

Find a partner and a station

- Introductions
- 20.109 Philosophy
- Day-to-Day Workflow
- Semester-Long Workflow
- Lab Safety
- Self-/Guided Lab Tour

Introductions

- Name, year, something about yourself

Agi

01' (CHE)

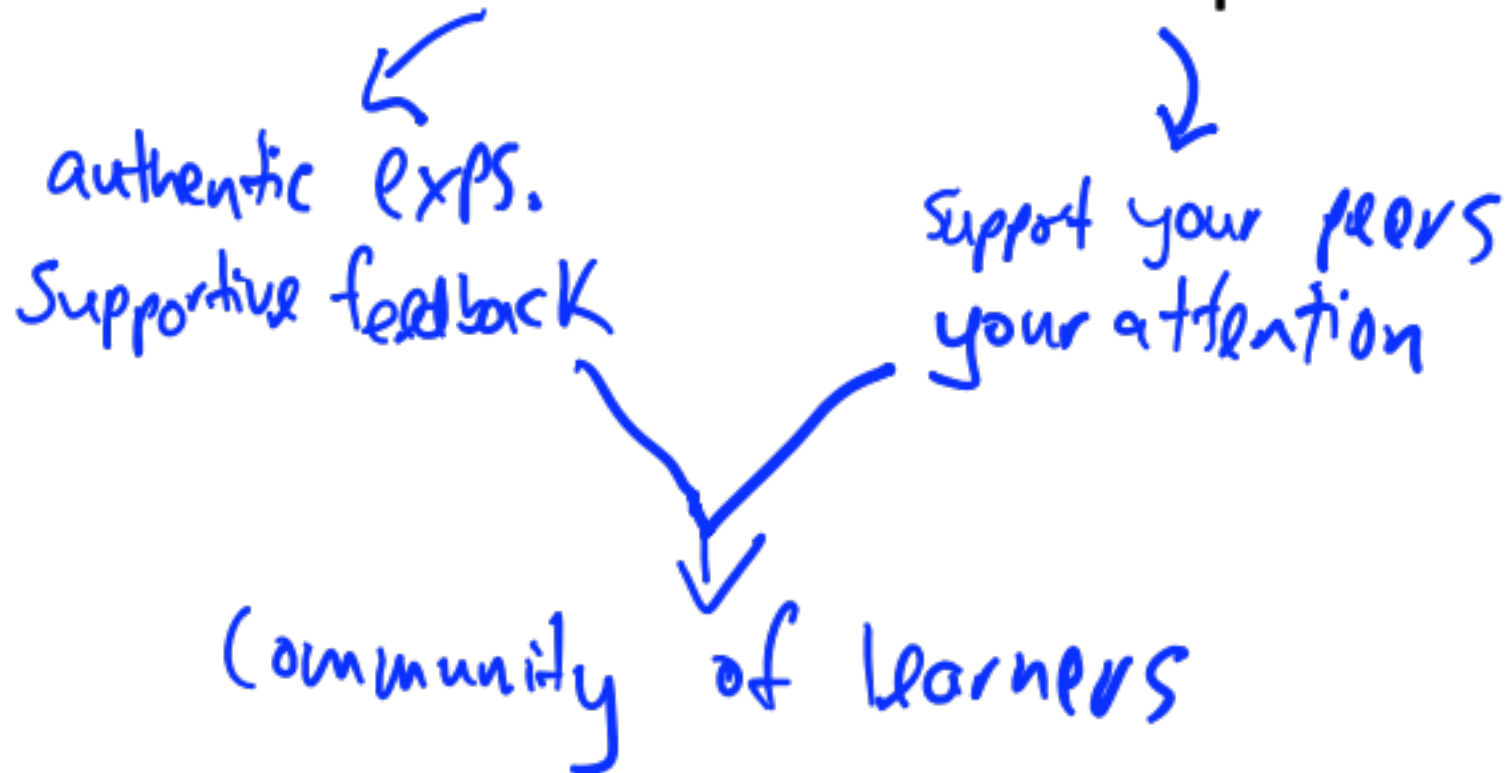
'07 (DMSE)

conc. Rit.

Polymers



20.109: Promises and Expectations



Day-to-day workflow

- Hand in current HW, get old HW back
- Announcements
- Discussion of prior HW
- Quiz 5-10min., 2-3Q
- Pre-lab lecture
- Lab work
 - See wiki
- Hand in notebook pages before leaving

next time: lab
practical
1:10 sharp

Annotating protocols

50 μ L

1. Begin by adding the correct amount of water to a 200 μ L PCR tube. Add that amount +1 μ L to a second PCR tube.
2. Next add the primers to each reaction. Be sure to change tips between additions.
3. Next add template to the first reaction tube. ✓
4. Finally add PCR Master Mix to each tube, pipetting up and down to mix. Leave your tubes on ice until the entire class

oops - didn't change tips

4 pm
rxn. 4:30 pm

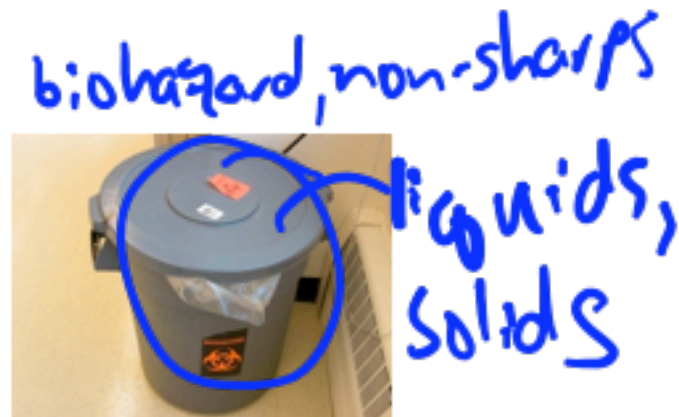
Semester-long workflow

- Work in pairs
 - Broader community collaboration
 - Assessments
 - Minor: HW, quizzes, notebooks + participation
 - Major: reports and presentations 80%
 - **Ask if something is unclear**
 - Available over email, occasional OH
 - **Plan ahead and manage your time**
- 16-319
2-3d before
major (by appt.)

Lab Safety

- Protection: gloves, glasses, coat
- Just in case... eyewashes, shower
- Hazards: toxicity ^{chem.} splash _{bio.}
- Waste disposal

non-bio. sharps



Time for demo and tour!