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# ENGR110/210

## Perspectives in Assistive Technology



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# Questions, Comments, Thoughts?



# Administrative Issues

- Student Programs at the Haas Center for Public Service



# Who is Disabled?

- A group of very intelligent and motivated young adults don't have jobs.
- They are an extreme financial burden to their families.
- They are under-educated, most with no current employment prospects.
- They are Stanford students



# Who is Disabled?



- A world-class professor is hired by Stanford University.
- He has organized an excellent education program.
- His overwhelming administrative responsibilities prevent him from full participation in his courses and relationships with his students and colleagues.

# Who is Disabled?



- An individual of limited financial means has a severe disability for which there is no cure and there are no assistive devices available to restore lost functionality.
- Students have fabricated a new assistive device for this individual.



- A single crude prototype exists, but the device is not commercially available.
- The students form a company and manage to obtain venture capital to bring this device to market.
- The individual wants to obtain the product, but the health insurance company decides not to provide reimbursement for it.

# Assistive Technology Boogie



This is a multi-media production that celebrates assistive technology through music and animation with open captioning and audio description. Assistive technology includes the wide array of devices and systems that help people with disabilities accomplish functional tasks including mobility, communication, access to information, and activities of daily living.

“AT Boogie” is the result of collaboration between Jeff Moyer; animator Haik Hoisington; and Jim Tobias, president of Inclusive Technologies, a New Jersey-based assistive technology consulting firm.



# Thursday

Student team projects mid-term presentations





# Today



Peter W. Axelson, MSME, ATP, RET  
**Designing Beyond the Norm to Meet  
the Needs of All People**

# Adjourn

