

February 13, 2020

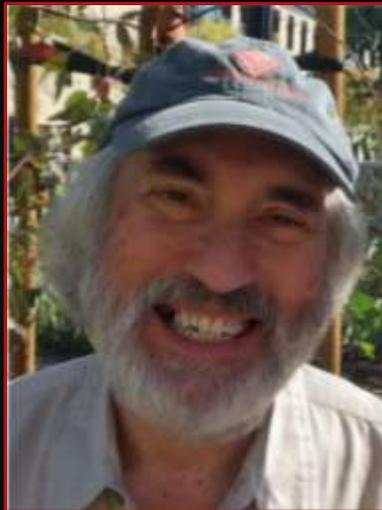
Improving Home Environments for Older Adults

Matteo Zallio, M.Arch, PhD



ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS

Instructor

14

Years

# Questions?



Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them.





# Car Pool Drivers' Signup for Field Trip to VA Medical Center on Tue, Feb 25th



- ▶ Students and **community members**: Please indicate your availability to drive students to this field trip. Unless otherwise arranged, the departure point from Stanford is the Littlefield Center.
- ▶ **Let me know if you are a solo driver so I can send you a map.**
- ▶ **Passenger signup on Tuesday**
- ▶ **Maps**

**Field Trip to VA Palo Alto Health Care System  
Tuesday, February 25th**

Please indicate **by number** if

1. You do not plan to attend
2. You will be a carpool driver - sign up on Driver List attached
3. You will be a carpool passenger - sign up on Passenger List on Tuesday
4. You will be a driver or passenger not participating in a carpool
5. You will bike or use another form of transportation

	<i>Alvarenga, Wilmer Leonardo</i>
	<i>Arcibal, John Mitchel Caguicla</i>
	<i>Aw, Nicole</i>
	<i>Bernardo, Mizrahy Aquino</i>
	<i>Bravo Illanes, Gabriela</i>
	<i>Cheng, Grace Vivian</i>
	<i>Chiu, Daniel Laurent</i>

**Car Pool Drivers' Signup Sheet - 2020**

Field trip: Tuesday, February 25th - VA Palo Alto Health Care System

Students and community members: Please indicate your availability to drive students to this field trip venue. Unless otherwise arranged, the departure point from Stanford will be the Littlefield Center.

**If you are biking, driving solo, or driving with specific classmates, please let me know.**

Driver's name:	Dave Jaffe
Cell phone:	650/892-4464
Car model & color & number of passengers:	Black Honda Civic Si - 3

Driver's name:	_____
Cell phone:	_____
Car color, model, and number of passengers:	_____
Available for early return @ 5:40:	<input type="checkbox"/> - Yes

Driver's name:	_____
Cell phone:	_____
Car color, model, and number of passengers:	_____
Available for early return @ 5:40:	<input type="checkbox"/> - Yes

# Upcoming class sessions



- ▶ Tue, Feb 18<sup>th</sup> - From Idea to Market: Eatwell, Assistive Tableware for Persons with Cognitive Impairments
- ▶ Thu, Feb 20<sup>th</sup> - Assistive Technology Faire
- ▶ Tue, Feb 25<sup>th</sup> - Field Trip to VA Palo Alto Spinal Cord Injury and Brain Injury Services
- ▶ Thu, Feb 27<sup>th</sup> - Designing Exoskeleton and Prosthetic Limbs that Enhance Human Performance



# Discussion Topic Preferences



- 33 - Assistive Robotics - Robotic technology benefitting people with disabilities and older adults
- 28 - In the News
- 24 - **Ten Commandments of Making - Adam Savage's Maker Faire video**
- 23 - ~~Ethical / Moral Dilemmas Related to Disability~~
- 22 - ~~Product Pricing~~
- 21 - Overview of Accessibility - How this design feature relates to products, with many examples
- 21 - The Upside of Failure - Learning from prototypes that didn't work
- 16 - ~~Vintage Assistive Technology - Products and devices from the past~~
- 16 - Video Theatre - Watch and discuss videos of new products and prototypes
- 14 - Who is Disabled? - Making a determination with limited information
- 10 - Innovative Marketing Metrics - How we use words to measure and advertise
- 7 - Famous people with disabilities - Focus on TV characters

# 10 Commandments of Making



Adam Savage took a few minutes on Sunday, May 18<sup>th</sup> 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!



