January 14, 2016

ENGR110/210
Perspectives in Assistive Technology

David L. Jaffe, MS
Instructor
Questions or Concerns?
Attendance Sheet and Evaluation Form

For all students:
  • Attendance Sheet - important to verify your attendance

For everyone:
  • Class Session Evaluation Form
Miscellaneous

- Use a pen to fill out evaluation forms
- Preferences for pre-lecture discussions
- Meet with Dave signup

- Microphone used with camcorder
Avenidas Tech Faire

Sat, Jan 16th from 10am to 2pm
- 450 Bryant St., Palo Alto
- Exhibits, sponsor booths, computer lab, food trucks, speakers
Team Projects

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

- Reimburse PRL Shop Pass for the 14 students who don’t have a pass and were not required to purchase one for another course this quarter
Rules for Brainstorming

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

The seven rules of brainstorming - Ideo
Individual Projects

• 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.

• Meet with Dave to agree on project
1. Haas Fellowships for summer projects:
   – Alexander Tung Fellowship
   – Roland Longevity Fellowship
   – Cardinal Course Fellowship

2. Co-Term and other Letters of Recommendation

3. Drivers for Field Trips – signup sheet
Famous People with Disabilities
Famous Cartoon Characters with Disabilities

Eating Disorder
Attention-Deficit Hyperactivity Disorder
Depression
Anxiety
Obsessive Compulsive Disorder
Schizophrenia

Which Disney Princess Are You?

Donald Duck
Walt Disney
Mickey Mouse
Goofy
Piglet
Snoopy
Ariel
Cinderella
Rapunzel
Famous TV Characters with Disabilities

Big Bang Theory
Famous TV Characters with Disabilities

Raj – Social anxiety disorder, selective mutism, and arachnophobia
Famous TV Characters with Disabilities

Sheldon – Eidetic memory, mild OCD, “a bit of a germaphobe”, autistic behaviors, but not crazy (his mother had him tested)
Famous TV Characters with Disabilities

Leonard – Asthmatic and lactose intolerance
Famous TV Characters with Disabilities

Howard – Severe peanut allergy and fear of going into space (astrophobia)
Famous TV Characters with Disabilities

Penny – No last name!
Famous TV Characters with Disabilities

Barry Kripke
Famous TV Characters with Disabilities

Barry Kripke – Speech impediment (Rhotacism)
Tuesday, January 19th

Edan Alexander Armas, Kartik Sawhney, Dan Berschinski, Jacob Gowan, Zina Jawadi

Perspectives of Stanford Students with a Disability
Today

Deborah E. Kenney, MS, OTR/L

Bridging the Gap between Consumers and Products in Rehabilitation Medicine
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
Short Break
Laptops Galore