

Mavis Future Faculty Fellow (MF3) Program

College of Engineering

Program Meeting Time

The Mavis Academy will meet **every Friday** from **Noon to 1 pm** during the fall and spring term. All Mavis Fellows must register for ENG 591 MF3, which is a 1 credit hour course, for both semesters.

Program Goal

Mavis Future Faculty Fellows (MF3) is a one-year program for senior PhD students (must have passed the qualifying exam) to facilitate the training of the next generation of engineering faculty in research, teaching, and mentoring.

Learning Objectives

As a result of participation in this program, a Mavis Faculty Fellow will

1. understand the different responsibilities of a faculty member – teaching, research, and service.
2. understand how to be an effective mentor.
3. understand how to become an effective teacher.
4. understand how to become an effective researcher.
5. become knowledgeable on activities that strengthen an application for an engineering faculty position.
6. provide guidance on how to search for and interview for academic positions.
7. connect with Mavis Alumni and faculty within the College of Engineering.

MF3 Program Website

<http://publish.illinois.edu/engr-mavis/>

Program Assignments

1st Year Fellows

- Prepare a research and teaching statements that would be used in a faculty application. This is to be complete with consultation from your faculty mentor.
- Develop a CV.
- Mentor a less-experienced graduate or undergraduate student for at least one semester. Provide a two-page summary of the mentoring experience and your mentoring experience with your faculty mentor highlighting expectations set, projects completed, guidance given, etc.
- Give a formal research presentation, e.g. a conference paper or an invited seminar, open to the university community prepare you for your research presentation that will be given in a faculty interview.
- Complete a capstone project, as outlined at <http://publish.illinois.edu/engr-mavis/capstone/>.
- Complete a one-semester TA appointment either in the fall or spring term. Previous TA appointments **will not** be counted.

Attendance and Grading Policy

ENG 591 MF3 is pass/fail only. Class attendance is required. More than one excused absence per semester will result in an unsatisfactory grade. To earn a satisfactory grade, fellows must complete all assignments by the stipulated deadlines.

Course Schedule

Date	Topic	Presenter
September 1, 2017	Program Overview and Orientation	Harry Dankowicz / Rhonda McElroy
September 8, 2017	Mentoring Workshop	Daniel Wong
September 15, 2017	Mentoring Workshop II	Daniel Wong
September 22, 2017	Mentoring Workshop III	Daniel Wong

September 29, 2017	Writing a Teaching and Research Statement	Indy Gupta
October 6, 2017	Setting Student Expectations when mentoring/Advising	Alexis Thompson
October 13, 2017	Life as an Academic	Jen Bernhard
October 20, 2017	Things Successful People Know for Navigating Difficult Situations-and You, Do, Too	C.K. Gunsalus
October 27, 2017	Preparing your Application Materials for an Academic Job Search	Phillip Ansell (2013 Mavis Alum)
November 3, 2017	The Interview Process	Klara Nahrstedt
November 10, 2017	Work on Capstone Project and Research Presentation for Seminar Talk	Rhonda McElroy
November 17, 2017	How to Handle the Negotiation Process	Klara Nahrstedt
November 24, 2017	Fall Break – No class	
November 30, 2017	How to Effectively Tell Your Story	TBA
December 1, 2017	How to Give a Better Research Talk	Celia Elliott
December 8, 2017	Peer Review of a Research PPT Presentation	Rhonda McElroy
December 15, 2017	No Class – Final Exams Start	No Class – Final Exams Start
December 22, 2017	No Class – Final Exam Week	No Class – Final Exam Week
January 19, 2018	How to Prepare an Effective Poster for a Poster Session	Celia Elliott
January 26, 2018	Peer Review on Faculty Application Materials	Rhonda McElroy
February 2, 2018	Preparing a White Paper	Celia Elliott
February 9, 2018	Writing a Successful Grant Proposal	Celia Elliott
February 16, 2018	Grant Administration & Reporting	Celia Elliott
February 23, 2018	Discussion / Peer Review of White Papers	Celia Elliott
March 2, 2018	Balancing between your research, services, and teaching as a faculty member	Harry Dankowicz
March 9, 2018	Faculty Life at Different Universities	TBA
March 16, 2018	Successfully Launching Your Academic Career	TBA
March 23, 2018	No Class – Spring Break Week	No Class – Spring Break Week
March 30, 2018	Tenure Process – Tips on how to be successful	TBA
April 6, 2018	Intellectual Property	TBA
April 13, 2018	Start-up Companies	TBA
April 20, 2018	Blending Learning / Online Teaching	TBA
April 27, 2018	All Mavis Materials Due and Celebration for Completing the	Lunch will be provided
May 4, 2018	No Class – Final Exams Start	No Class – Final Exams Start
May 11, 2018	No Class – Final Exam Week	No Class – Final Exam Week