

# Faculty Mentoring Workshop

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# What can you learn from mentor(s)?

- Why are we here?
  - Excellence in research
  - Excellence in teaching
  - Service to university and research community
- Balance - teaching/research/service
- **Don't wait for your mentor to mentor you...**

# Research

- Research: don't confuse process and purpose - make a difference
- Proposal writing
  - NSF Career, Young Investigator, NSF/NIH/DOD, Private Foundations
  - Get early feedback on proposals (and examples of winning proposals)
  - Targeted vs. shotgun approach?
- Students and postdocs
  - Advising students can be difficult – chose wisely
  - **Don't grow your program too quickly ... or too slowly (think about what stage your students will be at when you come up for tenure)**
- Use your start-up funds as the the name suggests
- Give talks – conferences, workshops, other universities (invite yourself)
- If you think you are good nominee society award/recognition, suggest it

# Teaching

- Teaching is important - take it seriously
  - We're responsible for educating next generations of leaders in engineering
  - It pays the bills
  - Tenure decisions are affected by your teaching record
- Seek out good teachers in your department
  - Sit in on lectures, borrow course materials
  - Respect your students
  - Timeliness is key
  - Hold regular office hours
  - Use Piazza!
  - Listen to your students – take teaching evaluations seriously

# Service

- Not too much.... Not too little
- Good: seminar series, conference program committees, associate editor, course development
- Maybe not so good: conference chair, ABET, editor-in-chief, space committee....
- Participate in department activities: seminars, faculty search/interviews, PhD student recruiting

# Mentoring

- Be sure to meet with your faculty mentor at least once a semester
- Discuss progress towards tenure
- Also seek advice from your chair and other faculty