

CHBE 7721 / ISyE 8811 / ME 8801 Syllabus

Future Faculty, Section A, 1 credit hour

Fall 2026

Instructor Information

Instructor: Martha Grover

General Course Information

Description

How to run a successful research program, advise students, apply and get a job in academia, navigate promotion and tenure, and other aspects of academia.

Course Learning Outcomes

This class provides insight into the job of a faculty member at a research-intensive university and provides information about the job search process. Through individual and panel discussions, topics will include assessing your fit for different types of research careers, skills needed for being successful in the job, and an overview of the job search process. The objective of this class is ultimately to provide sufficient insight and information so students can make educated decisions about future career choices.

Required Course Materials

None.

Grading Policy:

We have very limited time in class together, and your active participation in the course makes the best use of that class time for everyone. To pass the course, you must complete the assignment with good faith effort and attend the class discussions (two unexcused absences allowed). If you must miss class for illness or other reason beyond your control, send me an e-mail immediately. If you know that you must miss class due to a professional obligation (e.g., attend a conference), please let me know ahead of time to have the absence excused. There will be a check each week to confirm that you have attended class.

Course Policies

Attendance and/or Participation

Your success will depend strongly on the level of engagement with the course. Actively participating in all lectures and taking advantage of other learning opportunities offered (e.g. assignments, office hours) is critical for successful attainment of the learning outcomes. The Georgia Tech Catalog describes policies around “approved Institute activities” (e.g., field trips and athletic events) and accommodations around religious observances.

Academic Integrity

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. Review [Georgia Tech’s Honor Code](#) and the student [Code of Conduct](#).

Cases of suspected cheating or plagiarism on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Core IMPACTS

Not applicable for this course.

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, [contact the Office of Disability Services](#) (404-894-2563) as soon as possible to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Student-Faculty Expectations Agreement

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. [The Student-Faculty Expectations](#) articulate some basic expectations that you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.