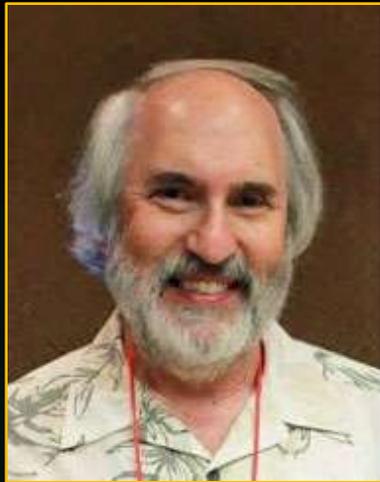


February 20, 2018
Motion & Gait Analysis



ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS
Instructor



Questions, Comments, Suggestions, or Concerns?



Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them before the end-of-term course evaluation.

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

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



Passenger Signup Sheet
VA Palo Alto Health Care System
Thursday, February 22nd
Departure Point and Time: Thornton Center @ 4:30pm

Driver's name, cell & email:	Dave Jaffe	650/892-4464	davejaffe@stanford.edu
Car make, model, color:	Black Acura Integra		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	

Driver's name, cell & email:	Eric Dancu		
Car make, model, color:	White LS 430		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
	4. Name: _____	Cell: _____	

Driver's name, cell & email:			
Car make, model, color:			
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
	4. Name: _____	Cell: _____	

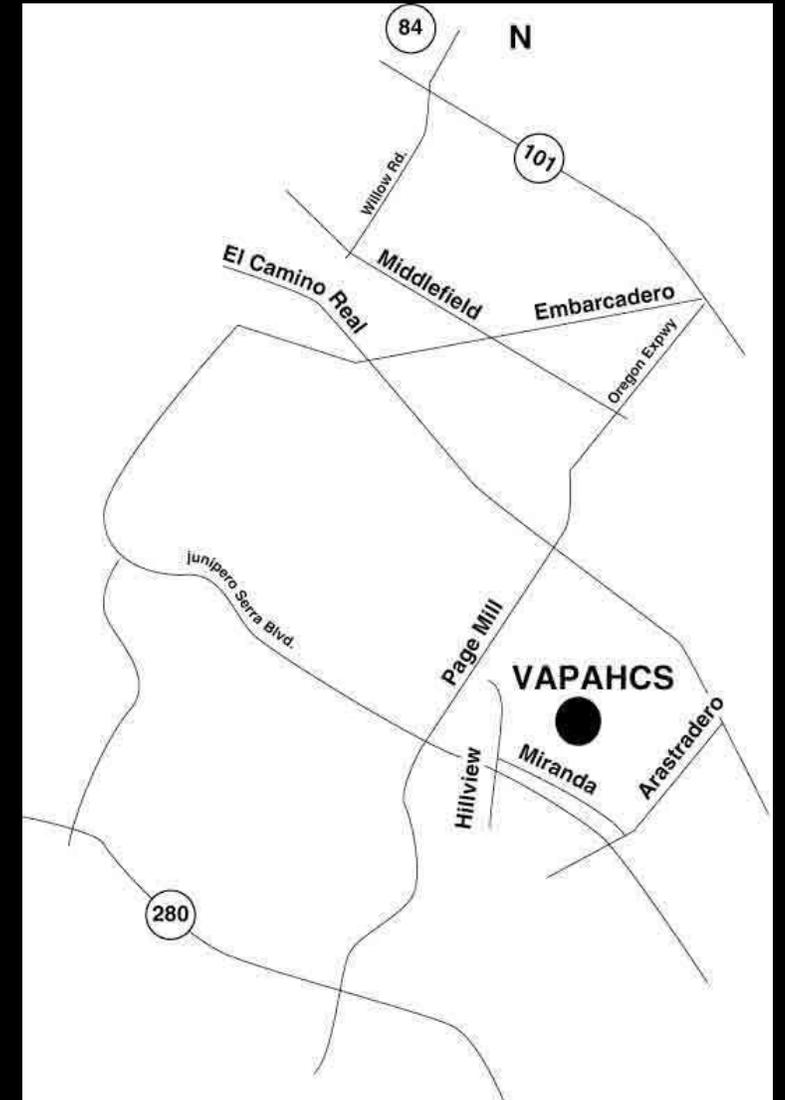
There is space on the Signup Sheet for additional drivers to sign up.

