

February 4, 2014

# ENGR110/210

## Perspectives in Assistive Technology



David L. Jaffe, MS



Margaret Mongare

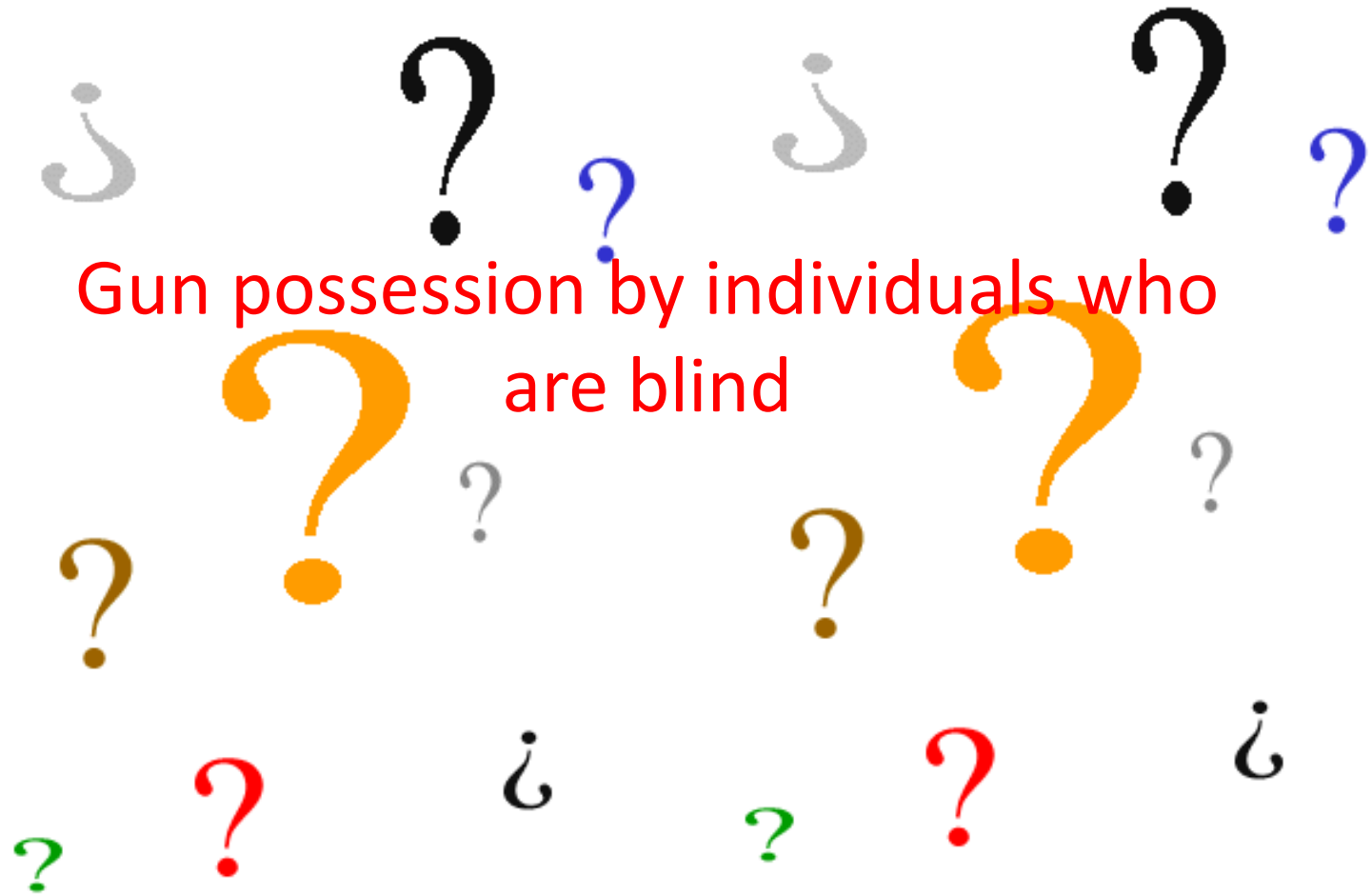


Professor Drew Nelson



Proadpran P. Punyabukkana, PhD

# Questions?



Gun possession by individuals who  
are blind

# Today's Handouts, Signup Sheets, and Fillout Forms

For all students:

- Attendance List - important to verify your attendance at every class session

For all students and community members:

