# 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 Activites

- consulting

- trying to have a life