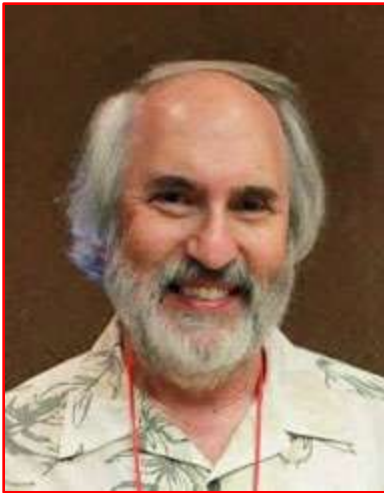


January 26, 2016

ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS

Instructor

Questions, Comments, Suggestions, or Concerns?



Team Projects

- Work with diligence
- Inform me of your team's progress – meet or email



Artificial Legs from Sears

Artificial Legs at Half Price.

More than 500 artificial legs, the best artificial legs made, have been furnished to customers at a saving of from \$40.00 to \$60.00. If you need an artificial leg, do not buy or order one until you have first seen our **Special Artificial Leg Pamphlet**. It will give you plain but complete information on the latest, best and most improved artificial legs. We can save you from \$40.00 to \$60.00 and guarantee to furnish you the best, the most practically constructed—in fact the highest grade artificial legs that can be made.

Do not fail to send for our Artificial Leg Pamphlet, sent free to our customers on request.



This illustration shows how to take the length from the end of the stump (above knee amputation) to the floor.

RESNA Assistive Technology Student Design Competition

The RESNA Student Design Competition (SDC) is an annual competition that has showcased creative and innovative assistive technology designs that help people with disabilities function more independently for over 30 years. Student teams represent a wide variety of disciplines including mechanical, electrical, and biomedical engineering; computer information science; special education; architecture; physical and occupational therapy; and other fields of study.

Registration is now open for the 2016 Competition. By registering, student teams are indicating their intent to submit their final project by **Monday, April 11th**.

Prizes - Semi-finalist teams win a trip for two team members to the [RESNA annual conference](#) (July 12-15 in Washington, DC) and a free membership to RESNA. One design, judged to be the most commercially viable, will receive a cash prize and product development consultation.

More information can be found on the [Student Design Competition website](#).





Miscellany



- Next Tuesday – Tour of VA Palo Alto Health Care System
 - Spinal Cord and Brain Injury Services
 - Assistive Technology Center
- Due to space limitations, it is only open to enrolled students and community carpool drivers.
- Who has to leave early?



