

March 3, 2020

*Film Screening*

*Fixed: The Science / Fiction of Human Enhancement*



# ENGR110/210

## Perspectives in Assistive Technology



David L. Jaffe, MS  
Instructor

14  
Years

# Welcome to this Film Screening



- ▶ Sponsored by the **Mechanical Engineering Design Group**
- ▶ In collaboration with **Perspectives in Assistive Technology**
- ▶ This Winter Quarter course explores the design, development, and use of technology that benefits people with disabilities and older adults in the local community
- ▶ In this course, students from many disciplines learn about disability, assistive technology, and rehabilitation from guest lecturers and field trips to local medical and engineering facilities.
- ▶ Students also have the opportunity to work on team or individual projects that benefit people with a disability and older adults in the local community. Through their project efforts, they learn how to work in teams, engage with the local community, solve problems through an engineering design process, practice oral and written communication skills, exercise critical thinking, and gain confidence in their abilities - all important as they transition from students to professionals.

# 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.





# Reminder - Work with Diligence



- ▶ Time is your team's most precious resource
- ▶ 7 days until project presentations!
- ▶ 9 days until project demonstrations



# Week 10 Class Sessions

- ▶ Tue, Mar 10<sup>th</sup>  
Student Team Project Final Presentations
- ▶ Thu, Mar 12<sup>th</sup>  
Student Team Project Demonstrations,  
Course Evaluations, and Celebration



# Thursday, March 5th



## Wheelchair Fabrication in Developing Countries

Ralf Hotchkiss

Whirlwind Wheelchair International

# Today's Film



Fixed: The Science / Fiction of Human Enhancement

2014 - 61:00



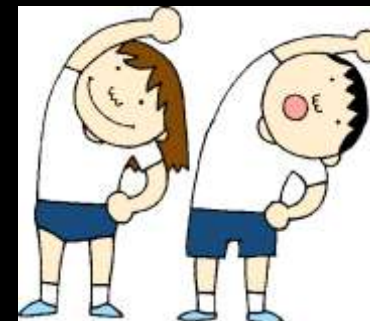
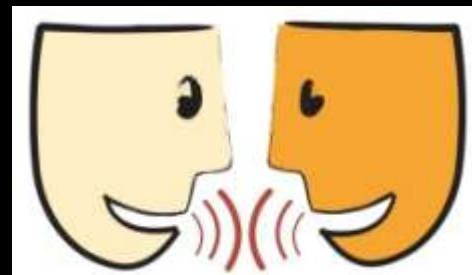
# Short Break



# 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



# Fixed

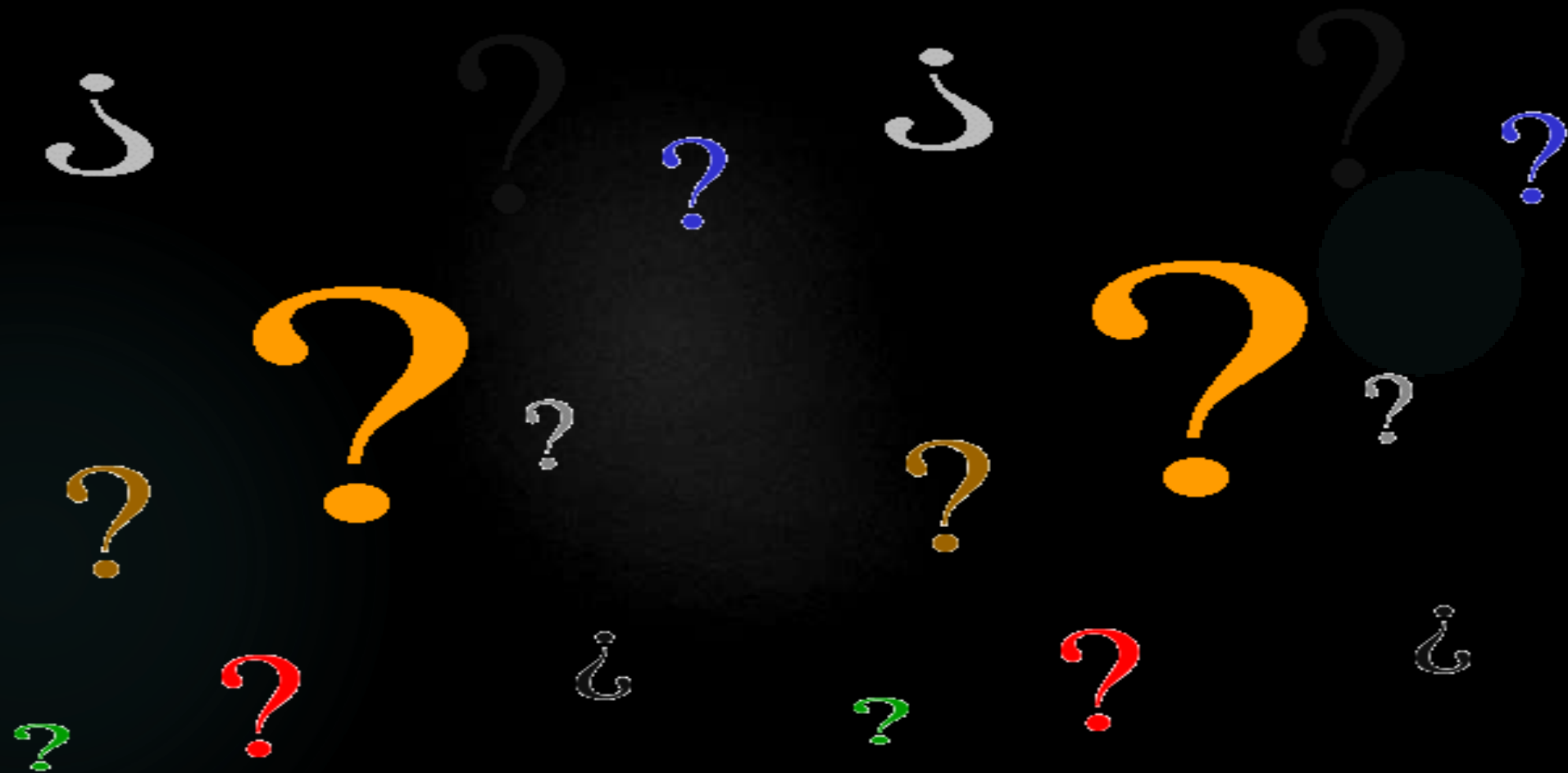


## Fixed: The Science / Fiction of Human Enhancement 2014 - 61:00

From bionic limbs and neural implants to prenatal screening, researchers from around the world are hard at work developing a myriad of technologies to fix or enhance the human body. This film takes a close look at the drive to be “better than human” and the radical technological innovations that may take us there.



# Questions?



Adjourn



class dismissed





# Laptops Galore



# Time for Questions?



End the class

