflect on their experience and exchange supportive feedback.

Creating Effective Research Posters:  
**Friday, October 5**  
*Presentation by Jean-luc Doumont*  
3:00 pm - 5:00 pm  
*LEC Johnson Rooms*

In this lecture, Dr. Doumont will discuss how to create more visual posters that get attention, facilitate navigation, and convey messages through “strict selection, careful phrasing, and effective layout.”

Begin with a Problem:  
**Thursday, October 18**  
*Using Inductive Learning to Motivate Students*  
10:30 am - 12:00 pm  
*LEC Johnson Rooms*

The traditional approach to teaching addresses the fundamental concepts first and leaves authentic problems for students to solve until later. Inductive learning turns that sequence around by starting with the problem to motivate students. In this session, participants will consider examples of inductive learning strategies, from 5 minute activities within a lesson to full course redesign.

Are They “Getting It”?  
**Monday, October 29**  
*Low-stakes Ways to Assess Student Learning*  
10:30 am - 12:00 pm  
*LEC Johnson Rooms*

Classroom assessment techniques (CATs) are quick and useful ways to gather information on what, how much, and how well students learn. Instructors can use the data to create more effective learning environments. In this session, participants will experience several types of CATs and strategize ways to use CATs in their own class.

How Stereotype Threat, Impostor Syndrome, & Growth Mindset Affect Student Learning  
**Tuesday, October 30**  
2:00 pm - 3:30 pm  
*LEC Johnson Rooms*

Research shows that: (1) when students worry about fulfilling a negative stereotype related to certain social identities, it can hurt their learning; and (2) an instructor’s beliefs about their own and their students’ intelligence can impact the classroom environment. In this interactive session, participants will learn about strategies for mitigating stereotype threat, impostor syndrome, and encouraging a growth mindset for students in their classes.