February 20, 2014

ENGR110/210
Perspectives in Assistive Technology

David L. Jaffe, MS

Margaret Mongare

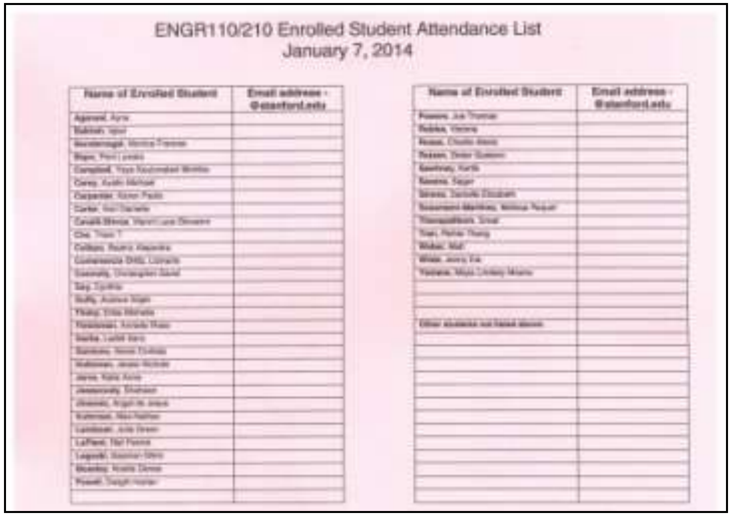
Professor Drew Nelson

Proadpran P. Punyabukkana, PhD

Questions?

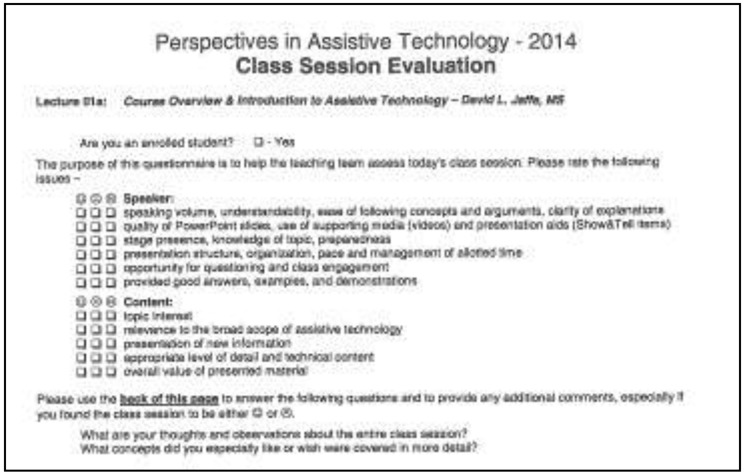
Today’s Handouts, Signup Sheets, and Fillout Forms

- For all students: Attendance List
- Assignment 2 Handout for students working on a team project
- Driver & passenger signup sheet for tour of Motion & Gait Analysis Lab – Tuesday, February 25th
- 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 - @stanford.edu	Name of Enrolled Student	Email address - @stanford.edu



Perspectives in Assistive Technology - 2014
Class Session Evaluation

Lecture 01a: ***Course Overview & Introduction to Assistive Technology – David L. Jaffe, 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 ☺ or ☹.

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

- Tue – Feb 25th – Motion & Gait Analysis Lab Tour – Students & Drivers only
- Thu – Feb 27th – Designing Beyond the Norm to Meet the Needs of All People
- Tue – Mar 4th – Aesthetics Matter in Assistive Technology & Starting an Assistive Technology Company
- Thu – Mar 6th - Wheelchair Fabrication in Developing Countries
- Tue – Mar 11th – Student Team Project Final Presentations
- Thu – Mar 13th – Project Demos, Course Evaluation, and Celebration