Student Passenger Signup Sheet for VA Field Trip

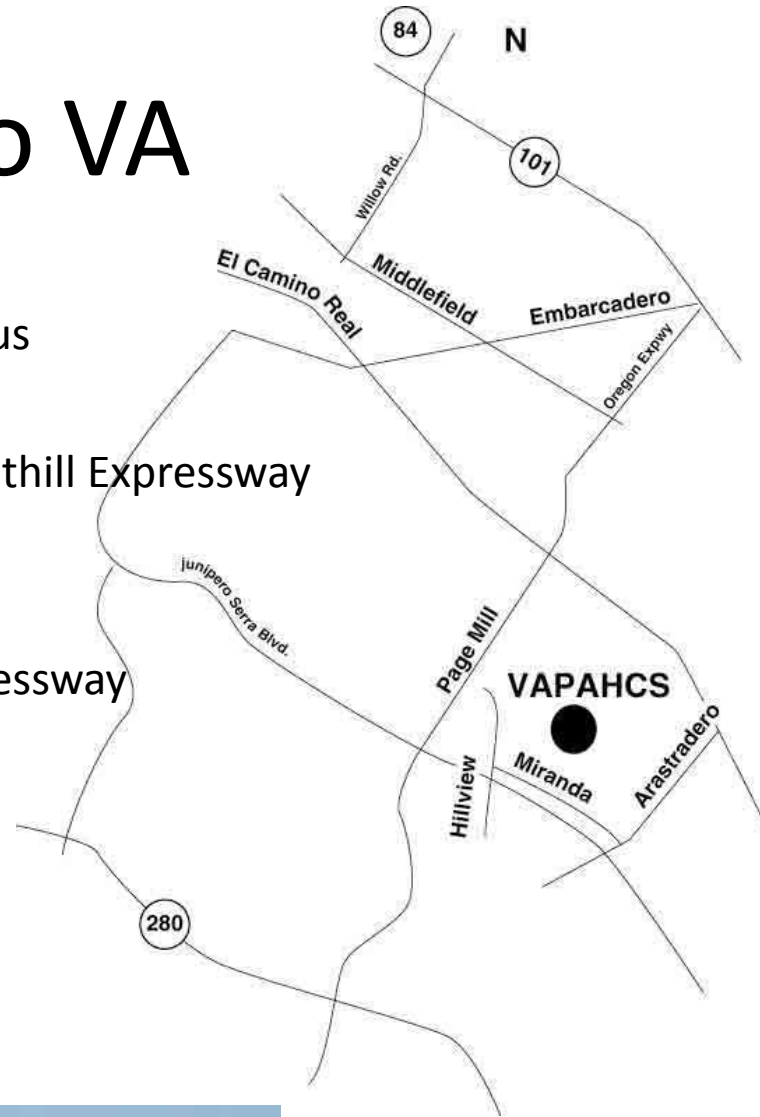
Tuesday, February 2, 2016

Passenger Signup Sheet			
VA Palo Alto Health Care System			
Tuesday, February 10 th			
Driver's name, cell & email:	Dave Jaffe	650/892-4464	davejaffe@stanford.edu
Car make, model, color:	Black Acura Integra		
Pickup time and place:	Thornton 110 - departs 4:15pm		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
Driver's name, cell & email:	James Bui	951/834-8170	jamesbui@stanford.edu
Car make, model, color:	Honda Fit		
Pickup time and place:	Thornton 110 - departs 4:15pm		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
Driver's name, cell & email:	John Van Peborgh	650/319-5659	jmvp00@aol.com
Car make, model, color:	Audi - Beige		
Pickup time and place:	Thornton 110 - departs 4:15pm		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
Driver's name, cell & email:	Tom Grojean	651/226-4871	tgrojean@stanford.edu
Car make, model, color:	Mercedes C300		
Pickup time and place:	Thornton 110 - departs 4:15pm		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
Driver's name, cell & email:	Dan Berschinski	770/842-7778	danber@stanford.edu
Car make, model, color:	Red Audi A4		
Pickup time and place:	Thornton 110 - departs 4:15pm		
Passengers:	1. Name: _____	Cell: _____	
	2. Name: _____	Cell: _____	
	3. Name: _____	Cell: _____	
	4. Name: _____	Cell: _____	

Let me know if you are a solo driver 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