- ▶ **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 front 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.**

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



Flying in

Helicopter landing pad

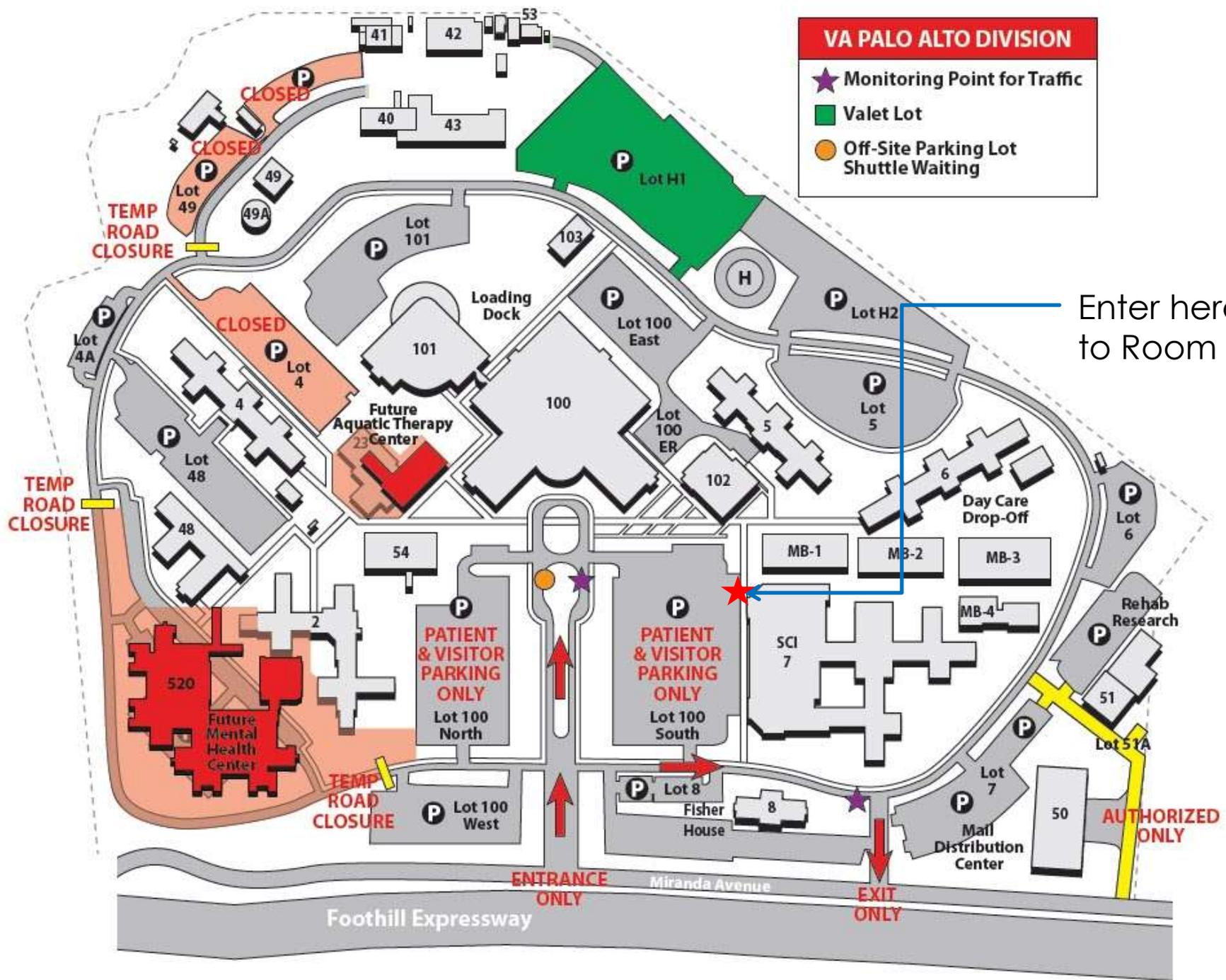




BUILDING LEGEND

- | | |
|------------------------------------|------------------------------|
| 4 Research | 105 Learning Center |
| 5 Primary Care Clinics | 500 Future Polytrauma Center |
| 6 Laboratory & Administration | 520 Mental Health Center |
| 7 Spinal Cord Injury Center | 530 Wellness Center |
| 8 Fisher House | MB1 Compensation and Pension |
| 9 Defenders Lodge | MB2 Polytrauma |
| 50 Warehouse | MB3 Administration / AFGE |
| 51 Specialized Research Center | MB4 Research Annex |
| 54 Research | PS1 Parking Structure 1 |
| 100 Hospital | PS2 Parking Structure 2 |
| 101 Administration | T6B Whistle Stop |
| 102 Diagnostics & Radiology Center | T6 Research |





VA PALO ALTO DIVISION

- ★ Monitoring Point for Traffic
- Valet Lot
- Off-Site Parking Lot Shuttle Waiting

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

Today - Mid-term Reports Due



Teams that desire additional time to complete, proofread, and refine their report can request a one-day extension.

