

What I (and most other professors) Do

Why spend time on this?

- some of you may be thinking of becoming professors
 - help you to understand why I might not be in my office all the time and why it may take a few days to respond to email
 - people generally don't understand the job
(Neighbour: – “So what are you going to do while you are off for the summer?”)
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UW Evaluation Breakdown

- Teaching (40%)
- Research (40%)
- Service (20%)

Teaching

- 3 courses per year (generally) more for people doing less research
 - preparing lectures (roughly 3 – 7 hours of prep for each hour of lecture)
 - lectures
 - preparing, doing, marking assignments (can take lots of time, e.g., OS/161)
 - preparing, doing, marking exams
 - creating and maintaining web pages
 - answering e-mail
 - reading and responding to course newsgroup
 - office hours
 - course evolution, curriculum planning
 - graduate student supervision
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Research

- coming up with new ideas
 - implementing and debugging ideas
 - testing ideas
 - writing papers
 - keeping up with the literature (reading papers)
 - research group meetings
 - attending conferences
 - presenting at conferences
 - email with people working on research with
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Research

- supervising graduate students
 - thinking up possible topics
 - meeting with students
 - reading / proof reading their work
 - providing guidance
 - debugging code / writing coach
 - answering email
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Research

- applying for grants (funding) need to maintain income in forms of grants to:
 - support graduate students
 - obtain new equipment
 - be able to attend conferences
 - university does not give us money for this - we must hustle it ourselves
 - schmoozing companies
 - working with companies (e.g., HP, SUN, IBM, Real)
 - setting up laboratories
 - managing labs / equipment
 - trying to obtain new equipment
 - attending weekly seminars
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Service

- departmental committees including meetings (e.g., Promotion and Tenure / SACA / Curriculum)
 - University committees (e.g., Senate / Tenure and Promotion)
 - supervising URAs
 - similar to supervising graduate students
 - thinking up possible topics
 - meeting with students
 - reading / proof reading their work
 - providing guidance
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Service

- paper refereeing
 - read paper
 - check for correctness
 - suggest improvements
 - recommend acceptance or rejection
 - 5 hours + per paper - sometimes 7+ papers per conference
 - conference committee
 - read a number of papers, rank them, determine what's in and out
 - involvement in ACM SIG organizations
 - Presidents, VP, Secretary, Treasurer, etc.
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Service

- conference organization
 - Conference Chair
 - Program Chair
 - Local arrangements
 - Publishing proceedings
 - journal editors
 - interviewing and entertaining faculty candidates (evenings / weekends)
 - phoning potential graduate students to schmooze them to come to UW
 - writing letters of reference for students for
 - jobs
 - scholarship applications
 - graduate school applications
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Other Activities

- consulting
- trying to have a life