Tuesday, February 18th



*From Idea to Market: Eatwell, Assistive Tableware for Persons with Cognitive Impairments*

Sha Yao

Sha Design

# Today



## *Improving Home Environments for Older Adults*

Matteo Zallio, M.Arch, PhD

Fulbright Scholar

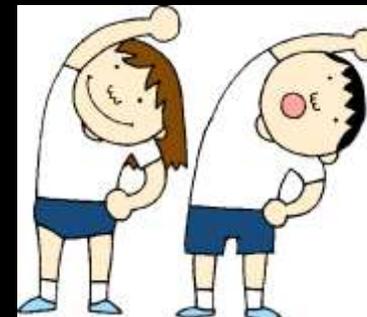
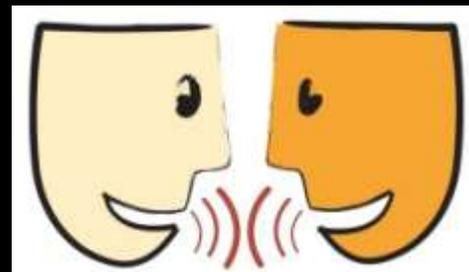
# Short Break



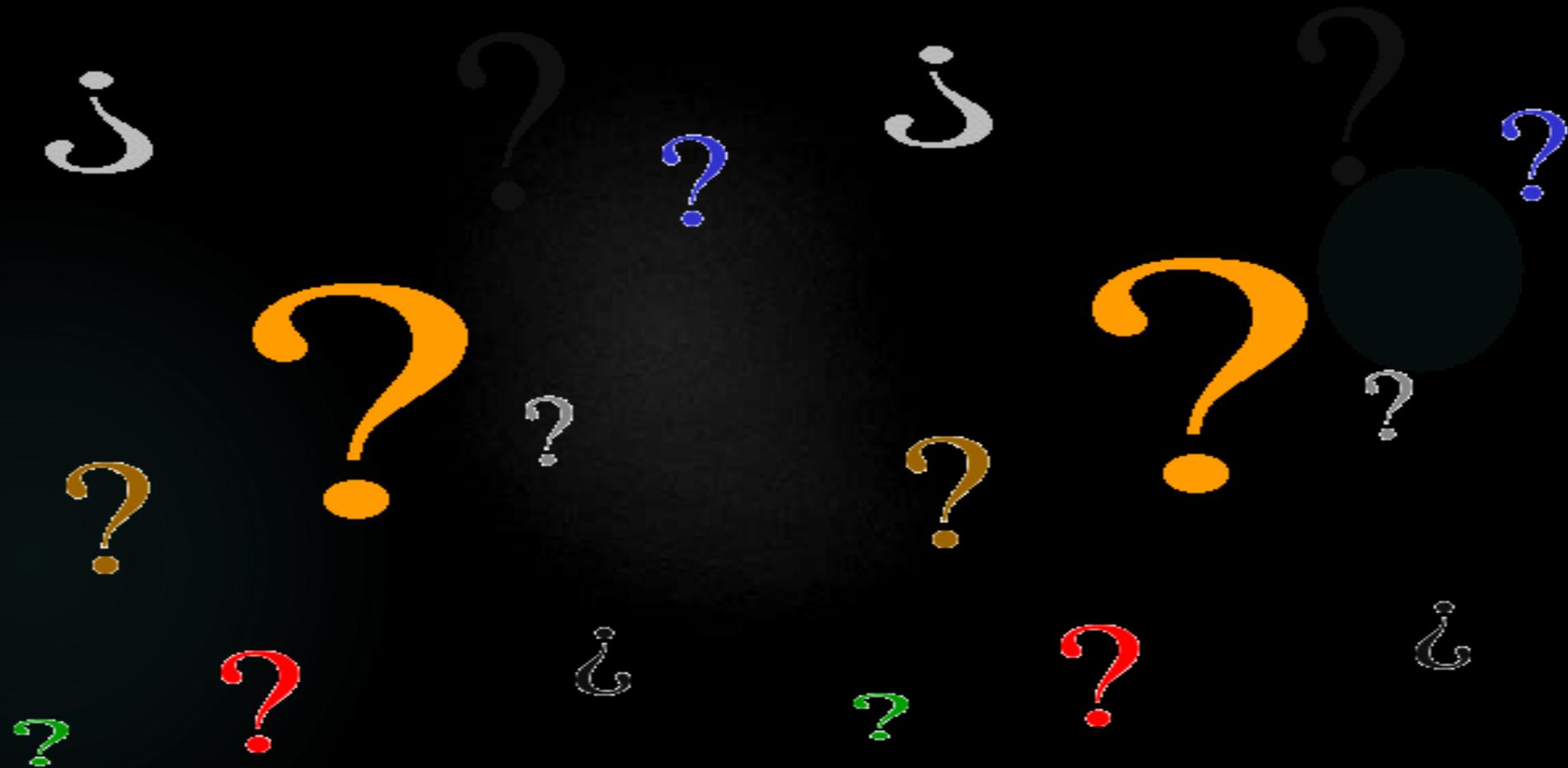
# Break Activities



- ▶ 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



# Questions?



Adjourn



class dismissed



# Laptops Galore



# Time for Questions?



End the class

