AE3 Collins Scholar Program
2015-2016
Friday Lunch Sessions, 2405 Siebel (fall), 106B6 Engr Hall (spring)

AE3 STAFF
Laura Hahn  Geoffrey Herman
Chris Migotsky  Victoria Woods
Web: http://ae3.engineering.illinois.edu/
Email: engr-ae3@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. 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

Fall 2015 (2405 Siebel)
- Aug 21  Collins Scholar Kick-Off Event
- Aug 28  Bloom’s Taxonomy/Objectives
- Sept 4  Lesson Planning
- Sept 11  Active Learning
- Sept 18  Assessing Students* (Rm 4403)
- Sept 25  Early Feedback (Rm 4403)
- Oct 2  Motivation (Rm 4403)
- Oct 9  Qing & Discussions (Rm 4403)
- Oct 16  Research Resources* (Jen/Don)
- Oct 23  7 Principles (Rm 4403)
- Oct 30  Academic Integrity + FAIR*
- Nov 6  Classroom Management
- Nov 13  Flipped Classroom*
- Nov 20  Debrief observations
- Nov 27  Thanksgiving break!
- Dec 4  Creating a Course Syllabus
  Collect Collins Feedback

Spring 2016 (106B6 Engr Hall)
- Jan 22  What is an engineer?*
- Jan 29  Science of Learning*
- Feb 5  Creativity: Having Ideas
- Feb 12  ABET & Assessments*
- Feb 19  Evaluation of Teaching
- Feb 26  IEF plus SIIP and EIFs
- Mar 4  Diversity and the Classroom*
- Mar 11  Student Panel
- Mar 18  Review Session Jeopardy Game!
- Mar 25  Spring Break!
- Apr 1  Movies & Teaching
- Apr 8  Teaching Philosophy Statement
- Apr 15  Mentoring Graduate Students*
- Apr 22  Collins Scholar Graduation!
- April 29  P&T panel
  *= guest presenter

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<th>IMPACT IS IMPERATIVE.</th>
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<td>Education at Illinois—research, teaching and service—is all about impact.</td>
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<th>LEARNING IS AN ACTIVE PROCESS WHERE STUDENTS CONSTRUCT KNOWLEDGE.</th>
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<td>Instruction must facilitate this construction of knowledge by the learner.</td>
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<th>LEARNING AND TEACHING CAN BE SCIENTIFIC ENDEAVORS.</th>
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<td>Consider your classroom a research lab.</td>
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<th>PEOPLE HERE CARE ABOUT YOUR SUCCESS.</th>
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<td>Stay connected.</td>
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Quick Resources
Center for Innovation in Teaching & Learning (CITL)
http://citl.illinois.edu/
Engineering IT
https://it.engineering.illinois.edu/

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.”

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

Consider joining ASEE
http://www.asee.org/