Important Weblinks

- Course website
  - http://engr110.stanford.edu/
- Lecture schedule
  - http://engr110.stanford.edu/schedule.html
- Anonymous Suggestion Box
  - http://engr110.stanford.edu/suggestion.html
- Course syllabus
  - http://engr110.stanford.edu/syllabus.html
- Example team project report
  - http://engr110.stanford.edu/ProApps.pdf
- Final team project assignment
  - http://engr110.stanford.edu/assignment2.html
- Individual project assignment
  - http://engr110.stanford.edu/assignment.html

Grades

1. Mid-term report and presentation together account for 30% of course grade.
2. Presentations are scored, not “graded”.
3. Reports are marked up and rated “good”, “very good”, or “excellent”.
4. Mid-term report and presentation should be considered “practice” for final report and presentation (which each account for 30% of course grade). Consider presentation comments and report markups.
5. Final grade considers reports, presentations, and participation.
6. Missed lectures that are not made up have an impact on an student’s grade.
7. Previous years’ students got “A” or “A-” because they put in a significant effort into their projects, presentations, and reports – and they participated in class discussions.

Missed Lectures

- The in-class lectures are a vital component of ENGR110/210 Perspectives in Assistive Technology course.
- If you are taking the class for one-unit (either with or without a letter grade), you must attend at least 10 lectures, including the first one.
- With the three-unit option, you are required to attend all the class sessions.
- Any missed mandatory lectures must be made up. Failure to do so will have an impact on the student's grade.

Missed Lectures

- Missed lectures may be made up by first reviewing the lecture recorded audio, slides, any handouts, any videos, any weblinks, and photos posted on the lecture webpage.

- Then either:
  - Write a summary of the missed lecture of 1 - 2 pages in length that includes an overview of the lecture content as well as your comments, thoughts, and reflections about the material. (What was especially interesting, surprising, how it made you feel, etc.) Email the text or Word document to me within a week of the missed lecture. Please don't use a large font, double-spacing, or wide margins.
  - Arrange to meet with me to discuss the missed lecture. Be prepared to lead the conversation with questions, comments, and thoughts. This should take about 15 minutes.

- After I receive and read your emailed submission or met with you, I will credit you with "attending“ the missed class lecture.

Miscellany

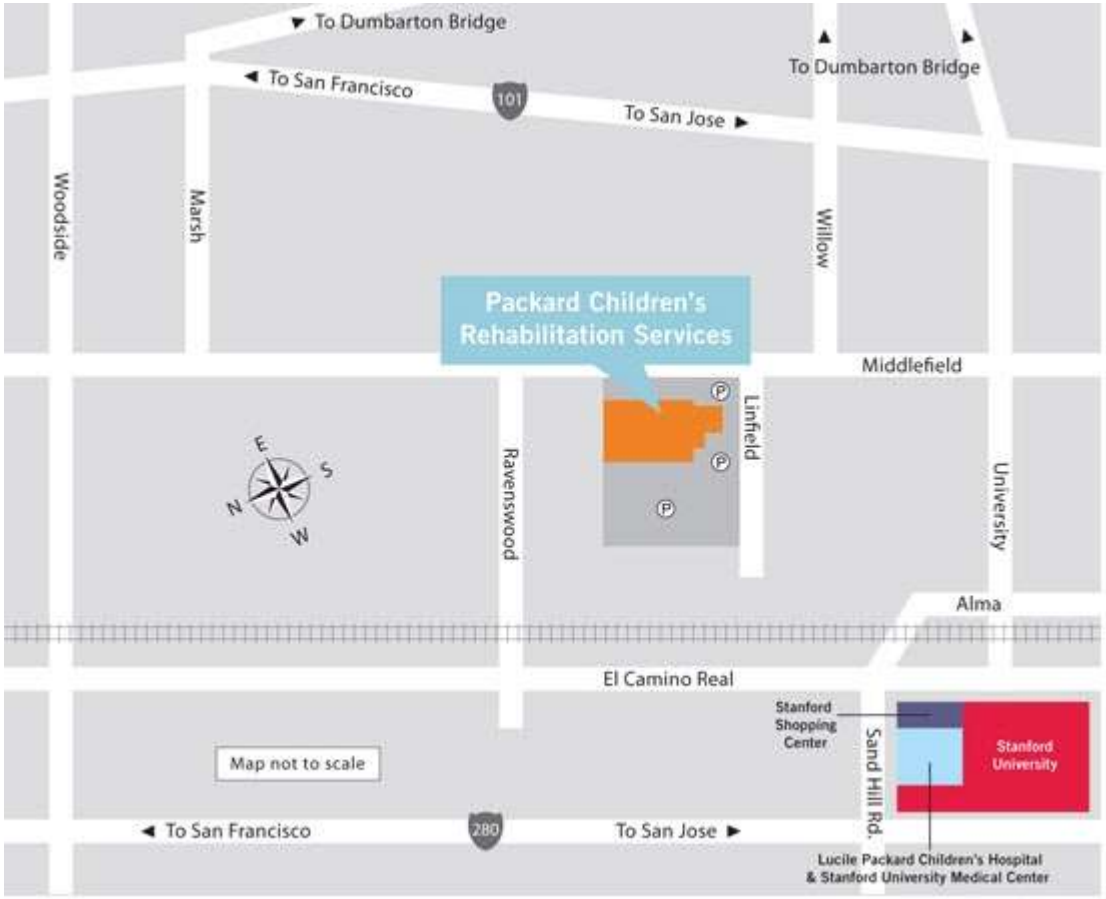
1. RESNA Student Design Competition
2. Project Home Stretch
3. “Meet with Dave” sign-up sheet
4. Driver and passenger signup sheet for field trip:
   - Tue Feb 25th - Motion & Gait Analysis (Menlo Park)
5. Weekly project progress – by email and/or meeting
   - Show me your sketches and prototypes
   - Show me your report and presentation drafts
   - Get another project perspective from Margaret or Proadpran

