

March 9, 2017



ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS
Instructor



Final Questions, Comments, Suggestions, or Concerns?



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

Fixed



Fixed: The Science / Fiction of Human Enhancement is available on DVD for overnight loan by students



Week 9



- Wrap up fabrication, perform final user testing
- Focus on presentation
- Final team presentations on **Tuesday - March 14th**
- Project demonstrations next **Thursday - March 16th**



Final Presentations - Tuesday



- ▶ Cover your entire quarter's effort
- ▶ Tell the entire story, but focus on what you have achieved since the mid-term
- ▶ Emphasize how your project addresses the problem
- ▶ 7 minutes, no demos, no audience questions
- ▶ Show your prototype in your slides - point to features
- ▶ **Email PowerPoint slides to Dave by noon Tuesday**
- ▶ One video of prototype in use
 - ▶ Upload video to YouTube and include its link in your slides
- ▶ Dress professionally
- ▶ Be prepared to evaluate other teams' presentations



Dress Professionally

- ▶ No t-shirts, sweatshirts, hoodies
- ▶ No flip-flops, sandals
- ▶ No shorts, jeans, holes in pants
- ▶ No baseball caps



Mark Zuckerberg

“Each item of clothing makes a statement about who you are”

“Dress for the grade you want”



No Jacket
Required



Perform Professionally

Starting now, you will be evaluated as a professional, no longer as a student



Presentation Order

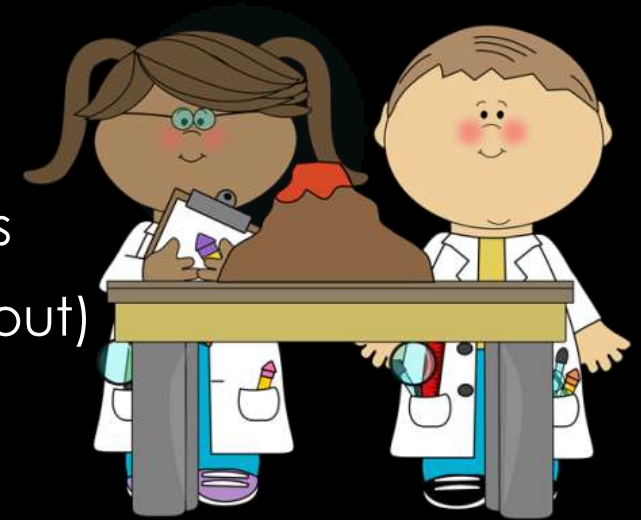
1. **Ranger Stick** - Pickup Sticks Project
2. **All of the Lights** - Magical Bridge Playground Project
3. **Nearpod X** - Life Skill Lesson
4. **RefleX** - Orthotic Rebound Shock Project
5. **Robotikids** - Art Tools Project
6. **Le Joy Masters** - Magical Bridge Playground Project
7. **Plug & Play** - Plugs for Molly Project
8. **Sock It to Me!** - Add-a-sock Project
9. **Dancing Our Way to Health** - Dance Therapy Project



Project Demonstrations - Thursday



- ▶ Bring all prototypes to class
- ▶ Meet in classroom to fill out a course evaluation form
- ▶ Gibbons Grove (if not raining) - tables and picnic benches
- ▶ No posters or handouts - informal “trade show” presentations
- ▶ Demonstrate prototype’s functionality (make sure I check it out)
- ▶ Check out other teams’ projects
- ▶ Burritos & drinks
- ▶ Community members attending
- ▶ Invite project suggestors, users, friends who contributed to your project’s success
- ▶ Bring laptop to show additional videos and images of your process (charge laptop, no AC available)



Project Considerations

- ▶ Your prototype should be functional, but not necessarily ready for market
- ▶ Contingency plans if things don't work out
- ▶ Add a team or Stanford logo
- ▶ Never apologize for what you did or what you were not able to achieve
- ▶ Mention future plans
- ▶ Remember “Everything is a prototype”



Course Evaluations



1. Dave's in-class evaluation on Thursday
2. VPTL's evaluation - online
3. Haas Center for Public Service's Cardinal Course Student Survey - handout today



	Strongly Agree	Agree	Disagree
The instructor had a nice haircut.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor knew how to cook.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a good singing voice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shaving cream was used.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dogs were permitted in class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a masculine nose.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Final Report



- ▶ Cover your entire quarter's work
- ▶ Include material from mid-term report
- ▶ Consider mid-term report mark-ups
- ▶ Due week of March 20th



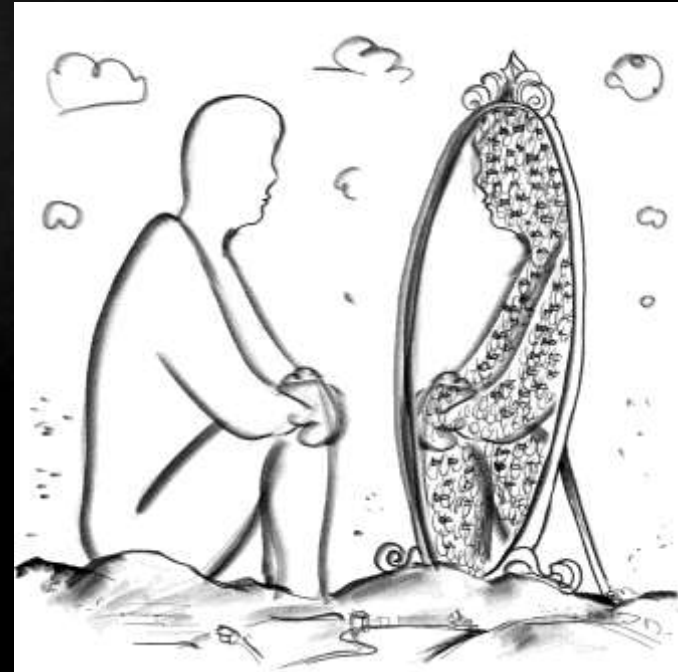
Individual Reflection



- ▶ How you felt about your course, project, team experience
- ▶ Due week of March 20th

We do not learn from
experience... we learn
from reflecting on
experience.