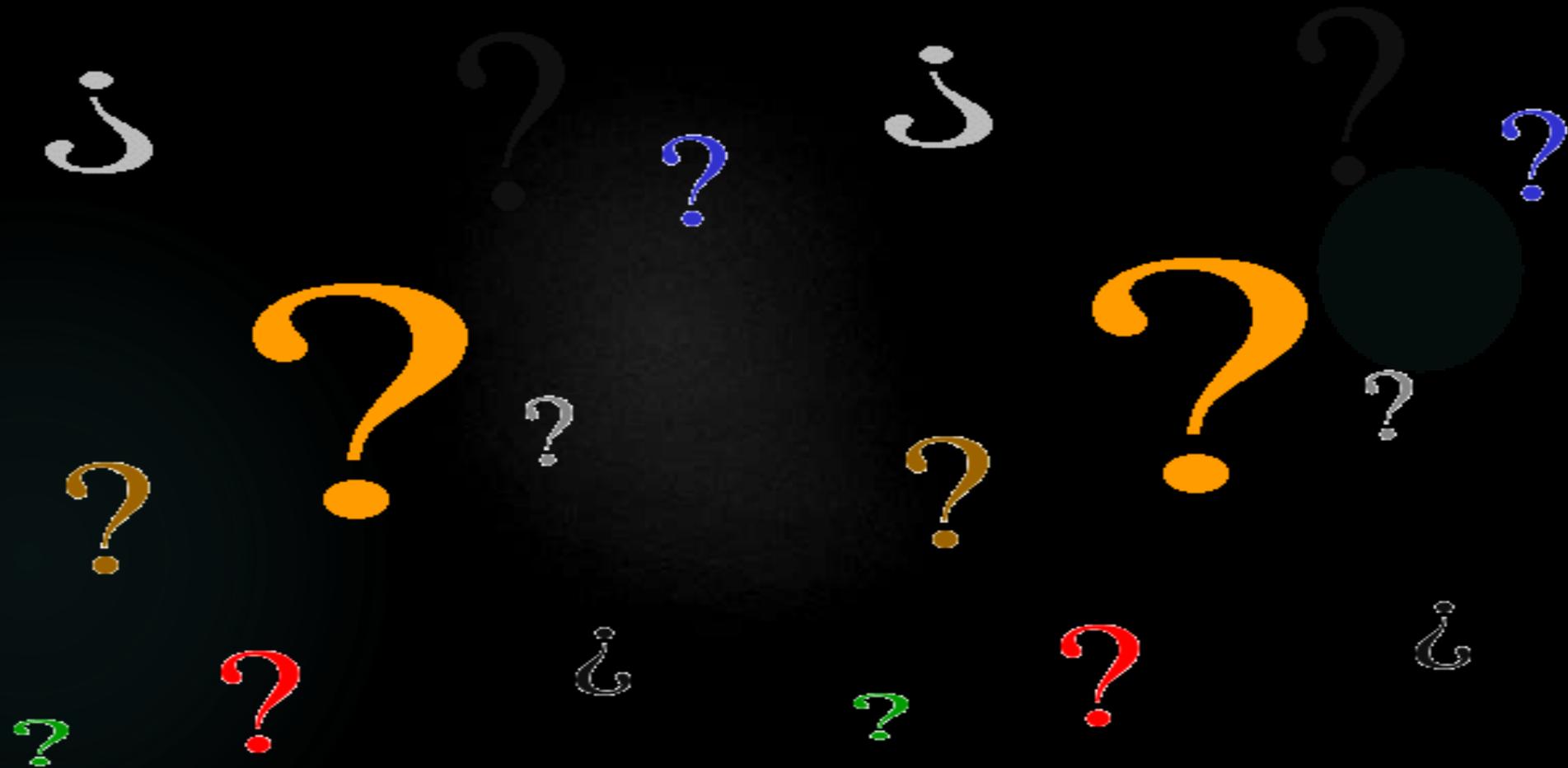


Mid-term Evaluation Comments



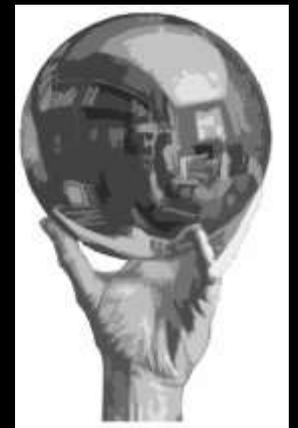
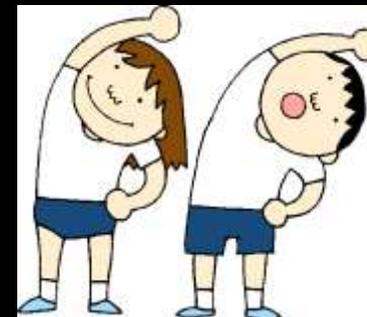
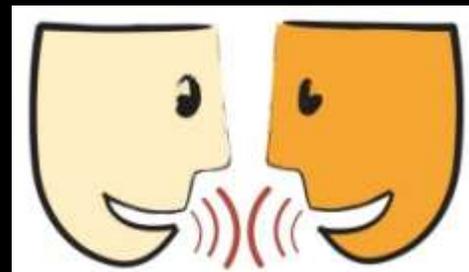
- ▶ Good comments, bad comments, how to evaluate?
- ▶ Conflicting comments on content and/or presentation
- ▶ There may be just one comment on an issue, either positive or negative
- ▶ Everyone has a different perspective, opinion, and level of understanding
- ▶ Not everyone is “right” due to emphasis, 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



class dismissed



Laptops Galore



Time for Questions?



End the class