Tuesday

Jessica Rose, PhD & Katelyn Cahill-Rowley

Tour of Motion & Gait Analysis Lab

Motion & Gait Analysis Laboratory



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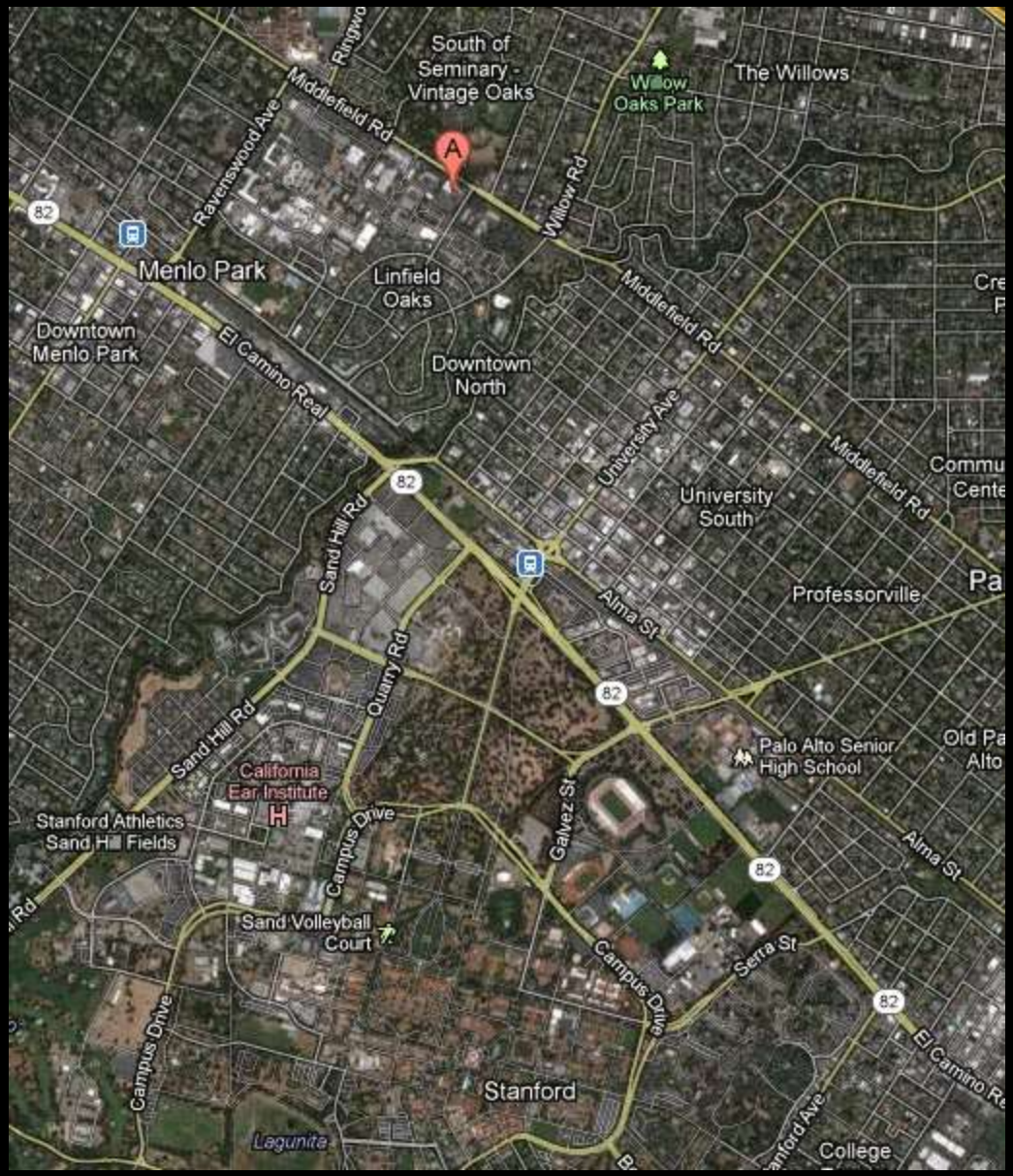
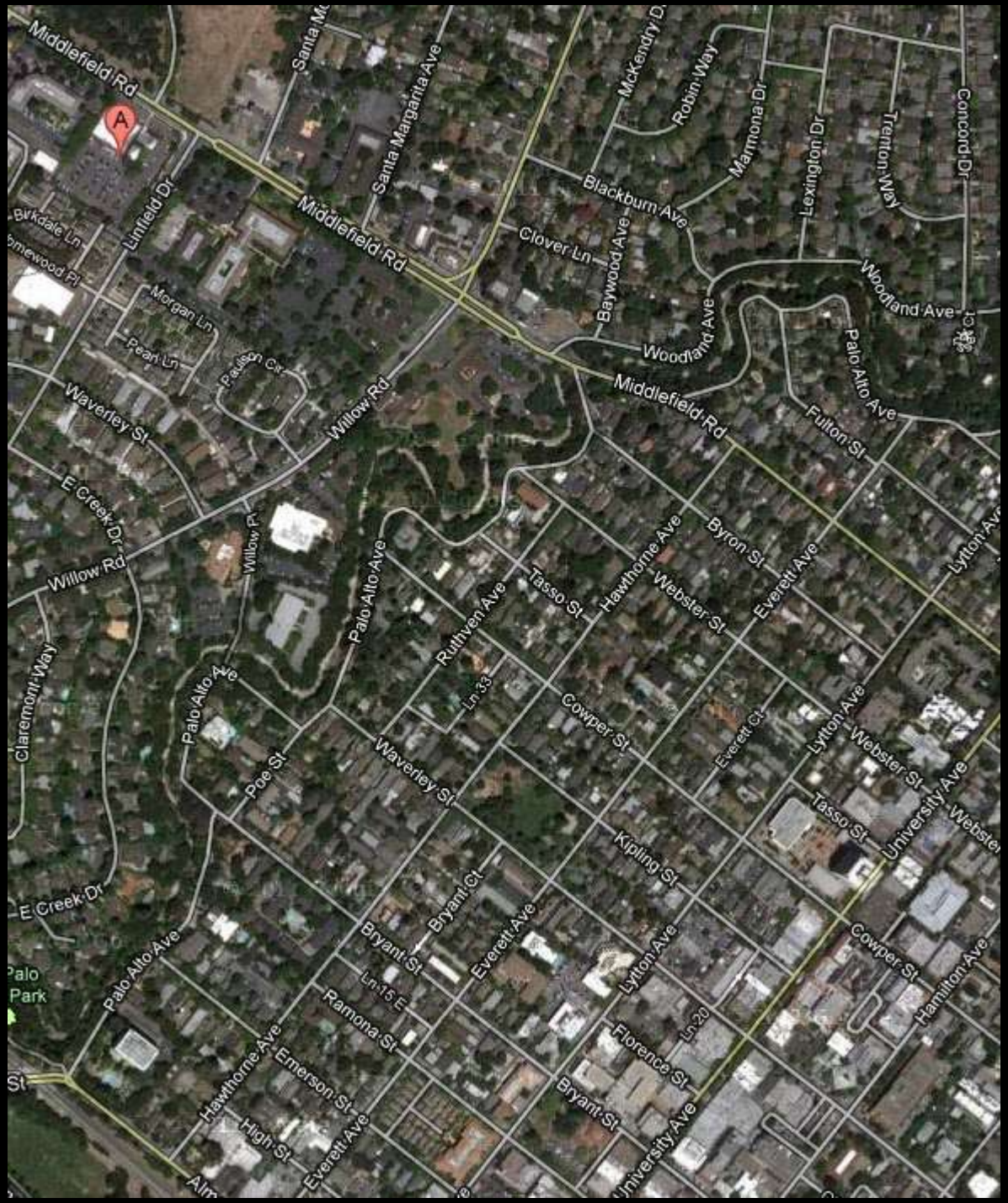
Menlo Park, CA 94025


