



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 2024 (Lunch provided, 2320 DCL)	
Aug 22	Collins Scholar Kick-Off Event (Noon-3pm, 2101 Everitt Lab)
Aug 30	Classroom Management (2320 DCL for regular lunch seminars)
Sept 6	Backward Design for Instruction
Sept 13	Learning Objectives/Results
Sept 20	Collecting Evidence/Assessments
Sept 27	Learning Plans
Oct 4	Questioning Strategies
Oct 11	Active Learning
Oct 18	Academic Integrity + FAIR (Emad Jassim)
Oct 25	Grading Rubrics (Lucas Anderson)
Nov 1	Student Teams (Katie Ansell, Chris Schmitz)
Nov 8	Interleaving Instruction: Practice & Feedback
Nov 15	Emotions and Learning (Shelly Schmidt)
Nov 22	7 Principles for Good Practice in Undergraduate Education
Nov 29	Thanksgiving break = no classes!
Dec 6	Growth Mindset (Rebecca Reck)
Dec 13	No class--Collect Collins Feedback (online)
Spring 2025 (tentative)	
Jan 17	Collins Scholar Kick-Off Event
Jan 24	Managing TAs
Jan 31	*Entrepreneurial Mindset (EM)
Feb 7	Student Panel
Feb 14	*EM and Curiosity I
Feb 21	Inclusive Teaching
Feb 28	*EM and Curiosity II
Mar 7	Faculty Self-Care
Mar 14	*EM and Connections I
Mar 21	Spring break = no classes
Mar 28	*EM and Connections II
Apr 4	Jeopardy Review game
Apr 11	*EM and Creating Value I
Apr 18	Teaching Philosophy Statements
Apr 25	AE3 Celebration of Teaching (Collins graduation and teaching posters)
May 2	Promotion and tenure panel
May 9	*EM and Creating Value II

*Entrepreneurial Mindset (EM) sessions are optional for Collins Scholar program

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?**