

# Faculty Mentoring Workshop for RTPC

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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
- Profile of teaching and research faculty are distinct, but both are an integral and essential part of the school with a clearly defined path for career advancement and rich careers at USC.
- Mentors are here to help you reach your full potential at USC and help you navigate the sometimes arcane world of academia
  - Seek out mentorship advice
  - Talk to you department chair
  - Participate as a full member of the faculty in department and school affairs and governance

# Research

- Develop clear career goals as a Research (Assistant) Professor
  - Need to develop a distinct academic profile
  - Focus on what you need to do for successful promotion to Associate Research Professor
- How?
  - Make distinct research contributions for which you are known
  - Present your work at conferences, workshops and invited seminars at peer institutions
  - Apply for research grants (as PI or co-PI)
  - Co-advising of PhD students and postdocs
  - Pursue collaborations at USC and elsewhere in which you play a leading role
- Important
  - For research faculty in UPC/HSC labs: develop a research profile which is particular to you.
  - For research faculty at ISI/ICT: develop a strong academic profile (publications, talks) which might be somewhat different from that of non-faculty technical staff at ISI/ICT.

# Teaching

- Teaching is important
  - Teaching faculty play an essential role in teaching our students
  - Teaching faculty are consistently among our most highly ranked faculty in student teaching evaluations
- Excellence in teaching
  - Inspire your students
  - Sit in on lectures, borrow course materials
  - Respect your students, timeliness is key, hold regular office hours
  - Use Piazza and other on-line resources
  - Listen to your students – take teaching evaluations seriously
- What else?
  - Innovation and modernization of curriculum
  - Innovations in teaching approach – new labs, out-of-class activities, flipping ...
  - Participate in ASEE activities – conferences, publications, workshops

# Service

- RTPC faculty are fully integrated in faculty governance
  - Department level: merit review, appointments and promotions
  - School level: EFC and APT
  - University: academic senate
- As with T/TT faculty, service should be limited for junior faculty
- External service:
  - Research faculty – play an active role in the research community
  - Teaching faculty – involvement in engineering education policy and innovation with ASEE, IEEE or other professional societies u