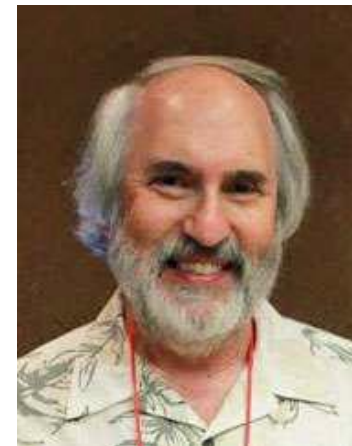# CS377Q: Today's goals

- Guest lecture: Assistive technologies

- User studies with people with disabilities

- Assign P3: User study

- Consulting with teams/work time

Guest lecture: Assistive Technology

- Dave Jaffe
- Perspectives in Assistive Technology
  Engr 110, Winter Quarter

User studies with people with disabilities

- Think through logistics of a convenient, accessible setting

- Affording enough time

- Enable them to use their own assistive technology
  - Digitally administer surveys so they can use their own devices to complete

- How to get informed consent

- Getting over the novelty effect
  - Deploying out into the field

Access to people with disabilities is a precious resource

User study tips

- Meaningful utility vs. usability tasks (especially for the pilot study)
  - Usability = How easy to use, accomplish task
  - Utility = How *useful* it is, how meaningful is the accomplishment
- Ask open-ended tasks first, before how the prototype accomplishes it
- Comparative study
- Summary question
  - What did you like most?
  - What is the most important improvement?
- CS377U (Spring Quarter)

P3: User study design and recruitment plan

- Due Tuesday, May 14, in class
- Prototype revision
  - Updates based on feedback from demo
- User study design
  - User tasks and settings
  - Data collection (interview questions, survey questions, performance metrics)
- User recruitment plan
  - How will you get the users for the study

P3: Recruitment plan

- Start recruiting for users immediately!
  - That's why it's part of P3
  - 1 pilot and 2 user study participants is the *minimum*
- Think about focus
  - Age demographic
  - Recency of disability
  - Level of disability

P4 Preview: Conduct a user study

- Three distinct parts with deadlines
    - part a: Conduct a pilot study with one participant with a disability and present findings in class on May 21
    - part b: Conduct user study with at least 2 participants with a disability and submit user study data by May 28
    - part c: Presentation, in class, May 30

Looking ahead

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		7 P3 assigned	8	9 P2 due	10	11
12	13	14 P3 due P4 assigned	15	16	17	18
19	20	21 A4 part a due (pilot)	22	23	24	25
26	27	28 A4 part b due (user study data)	29	30 A4 part c due (presentation)		