- Class Session Evaluation Form

**ENGR110/210 Enrolled Student Attendance List**  
January 7, 2014

Name of Enrolled Student	Email address - @statefor.edu	Name of Enrolled Student	Email address - @statefor.edu
Agarwal, Arun		Frasone, Jon Thomas	
Balaban, Igor		Frederic, Victoria	
Banerjee, Siddha Parvati		Fruess, Colton James	
Bayer, Tim Lewis		Furman, Steve Stephen	
Boehmer, Lynn Katherine Marie		Gardner, Karl	
Boyle, Kevin Andrew		Garman, Tegan	
Burke, Ryan Paul		Geisler, David Michael	
Canak, Ian Nicholas		Geisler, Matthew William Nelson	
Casal Bruna, Yvonne Barbara		Greenblatt, Chad	
Chu, Tian 1		Hart, Brian Henry	
Collins, Ryan Alexander		Harris, Matt	
Conners, Chris Loren		Healy, Jerry Eric	
Cooper, Christopher Scott		Heineke, Matt DeWayne	
Daly, Travis			
Daly, Andrew John			
DeLong, Eric Michael			
Doehring, Joseph Ryan			
Duffy, Luke Eric			
Dunkley, Brent Phillip			
Edwards, Jason Andrew			
Ellis, Matt Ross			
Fleming, Matthew			
Fleming, Ryan Nicholas			
Ford, Michael			
Franklin, Cole David			
Gallant, Tim Francis			
Gardner, Jordan Devin			
Geisler, Matt DeWayne			
Geisler, Tegan			

**Perspectives in Assistive Technology - 2014**  
**Class Session Evaluation**

Lecture 01a: *Course Overview & Introduction to Assistive Technology – David L. Jeffe, MS*

Are you an enrolled student?  - Yes

The purpose of this questionnaire is to help the teaching team assess today's class session. Please rate the following issues -

**Speaker:**

- speaking volume, understandability, ease of following concepts and arguments, clarity of explanations
- quality of PowerPoint slides, use of supporting media (videos) and presentation aids (Show&Tell items)
- stage presence, knowledge of topic, preparedness
- presentation structure, organization, pace and management of allotted time
- opportunity for questioning and class engagement
- provided good answers, examples, and demonstrations

**Content:**

- topic interest
- relevance to the broad scope of assistive technology
- presentation of new information
- appropriate level of detail and technical content
- overall value of presented material

Please use the [back of this page](#) to answer the following questions and to provide any additional comments, especially if you found the class session to be either 0 or 5.

What are your thoughts and observations about the entire class session?  
What concepts did you especially like or wish were covered in more detail?

# Upcoming Lectures

- Thu - Feb 6<sup>th</sup> – Issues of Human Interface Design (about Prosthetics)
- Tue - Feb 11<sup>th</sup> – Assistive Technology Faire
- Thu - Feb 13<sup>th</sup> – **Student Team Project Mid-term Presentations**
- Tue – Feb 18<sup>th</sup> – VA Tour
- Thu – Feb 20<sup>th</sup> – Assistive Technology Opportunities in Autism
- Tue – Feb 25<sup>th</sup> – Motion & Gait Lab Tour
- Thu – Feb 27<sup>th</sup> – Designing Beyond the Norm to Meet the Needs of All People
- Tue – Mar 4<sup>th</sup> – Aesthetics Matter in Assistive Technology & Starting an Assistive Technology Company
- Thu – Mar 6<sup>th</sup> - Wheelchair Fabrication in Developing Countries
- Tue – Mar 11<sup>th</sup> – Student Team Project Final Presentations
- Thu – Mar 13<sup>th</sup> – Project Demos, Course Evaluation, and Celebration

# Important Weblinks

- Course website
  - <http://enr110.stanford.edu/>
- Lecture schedule
  - <http://enr110.stanford.edu/schedule.html>
- Anonymous Suggestion Box
  - <http://enr110.stanford.edu/suggestion.html>
- Course syllabus
  - <http://enr110.stanford.edu/syllabus.html>
- Example project report
  - <http://enr110.stanford.edu/ProApps.pdf>
- Mid-term project assignment
  - <http://enr110.stanford.edu/assignment1.html>
- Final project assignment
  - <http://enr110.stanford.edu/assignment2.html>
- Individual project assignment
  - <http://enr110.stanford.edu/assignment.html>

# Miscellany



1. “Meet with Dave” sign-up sheet
2. Driver signup sheet for field trips:
  - Tue Feb 18<sup>th</sup> - VA (Palo Alto)
  - Tue Feb 25<sup>th</sup> - Motion & Gait Analysis (Menlo Park)
3. Weekly project progress – by email and/or meeting
  - Show me your sketches and prototypes
4. Mid-term project presentations will be 5 minutes per team
  - Signup sheet on Thursday
5. Weekly Information emailed on Fridays
  - Apologize for sending text mode
  - Sections for:
    - All students
    - Students working on team projects
    - Students working on individual projects
    - Students taking the course CR/NC
  - Highlight new items
  - Indicate important reminders

# Thursday



Gary M. Berke, MS, CP, FAAOP

**Issues of Human Interface Design**

# Today



Allison M. Okamura, PhD and  
David L. Jaffe, MS



**Rehabilitation and Assistive Robotics**



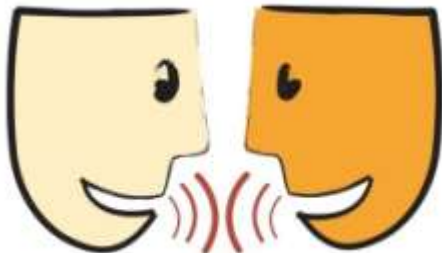
# Short Break



# Break Activities



- Stand up and stretch
- Take a bio-break
- Text message
- Web-surf
- Respond to email
- Talk with classmates
- Reflect on what was presented in class



# Short Break