- John Dewey



Today



Wheelchair Fabrication in Developing Countries

Ralf Hotchkiss



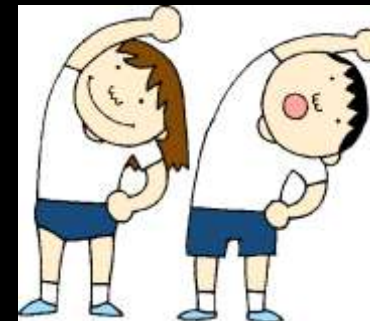
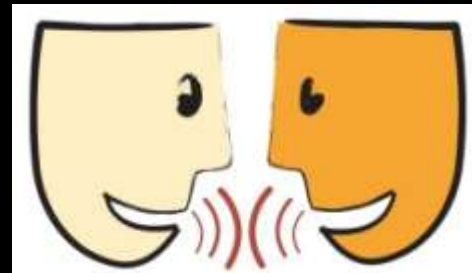
Short Break



Break Activities



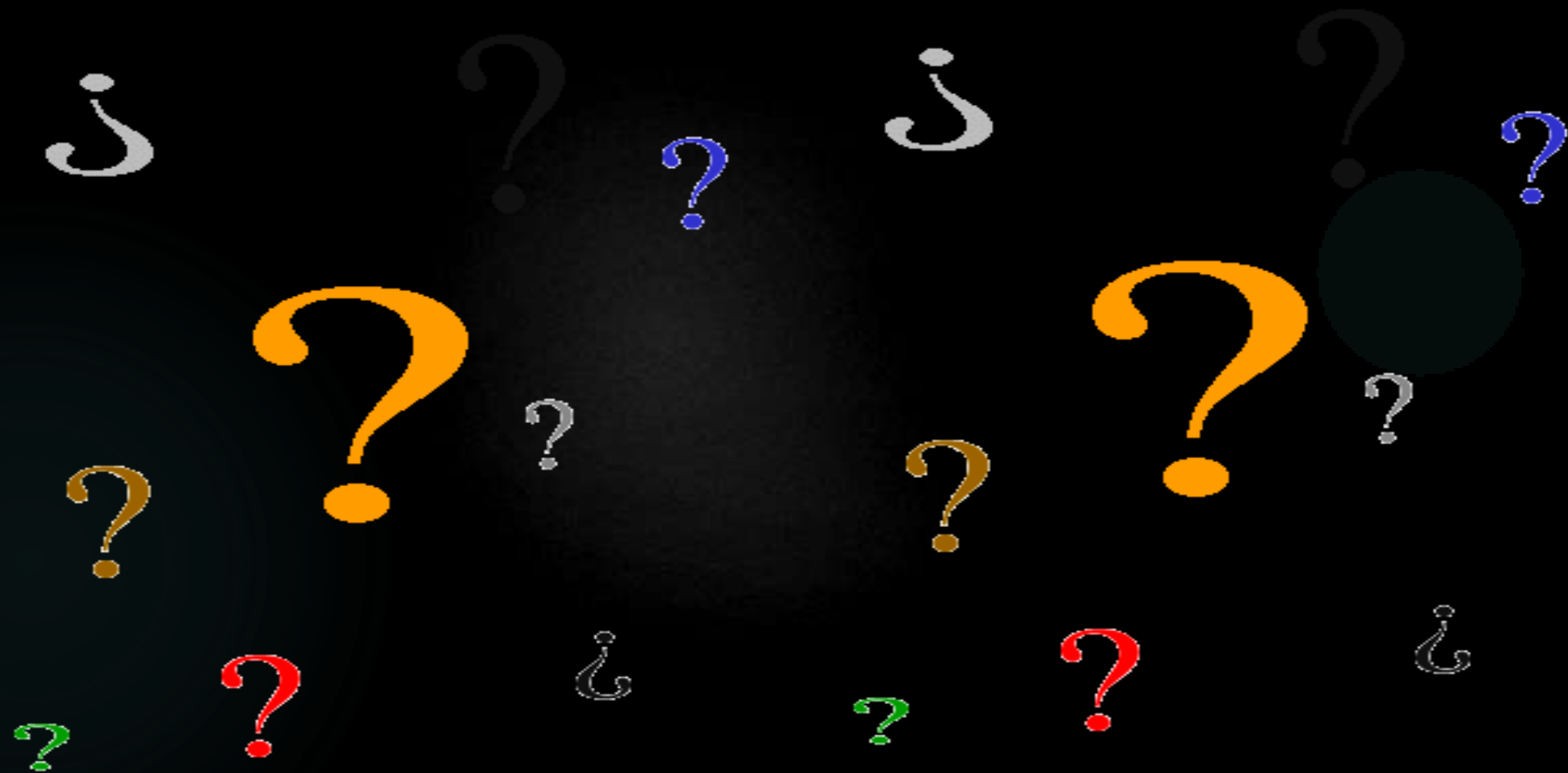
- ▶ Sign attendance sheet
- ▶ Grab a cookie
- ▶ Stand up and stretch
- ▶ Take a bio-break
- ▶ Text message, web-surf, email
- ▶ Talk with classmates
- ▶ Reflect on what was presented in class



Class
Dismissed!



Questions?



Adjourn



class dismissed



Laptops Galore

