

January 16, 2014

ENGR110/210

Perspectives in Assistive Technology



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Margaret Mongare



Professor Drew Nelson



Proadpran P. Punyabukkana, PhD

Questions?



Individual Projects

- Enrolled for 1-unt with a letter grade
- Consider the these options:
 - Assistive technology topic
 - Paper design of an assistive technology device
 - Work of art
 - Aftermarket aesthetic, functionality, usability design
- Interview an individual with a disability. This could include: a family member, a friend, a classmate, a community member attending class, or others that I can suggest
- Report on their lives, challenges they have faced, successes they have achieved, desires for their future, assistive technology they use, and problems they have experienced with them.
- Doesn't have to involve fabrication
- Meet with Dave to agree on project

Team Project Selection

- Consider project offerings or suggest a student-defined project
 - Freshmen & Sophomores must work in teams of 2 or 3
- Contact project suggestor for more information & access to users
- Check website for students' project preferences
 - <http://engr110.stanford.edu/preferences.html>
- Inform me of team members (no more than teams of 3) - **Friday**
 - Project name
 - **Team members**
 - **Name of your team**
 - **Project name**
 - Name of your device (after it develops a “character”)
 - Catch phrase
 - Logo

Team Project Selection

Since there is no guarantee that other students will have the same project interests, you should be prepared to do one of the following:

- convince others to work with you on one of your selected projects
- consider working with another student on a project he/she has chosen
- work on a project you selected as a team of one

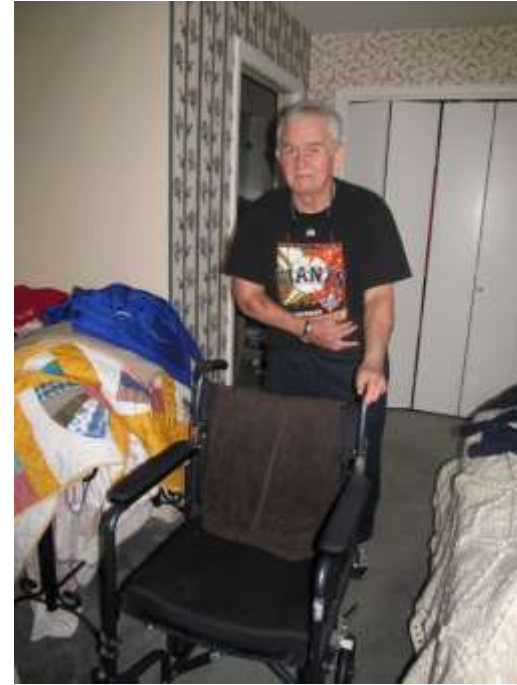
Team Member Solicitation

- Teams looking for an additional member
 - Maximum of 3 team members
- Students in search of a team

Project Documentation

- Lab notebooks not required but encouraged to protect Intellectual Property
- Diary for Personal Reflection
- Photos and short videos strongly suggested
 - Working with a user of assistive technology
 - Illustrating your design process and activity
 - Showing off your prototypes

Walker for Stroke Survivors



Miscellany



1. Make up missed lectures
2. Slides posted on course lecture website as well as recorded audio, weblinks, photos, and video
3. Student expectations, comments, suggestions, etc
4. Anonymous Suggestion Box
 - <http://enr110.stanford.edu/suggestion.html>
5. PRL Safety Orientation & Shop passes
6. Last bits:
 - Expectations of Stanford graduates in the Real World

Tuesday, January 21st



Morgan Duffy, Kareem Edouard,
Nathaniel Wynn, Aubrie Lee,
Kartik Sawhney, and Christopher Connolly



Perspectives of Stanford Students with a Disability

Today



Deborah E. Kenney, MS, OTR/L

**The Transdisciplinary Team: Bridging
the Gap between Consumers and
Products in Rehabilitation Medicine**

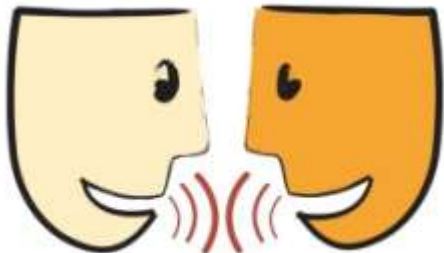
Short Break



Break Activities



- 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



Laptops Galore

