



AE3 STAFF

Jay Mann

Chris Migotsky

Kristie Harris and Yonghee Lee

Web: <http://ae3.engineering.illinois.edu/>

PHILOSOPHY

The Collins Scholar Program for new engineering faculty and instructors exists to help you get your career off to an efficient and productive start. The program provides a culture of support for teaching, research, and service in a relaxing and collegial environment.

GOALS

1. Plan, implement, and manage effective in-class and out-of-class instruction
2. Develop and use instructional materials
3. Apply research-based techniques of effective instruction
4. Plan and implement assessments of learning and instruction
5. Become an active member of the engr community of practice to support teaching and research
6. Make effective use of departmental, college, and campus instructional resources

PROGRAM ACTIVITIES

- Participate in weekly lunch seminars
- Classroom observation (of you)
- Observe an excellent engineering teacher
- Collect early feedback and ICES
- Read Canvas posts and handouts

COLLINS GRADUATION REQUIREMENTS

- Regularly attend Friday seminars
- Observe an excellent teacher
- Be observed in your class
- Collect and review early feedback

Two good books about college teaching centered on the engineering classroom.

Teaching and Learning STEM: A Practical Guide (2016)

Richard Felder and Rebecca Brent

Teaching Engineering, 2nd ed. (2015)

Philip Wankat & Frank Oreovicz

Weekly Lunch Seminars: Fridays, Noon-1:00pm

Fall 2023 (Lunch provided, 2320 DCL)	
Aug 17	Collins Scholar Kick-Off Event (Noon-3pm, 2101 Everitt Lab)
Aug 25	Classroom Management (2320 DCL for regular lunch seminars)
Sept 1	Bloom's Taxonomy & Learning Objectives
Sept 8	Assessments & Backward Design
Sept 15	Learning Plans
Sept 22	*ChatGPT and Teaching (Abdu Alawini)
Sept 29	*Grading Rubrics (Lucas Anderson)
Oct 6	*Academic Integrity + FAIR (Emad Jassim)
Oct 13	Active Learning
Oct 20	Questioning Strategies
Oct 27	7 Principles for Good Practice in Undergraduate Education
Nov 3	*Growth Mindset (Rebecca Reck)
Nov 10	Interleaving Instruction: Practice & Feedback
Nov 17	*Student Teams (Katie Ansell, Chris Schmitz)
Nov 24	Thanksgiving break! (no classes)
Dec 1	*Emotions and Learning (Shelly Schmidt)
Dec 8	No class--Collect Collins Feedback (online)
Spring 2024 (tentative)	
Spring Lunch Sessions:	
<ul style="list-style-type: none"> Jan 12: Collins Scholar Kick-Off Event (Noon-3pm) Jan 26: Student panel Feb 9: Faculty assessment panel Feb 23: Inclusive Teaching (SIIP team) March 8 (?): Campus annual faculty retreat (9am-2pm) March 22: Jeopardy review game April 5: Teaching philosophy statements April 12: Collins Scholar Graduation + SIIP posters (1-3pm) May 3: Tenure and Promotion panel 	
Spring Activities:	
<ul style="list-style-type: none"> Observe an excellent engineering instructor Be observed teaching Collect informal early feedback (IEF) 	

WHAT DO PAST COLLINS SCHOLARS SAY ABOUT THE PROGRAM?

"It was really great and very informative. It's very surprising how many instructors don't apply many of the ideas we learned about. I'm looking forward to positive changes in my future classrooms."

"I really learned a lot. As a result, my teaching is much better and richer."

"The program has made me a better instructor. I'm more confident, more efficient, and connect with my students better as a direct result of practices and lessons learned in the Collins Scholar program."

QUICK RESOURCES

Center for Innovation in Teaching & Learning (CITL)

<http://citl.illinois.edu/>

Engineering IT

<https://it.engineering.illinois.edu/>

CONSIDER JOINING ASEE

<http://www.asee.org/>

**Have you reflected today?
What's next in your teaching, research, and service?**