



AE3 STAFF

Laura Hahn

Chris Migotsky

Kristie Harris

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

PHILOSOPHY

The Collins Scholars 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 evaluations 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 teacher
- Collect early feedback and ICES
- Read Piazza posts and announcements

COLLINS GRADUATION REQUIREMENTS

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

Two good books about college teaching centered on the engineering classroom. AE3 has these to borrow if you want.

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 2018 (2320 DCL)	
Aug 24	Collins Scholar Kick-Off Event in 2405 Siebel Center
Aug 31	Bloom's Taxonomy/Objectives
Sept 7	Active Learning
Sept 14	Questioning Strategies
Sept 21	Assessing Students (faculty panel)
Sept 28	Informal Early Feedback (IEF) + Engr IT (research and teaching)
Oct 5	Student Motivation
Oct 12	Classroom Management
Oct 19	Academic Integrity + FAIR
Oct 26	IPENG + "Bring Your Questions" open discussion
Nov 2	Research Resources
Nov 9	Teaching with Tablets
Nov 16	7 Principles for Good Practice in Education
Nov 23	<i>Thanksgiving break!</i>
Nov 30	Counseling Center/Troubled Students
Dec 7	Creating a Course Syllabus
Dec 14	No class--Collect Collins Feedback (online)
Spring 2019 (1265 DCL, tentative topics)	
Jan 18	Emotions and Learning
Jan 25	Science of Learning
Feb 1	Evaluation of Teaching
Feb 8	IEF reminder + Discussion Time ("How's it going?")
Feb 15	
Feb 22	Grading Rubrics
Mar 1	Equity-Minded Approaches in Action
Mar 8	Movies & Teaching
Mar 15	Review Session Jeopardy game
Mar 22	<i>Spring Break!</i>
Mar 29	Student Engineering Ambassadors (panel)
Apr 5	Mentoring Graduate Students
Apr 12	Teaching Philosophy Statement
Apr 19	Collins Scholar Graduation + SIIP posters [1000 MNTL, 1-3pm]
April 26	P&T panel
May 3	Feedback and ideas for next year

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?**