

February 25, 2025  
Designing Beyond the Norm to Meet the Needs of All People



# ENGR110/210

## Perspectives in Assistive Technology



Peter W. Axelson, MSME, ATP, RET  
Beneficial Designs, Inc.

# Questions, Comments, Suggestions, or Concerns?



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

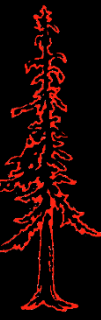
# Students working on Team Projects

## Mid-term Report



- ▶ Scoring:
  - ▶ Excellent 0
  - ▶ Very Good to Excellent 10
  - ▶ Very Good 9
  - ▶ Good to Very Good 5
  - ▶ Good 3
- ▶ Scanned marked up documents emailed to teams
- ▶ Mid-term Report is 10% of grade

# Home Stretch - Work with Diligence



- ▶ Time is your team's most precious resource
- ▶ 14 days until End-of-term Team Project Presentations - Tue, Mar 11<sup>th</sup>
- ▶ Identify remaining activities and assign responsibilities
- ▶ Plan for successes and setbacks



# Students working on Team Projects

## Project Activities



- ▶ Continue to work with project suggestor
- ▶ Order parts
- ▶ Fabricate, test, analyze, redesign, refine prototypes
- ▶ Submit progress reports, schedule meetings with Mathilda, Lance, or me



# Students working on Team Projects

## Extra Credit



- ▶ Wed, Mar 19<sup>th</sup> - 9:00am
- ▶ 1 Table (2 projects)
- ▶ First two teams who email me



# Student working on Individual Projects



- ▶ Continue to meet with me to discuss project progress
- ▶ Send progress reports with photos
- ▶ Submit Project Title, Abstract & Presentation Date / Time
- ▶ Contact me if you have questions about your project direction
- ▶ Project presentations:
  - ▶ Week 9
  - ▶ Outside of class
  - ▶ In-person

# Upcoming class sessions

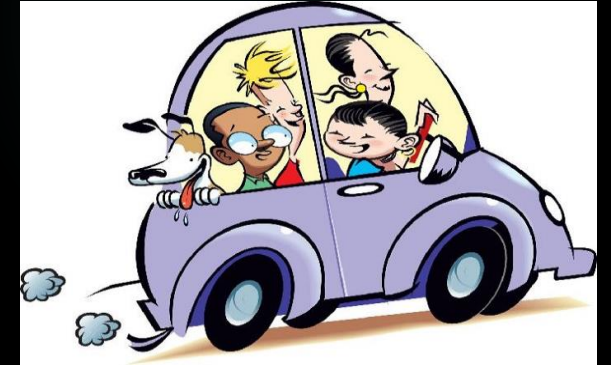


- ▶ From Idea to Market: Eatwell, Assistive Tableware for Persons with Cognitive Impairments

- Sha Yao, MFA
- Thu, Feb 27<sup>th</sup>

- ▶ Film Screening

- Tue, Mar 4<sup>th</sup>



- ▶ Wheelchair Fabrication in Developing Countries

- Ralf Hotchkiss
- Thu, Mar 6<sup>th</sup>



# Thursday, February 27th



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

Sha Yao, MFA - Sha Design

# Today



*Designing Beyond the Norm to Meet the Needs of All People*

Peter W. Axelson, MSME, ATP, RET

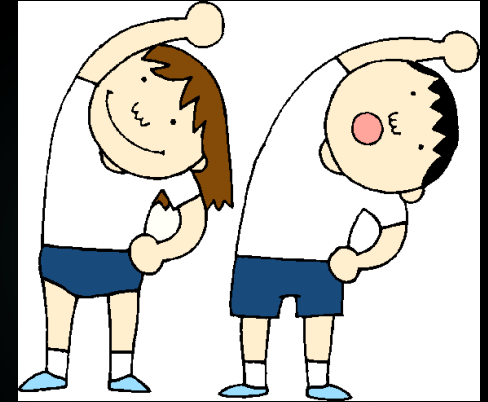
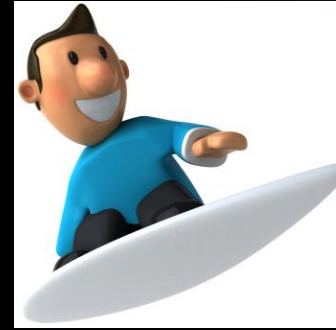
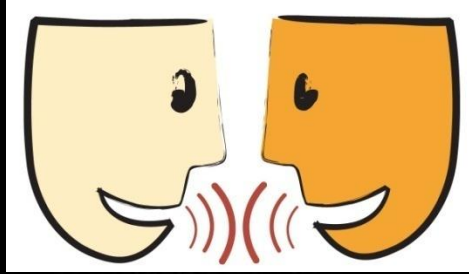
Beneficial Designs, Inc. - Director of Research & Development

Dinner at Gott's ~ 6:45pm



# Break Activities

- ▶ 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

