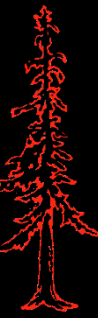
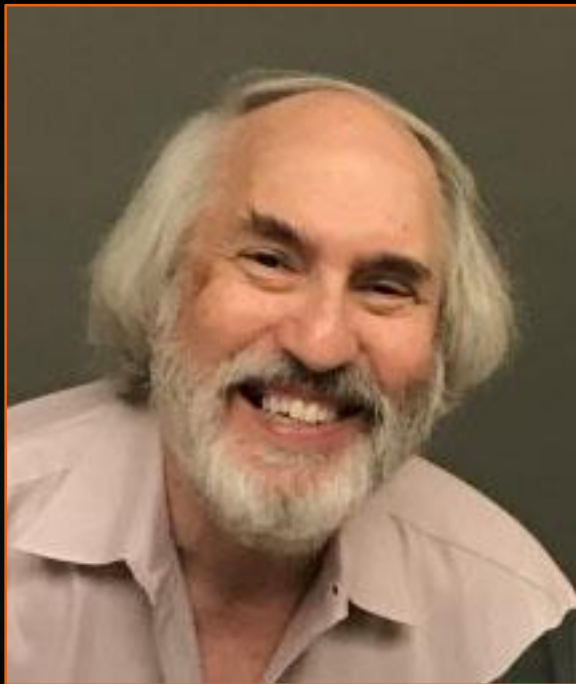


January 25, 2022
Designing Beyond the Norm to Meet the Needs of All People



ENGR110/210

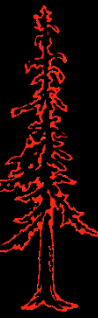
Perspectives in Assistive Technology



David L. Jaffe, MS
Instructor

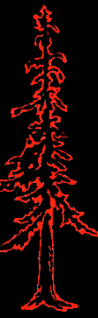
16
Years

Questions, Comments, Suggestions, or Concerns?



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

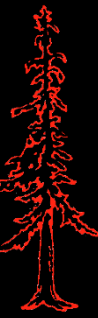
Upcoming class sessions



- ▶ From Idea to Market: Eatwell, Assistive Tableware for Persons with Cognitive Impairments –
Sha Yao - Thu, Jan 27th
- ▶ Issues of Human Interface Design -
Gary M. Berke, MS, CP, FAAOP - Tue, Feb 1st
- ▶ Accessible Making: Designing Makerspaces for Accessibility - by Zoom
Katherine M. Steele, PhD, MS - Thu, Feb 3rd
- ▶ Mid-term Student Project Presentations –
Tue, Feb 8th



Cardinal Courses Mid-term Feedback Session



- ▶ Cardinal Courses conducts mid-quarter feedback sessions typically during Week 5 or 6.
- ▶ Last year, the survey was conducted over Zoom and asks students:
 - ▶ 1) What is going well with the community engaged learning component of the course;
 - ▶ 2) What could be improved; and
 - ▶ 3) What can students do to make the course more successful.
- ▶ Indicate your availability for an after-class timeslot
- ▶ Participation is voluntary.



Students working on team projects



- ▶ Connect with project partner
- ▶ “Understand the Problem”
- ▶ Brainstorming
- ▶ Select Design Concept(s)
- ▶ Sketches, low resolution prototypes
- ▶ **Prepare for Mid-Term presentation and Report**
- ▶ Contact me if you have questions about your project direction
- ▶ Weekly - Meet with me or Bennett to report on project progress
- ▶ Submit progress reports to both Bennett and me



Students working on Team Projects

Mid-term Presentations in two weeks!



- ▶ Mid-term presentations will be 7 minutes
- ▶ Project title, background, problem, aim, design criteria, “understanding the problem” & brainstorming activities, and selected solution
- ▶ PowerPoint slides
- ▶ Strive to be professional
- ▶ **Include feeling & emotion**
- ▶ Presentation tips on course website
- ▶ **Signup Sheet for presentation order will be available in class next Monday**

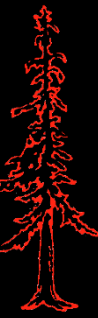
Students working on Team Projects

Mid-term Report



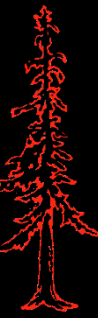
- ▶ Mid-term report - 10 to 15 pages of narrative - of narrative and images
- ▶ Suggested format different for fabrication vs non-fabrication projects
- ▶ Include sketches and photos
- ▶ Goal: short, concise, well-written, and highly readable report with few grammatical and spelling errors.
- ▶ **Report Writing Tips document suggested report features**

Students working on Individual Projects



- ▶ Submit project name
- ▶ Contact me if you have questions about your project direction
- ▶ Weekly - Meet with me or Bennett to report on project progress
- ▶ Submit progress reports to both Bennett & me

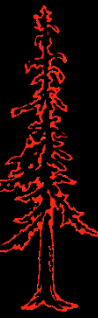
Reminder - Work with Diligence



- ▶ Time is your team's most precious resource
- ▶ 2 weeks of class until Mid-term Presentations - Tue, Feb 8th
- ▶ It is not too early to outline your presentation & report



Thursday, January 27th



*From Idea to Market: Eatwell, Assistive Tableware
for Persons with Cognitive Impairments*

Sha Yao - Sha Design

Today



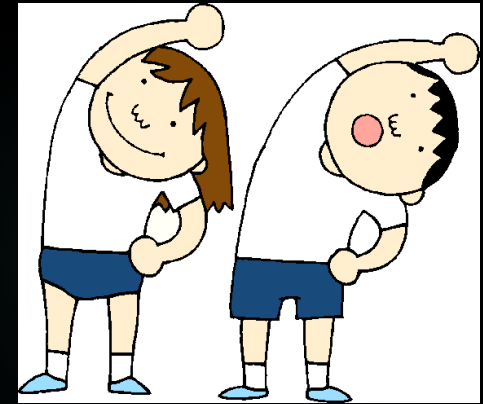
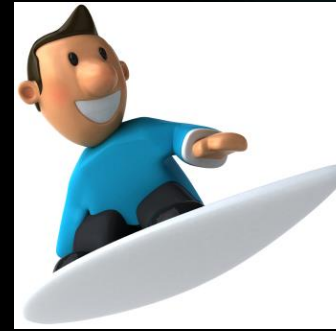
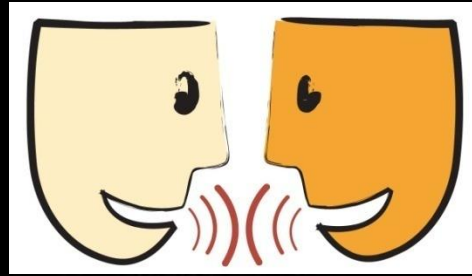
Designing Beyond the Norm to Meet the Needs of All People

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

