

Faculty Mentoring Workshop for RTPC

Richard Leahy

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