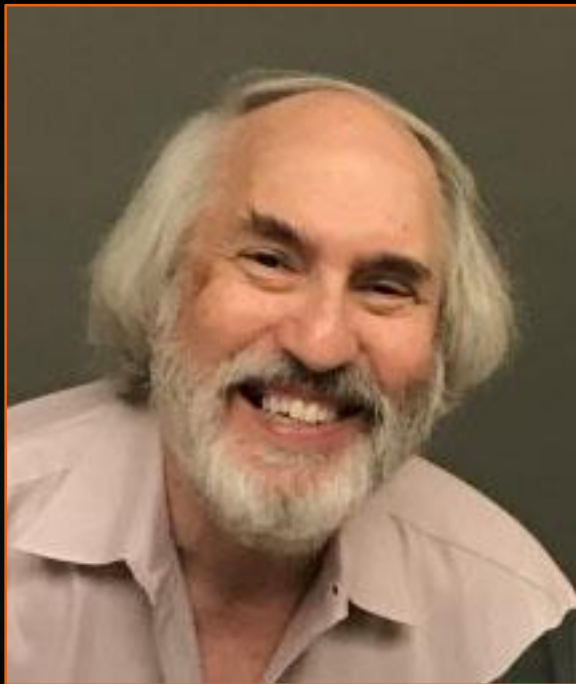January 28, 2021

Designing Beyond the Norm to Meet the Needs of All People

ENGR110/210
Perspectives in Assistive Technology

David L. Jaffe, MS

Instructor

15
Years

Questions, Comments, Suggestions, or Concerns?

Don't be afraid to ask questions.

Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them.

Upcoming class sessions

▶ **Bionic Ears: Cochlear Implants and the Future of Assistive Technology** -
Lindsey Dolich Felt, PhD - Tue, Feb 2nd

▶ **Issues of Human Interface Design** -
Gary M. Berke, MS, CP, FAAOP - Thu, Feb 4th

▶ **From Idea to Market: Eatwell, Assistive Tableware for Persons with Cognitive Impairments** –
Sha Yao - Tue, Feb 9th

▶ **The Design and Control of Exoskeletons for Rehabilitation** –
Katherine Strausser, PhD - Thu, Feb 11th

▶ **Mid-term Student Project Presentations** –
Tue, Feb 16th

Students working on projects

- ▶ Mid-term presentations will be 3 minutes, no slides, no screen sharing, informal, not graded
    - ▶ Project title, background, problem, aim, design criteria, "understanding the problem" & brainstorming activities, and selected solution
- ▶ All students working on the same project will present together
- ▶ Mid-term report – 10 to 15 pages of narrative submitted collectively by all students working on the same project
- ▶ Contact me if you have questions about your project direction
- ▶ Meet with Kat to report on project progress
- ▶ Submit progress reports to both Kat and me

Reminder - Work with Diligence

- Time is your team's most precious resource
- 2.5 weeks of class until Mid-term Presentations - Tue, Feb 16th

Tuesday, February 2nd

Bionic Ears: Cochlear Implants and the Future of Assistive Technology

Lindsey Dolich Felt, PhD

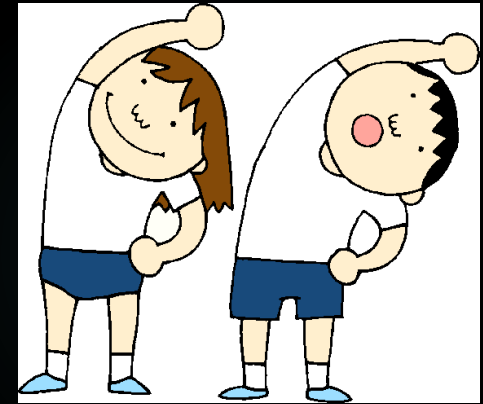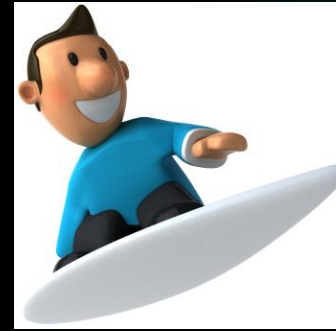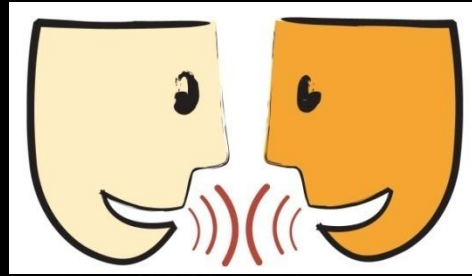Stanford University – Program in Writing and Rhetoric

Today

Designing Beyond the Norm to Meet the Needs of All People

Peter W. Axelson, MSME, ATP, RET

Beneficial Designs, Inc. - Director of Research & Development

Break Activities

- Breakout rooms
- Attendance sheet
- Stand up and stretch
- Take a bio-break
- Text message
- Web-surf
- Respond to email
- Talk with classmates
- Reflect on what was presented in class

Short Break