February 20, 2018
Motion & Gait Analysis

ENGR110/210
Perspectives in Assistive Technology

David L. Jaffe, MS
Instructor
Questions, Comments, Suggestions, or Concerns?

Don’t be afraid to ask questions.

Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them before the end-of-term course evaluation.
Attendance Sheet, Evaluation Form, and Meet with Dave Signup

For all students:
- Attendance Sheet
- Meet with Dave signup - teams or individual students

For everyone:
- Class Session Evaluation Form
Upcoming class sessions

- **End-of-term Project Presentations** - Tue, Mar 13th
- **Assistive Technology Faire** - Thu, Mar 1st
- **Bionic Ears: Cochlear Implants and the Future of Assistive Technology** - Tue, Feb 27th
- **Field trip to VA this Thu, Feb 22nd**
  - Carpool passengers signup
  - Lists, directions, and maps
Field Trip

- Thursday, February 22nd - VA Medical Center - Palo Alto
  - Students and community member car pool drivers only
Thursday, February 22nd

Field Trip to VA Palo Alto Health Care System

Graham H. Creasey, MD, FRCSEd
Spinal Cord Injury Service
Thursday, February 22nd

VA Palo Alto Health Care System
- VA and VAPA
- Spinal Cord and Brain Injury Services
- Assistive Technology Center
- Hear from a veteran
Car Pool to VA - Passengers’ Signup Sheet

- **Passengers:** please signup with a car pool driver. On the day of the field trip, please arrive promptly at the departure point: in front of the classroom facing Santa Teresa at 4:30pm.

- **Drivers:** Please park along Santa Teresa in from of Thornton. Depart promptly at 4:30pm. Carpool list, maps, and directions will be provided.

- Let me know if you are a solo driver or bicyclist so I can send you a map.

There is space on the Signup Sheet for additional drivers to sign up.
Directions to VA

- Take Campus Drive toward the west end of campus
- Turn left onto Junipero Serra Blvd (going south)
- Past Page Mill Road, Junipero Serra turns into Foothill Expressway
- Turn left at light on Hillview
- Make an immediate right onto Miranda Ave.
- Road curves to the left and parallels Foothill Expressway
- Turn left into VA grounds at American flag
- Park in the large lot on the right
- Enter north entrance of Building 7
- Make your way to Room E-111 - the first room one on the right after entering the building
- Lost or late? - call Dave at 650/892-4464
Enter here & proceed to Room E111
Today - Start-Up Nations’ Technology Fair

Power2ACT, Stanford's open forum for students with and without disabilities (including invisible disabilities) is co-sponsoring Start-Up Nation's Technology Fair.

- Two assistive technology companies will be participating:
  - Orcam - "OrCam’s mission is to harness the power of artificial vision by incorporating pioneering technology into a wearable platform which improves the lives of individuals who are blind, visually impaired, and have reading difficulties."
  - ReWalk - “ReWalk is a wearable robotic exoskeleton that provides powered hip and knee motion to enable individuals with spinal cord injury (SCI) to stand upright, walk, turn, and climb and descend stairs”. ReWalk is the first exoskeleton to receive FDA clearance for personal and rehabilitation use in the country.

Tresidder Oak Lounge (2nd floor) from 6 to 9pm
Teams that desire additional time to complete, proofread, and refine their report can request a one-day extension.
Mid-term Evaluation Comments

- Good comments, bad comments, how to evaluate?
- Conflicting comments on content and/or presentation
- There may be just one comment on an issue, either positive or negative
- Everyone has a different perspective, opinion, and level of understanding
- Not everyone is “right” due to emphasis, misunderstandings, and subjectivity
- Some evaluators may pick up on a detail, not on your major point, so emphasize major points on a separate slide
- **Make you own honest judgment on comments that could be helpful**
- Same goes for your mid-term report markup
- What do the scores mean with respect to your grade?
Questions?
Break Activities

- Stand up and stretch
- Sign attendance sheet
- Grab a cookie
- Take a bio-break
- Text message, web-surf, email
- Talk with classmates
- Reflect on what was presented in class
Adjourn
Laptops Galore
Time for Questions?
End the class