

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?”)

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

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

Research

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

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

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

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.

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

Other Activities

- consulting
- trying to have a life