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ENGR110/210

Perspectives in Assistive Technology



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Professor Drew Nelson



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Questions, Comments, Thoughts?



Did You Miss a Required Lecture?

- Review lecture audio, videos, handouts, weblinks, and slides on course website
- Email me a 1 – 2 page summary of the lecture including your thoughts
- Upon receipt of your summary, I will credit you with “attending” the lecture

Projects

- Team projects
 - Group name & Project name
- Individual projects
 - Pursue a paper design of an assistive technology device
 - Research an assistive technology topic
 - Interview an individual with a disability

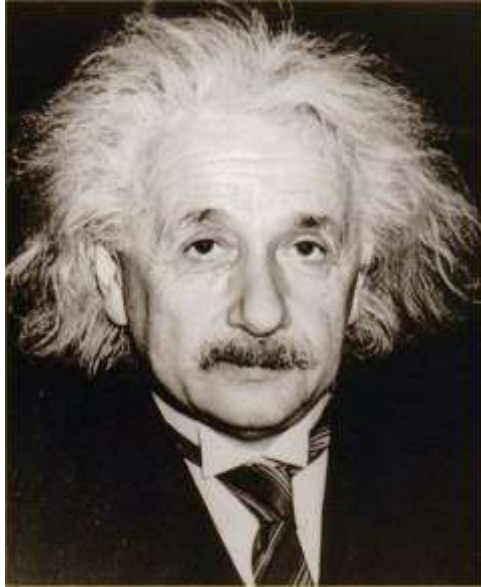
Resources & Expenses

- Resources
 - Project suggestors
 - Individuals with a disability who would benefit from the project
 - Coaches
 - Doug Schwandt, Debbie Kenney, and Dave
 - PRL & Room 36
- Project expenses

Lectures

- Evaluations:
 - End-of-term survey
 - Comments and reflections

Famous People with Disabilities



Albert Einstein
Physicist
Learning Disability



Annette Funicello
Mouseketeer
Multiple Sclerosis



Bob Dole
Senator
Paralysis

Some are / were disabled from birth or from an early age.

Famous People with Disabilities



Christopher Reeve
Actor
Spinal Cord Injury



Franklin D. Roosevelt
President
Polio



Helen Keller
Author
Deaf-Blindness

Others became disabled after they achieved notoriety.

Famous People with Disabilities



Itzhak Perlman
Violinist
Polio



Jay Leno
Comedian
Dyslexia



Jim Abbott
Pitcher
Congenital Deformity

They pervade all aspects of our society.

Famous People with Disabilities



John Callahan
Cartoonist
Spinal Cord Injury



Jose Feliciano
Musician
Blindness



Josh Blue
Comedian
Cerebral Palsy

They contribute to society's diversity.

Famous People with Disabilities



Lou Ferrigno
Actor
Hearing Impairment



Lou Gehrig
Baseball Player
ALS



Ludwig Von Beethoven
Composer
Hearing Loss

They contribute with their underlying talent and abilities.

Famous People with Disabilities



Magic Johnson
Basketball Player
HIV



Marlee Matlin
Actress
Hearing Impairment



Mary Tyler Moore
Actress
Diabetes

Talent and the ability to contribute trumps disability.

Famous People with Disabilities



Michael Jackson
Performer
Vitiligo



Michael J. Fox
Actor
Parkinson's Disease



Mohammad Ali
Boxer
Parkinson's Disease

Ability and talent comes from education and opportunity.

Famous People with Disabilities



Moses
Religious Leader
Speech Impediment



Ray Charles
Musician / Singer
Blindness



Richard Pryor
Comedian
Multiple Sclerosis

Access to education is a key issue.

Famous People with Disabilities



Sammy Davis Jr.
Performer
Lost Eye



Stephen Hawking
Physicist
ALS



Stevie Wonder
Singer / Songwriter
Blindness

Acceptance in society is another important concern.

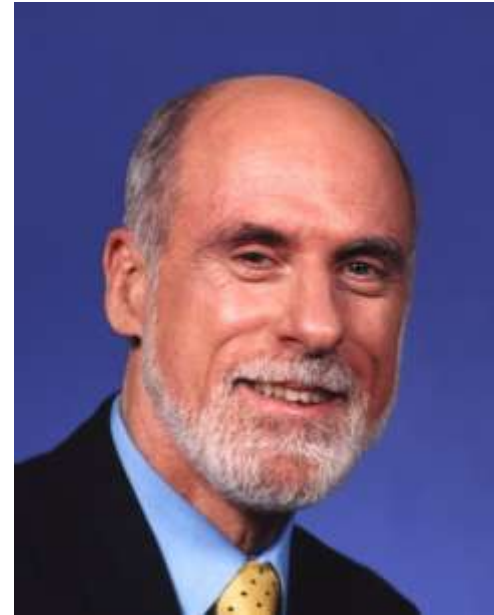
Famous People with Disabilities



Larry Leifer
Professor
Hearing Impairment



Tom Kane
Professor Emeritus
Multiple Impairments



Vint Cerf
Internet Evangelist
Hearing Impairment

Assistive technology is instrumental in gaining access to education and functioning in the real world.

Famous People with Disabilities



Teri Adams
Assistant Director OAE
Wheelchair User



TV Raman
Google Researcher
Blindness



Peter Axelson
Rehab Engineer
Paraplegia

Assistive technology can overcome limitations in sensing, communication, mobility, and manipulation.

Famous People with Disabilities



David Patterson
Governor of NY
Blindness



Ralf Hotchkiss
Engineer
Paraplegia



Bethany Hamilton
Surfer
Lost Arm

Assistive technology levels the field so that an individual's talent and skills can flourish.

Tuesday



Elna R. Tymes - Los Trancos Systems
Why Assistive Technology is Important to Seniors

Today



Angelo, Matt, Fiona, and Nicole
**Perspectives of Stanford Students with a
Disability**

Adjourn

