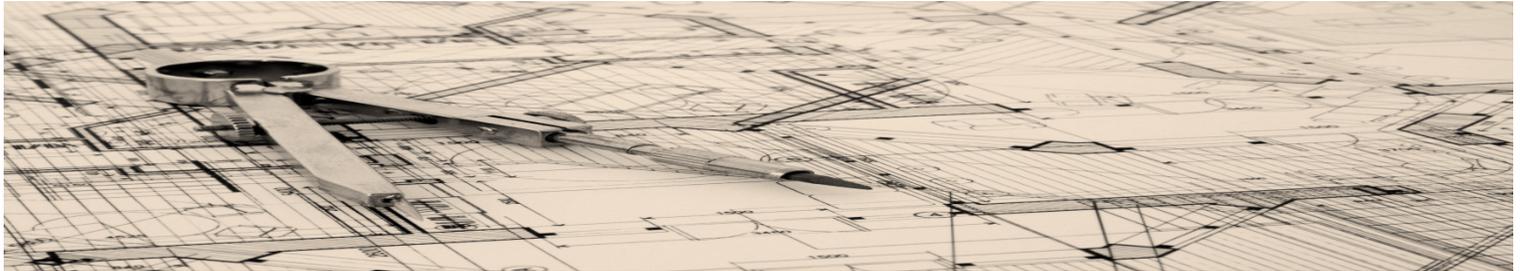


AE3 Collins Scholar Program

2014-2015

Friday Lunch Sessions, 303 Transportation Bldg



AE3 STAFF

Laura Hahn

Chris Migotsky

Bruce Elliott-Litchfield

Leslie Crowley

Victoria Woods

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.

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

Email: enr-ae3@illinois.edu

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. Mentor students and be mentored by senior faculty colleagues
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

BOOK RESOURCES (AE3 BUYS ONE FOR YOU!)

[Tools for Teaching](#)

[What the Best College Teachers Do](#)

[How Learning Works](#)

[Classroom Assessment Techniques](#)

[Student Engagement Techniques](#)

[On Course: A Week-by-Week Guide](#)

[Teaching at Its Best: A Research-Based Resource for College Instructors](#)

Weekly Lunch Seminars: Fridays, Noon-1:00pm, 303TB

Fall 2014 (changes still possible)	
Aug 22	Collins Scholar Kick-Off Event
Aug 29	Bloom's Taxonomy/Objectives
Sept 5	Motivation*
Sept 12	Active Learning
Sept 19	Flipped Classroom*
Sept 26	Early Feedback (IEF/CATs)
Oct 3	Classroom Qing & Discussions
Oct 10	7 Principles of UG Education
Oct 17	Classroom Management*
Oct 24	Research Resources*
Oct 31	Project-Based Learning*
Nov 7	Midterm review & discussion!
Nov 14	Academic Integrity and FAIR*
Nov 21	Diversity and the Classroom
Nov 28	<i>Thanksgiving break</i>
Dec 5	Course Syllabus
Dec 12	Collins Feedback + discussion
Spring 2015 Tentative Schedule	
Jan 23	Movies & Teaching
Jan 30	Science of Learning*
Feb 6	ABET & Assessments*
Feb 13	Creativity: Having Ideas
Feb 20	Testing & Grading*
Feb 27	Evaluation of Teaching
Mar 6	Using Computations in Teaching*
Mar 13	NETI Panel (EOH)
Mar 20	Review Session Jeopardy Game!
Mar 27	<i>Spring Break</i>
Apr 3	Advising Students*
Apr 10	Teaching Philosophy Statement
Apr 17	Leadership*
Apr 24	Collins Scholar Graduation!
May 1	Wrap-up/P&T panel

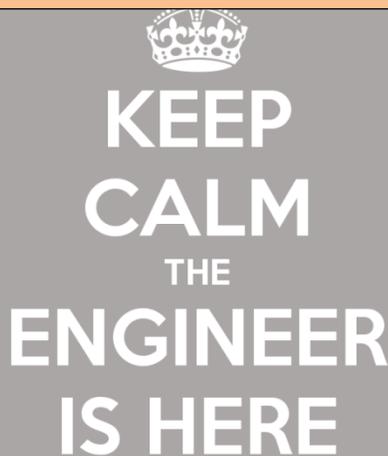
*= guest presenter

IMPACT IS IMPERATIVE.
Education at Illinois—research, teaching and service—is all about impact.

LEARNING IS AN ACTIVE PROCESS WHERE STUDENTS CONSTRUCT KNOWLEDGE.
Instruction must facilitate this construction of knowledge by the learner.

LEARNING AND TEACHING CAN BE SCIENTIFIC ENDEAVORS.
Consider your classroom a research lab.

PEOPLE HERE CARE ABOUT YOUR SUCCESS.
Stay connected.



WHAT DO PAST COLLINS SCHOLARS SAY ABOUT THE PROGRAM?

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

"AE3 has given me angles to reflect on my teaching and evaluate it objectively so that I can actually improve and gauge student learning quickly and accurately."

"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://cte.illinois.edu/>

CITES Academic Technology Services

<http://www.cites.illinois.edu/onlinelearning/index.html>

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?**