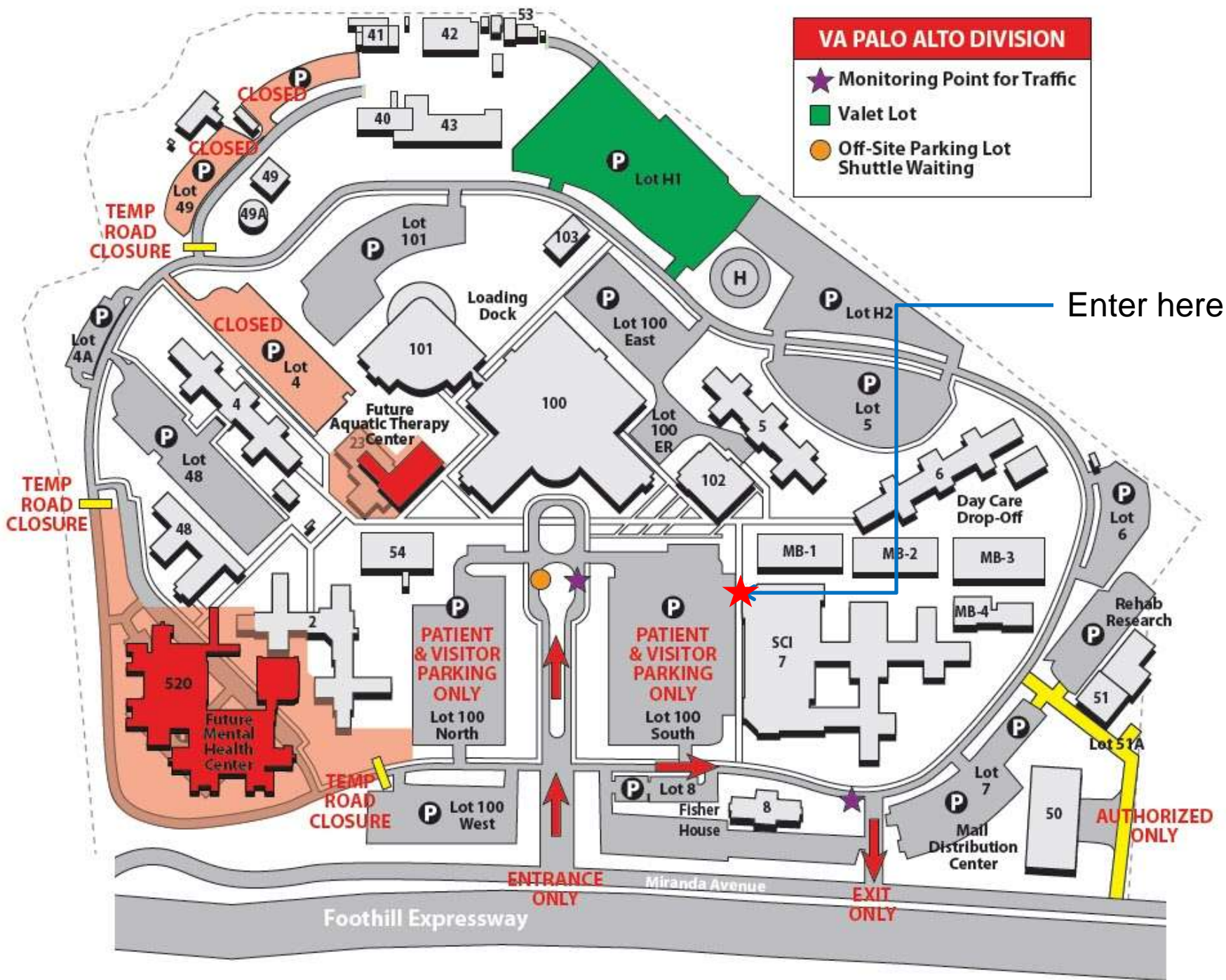


Flying In



VA PALO ALTO DIVISION

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



Enter here

ENTRANCE ONLY

EXIT ONLY

AUTHORIZED ONLY

Pre-lecture Discussions

1. 24 - Ethical / Moral Dilemmas Related to Disability
2. 22 - Assistive Robotics
3. 20 - In the News
4. 18 - Vintage Assistive Technology
5. 17 - **Ten Commandments of Making**
6. 12 - Assistive Technology Device Review
7. 7 - The Upside of Failure
7. 7 - Who is Disabled?
9. 6 - Suffering
10. 5 - More on the Design Development Process
11. 3 - Video Theatre

10 Commandments of Making

Adam Savage took a few minutes on Sunday, May 18th at the 2014 Maker Faire Bay Area to share what he feels are the “10 Commandments of Making”. Braving the somewhat precarious elevated stage of the crowd favorite Life-Sized Mousetrap, Adam addressed the audience with bits of wisdom and jewels of experience. It was obvious from the laughter that many of these insights and observations struck close to home.



10 Commandments of Making

Here is the short version of the commandments according to Adam:

1. Make something
2. Make something useful
3. Start right now
4. Find a project
5. Ask for help, advice, and feedback
6. Share
7. Recognize that discouragement and failure is part of the project
8. Measure carefully
9. Make things for other people
10. Use more cooling fluid!



Thursday's Lecture

Designing Beyond the Norm to Meet the Needs of All People

Peter W. Axelson, MSME. ATP, RET



Optional dinner at Max's

Today



A Personal and Historical Perspective on Creative Thinking and Design with a Focus on Seniors

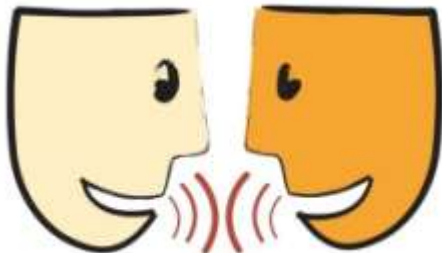
Barbara Beskind



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

