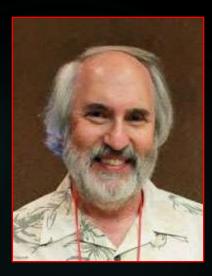
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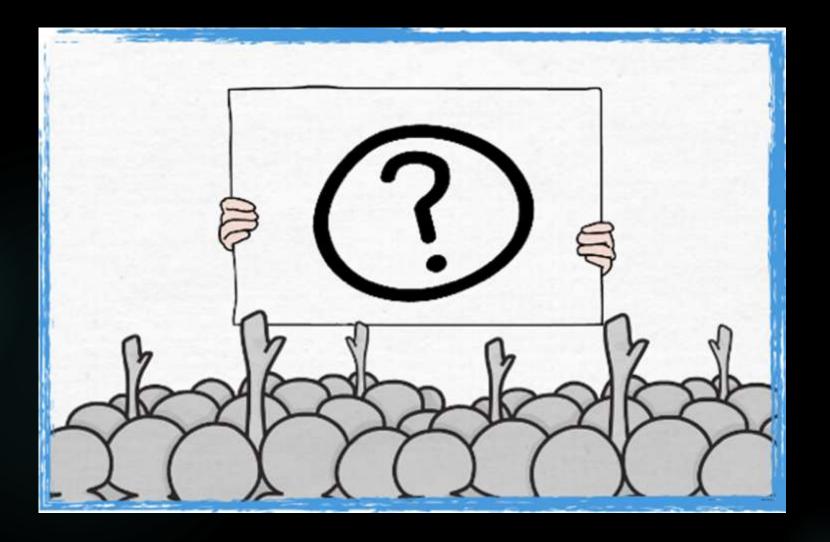
#### ENGR110/210 Perspectives in Assistive Technology



David L. Jaffe, MS Instructor



#### Questions?





#### Attendance Sheet, Evaluation Form, and Meet with Dave Signup

For all students:

- Attendance Sheet & Meet with Dave signup
- Pre-lecture Discussion Topics Preference

For everyone:

Class Session Evaluation Form

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#### Pre-lecture Discussion Topics

#### Select topics of interest

- D Ethical / Moral Dilemmas Related to Disability
- □ Assistive Robotics Robotic technology benefitting people with disabilities and older adults
- Assove hobotics hobotic technology products and reveals
  In the News New Assistive Technology products and reveals
- Vintage Assistive Technology Products from the past
- Ten Commandments of Making Adam Savago's Maker Faire video
- I The Upside of Failure Learning from prototypes that didn't work
- Who is Disabled? Making a determination with Emitted information
- Q More on the Design Davelopment Process What's missing from other processes?
- . Video Theatre Watch and discuss videos of new products and prototypes
- D Marketing terms Words matter
- Famous people with disabilities Focus on TV show characters
- Students' Choice Cless determines topic specify







#### Team Projects

- Work with diligence
- Reimburse first \$200 of projects expenses
- No transportation
- Keep receipts, turn in at end of quarter





# Rules of Brainstorming

- 1. Start with a full understanding of the problem
- 2. Defer judgment
- 3. Encourage wild ideas
- 4. Build on the ideas of others
- 5. Stay focused on the topic
- 6. One conversation at a time
- 7. Be visual
- 8. Go for quantity

The seven rules of brainstorming - Ideo





#### Miscellaneous

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- Use a pen to fill out evaluation forms
- Weblinks, videos, and photos linked from lecture webpages
- Preferences for pre-lecture discussions
- Meet with Dave signup
- Microphone used with camcorder





## Dr Martin Luther King Jr.

How might the teachings of Dr Martin Luther King Jr. relate to people with disabilities?

"I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character."









# Famous Cartoon Characters with Disabilities











#### Newly Formed Project Teams

#### Pickup Sticks

- Pickup Sticks Team
  - Conrad Steffahn Kisunzu
  - Sandra Esmeralda Sanchez
  - Lydia Maria Tsiverioti

#### Newly Formed Project Teams

- Dance Therapy Project
- Dancing Our Way to Health
  - Natty Jumreornvong
  - Steven Mark Solomon

#### Tuesday, January 24th





#### Perspectives of Stanford Students with a Disability









Kartik Sawhney, Zina Jawadi Angelica Parente, Edan Alexander Armas Bryce Connor Tuttle, Hannah Joy Root

### Today



Bridging the Gap between Consumers and Products in Rehabilitation Medicine

Deborah E. Kenney, MS, OTR/L Stanford University VA Palo Alto Health Care System Foothill College

#### Short Break

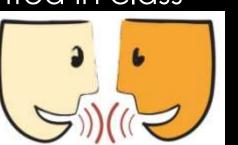


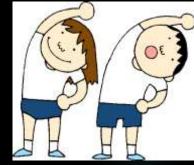


## Break Activities



- Sign attendance sheet
- Grab a cookie
- Stand up and stretch
- Take a bio-break
- Text message, web-surf, email
- Talk with classmates
- Reflect on what was presented in class











#### Laptops Galore