South of Seminary - Vintage Oaks
Willow Oaks Park
The Willows
Middlefield Rd
Ravenswood Ave
Willow Rd
A
82
Menlo Park
Linfield Oaks
Downtown Menlo Park
El Camino Real
Downtown North
University Ave
University South
Professorville
Alma St
Sand Hill Rd
Quarry Rd
Palo Alto Senior High School
California Ear Institute
Stanford Athletics Sand Hill Fields
Campus Drive
Galvez St
Sand Volleyball Court
Serra St
Stanford
Lagunita
College


A
Middlefield Rd
Santa Margarita Ave
McKendry Dr
Robin Way
Marmona Dr
Lexington Dr
Trenton Way
Concord Dr
Blackburn Ave
Clover Ln
Baywood Ave
Woodland Ave
Limfield Dr
Birkdale Ln
Homewood Pl
Morgan Ln
Pearl Ln
Paulson Cir
Willow Rd
Waverley St
E Creek Dr
Palo Alto Ave
Fulton St
Byron St
Everett Ave
Lytton Ave
Webster St
Hawthorne Ave
Tasso St
Ruthven Ave
Willow Pl
Claremont Way
Poe St
Cowper St
Ln 33
Everett Ct
University Ave
Kipling St
Bryant Ct
Bryant St
Ln 15 E
Ramona St
Florence St
Ln 20
Hamilton Ave
Emerson St
High St
Palo Park


Middlefield Rd
Santa Monica Ave
Middlefield Rd
Santa Margarita Ave
A
Beyond Basics
Medical Practice
Arsan Realty
3I Financing
Birkdale Ln
Burnell Ln
Linfield Dr
301
E Homewood Pl
176
Morgan Ln
Morgan Ln
Pearl Ln
300
200


Spectrum
Equity Investors
Foundation
Capital
Menlo Medical
Center
A
Beyond Basics
Medical Practice
Menlo Park Fire
District Prevention
Santa Monica Ave
Middlefield Rd
Delphix Corp
3I Financing
Burnell Ln
Linfield Dr
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Middlefield Rd
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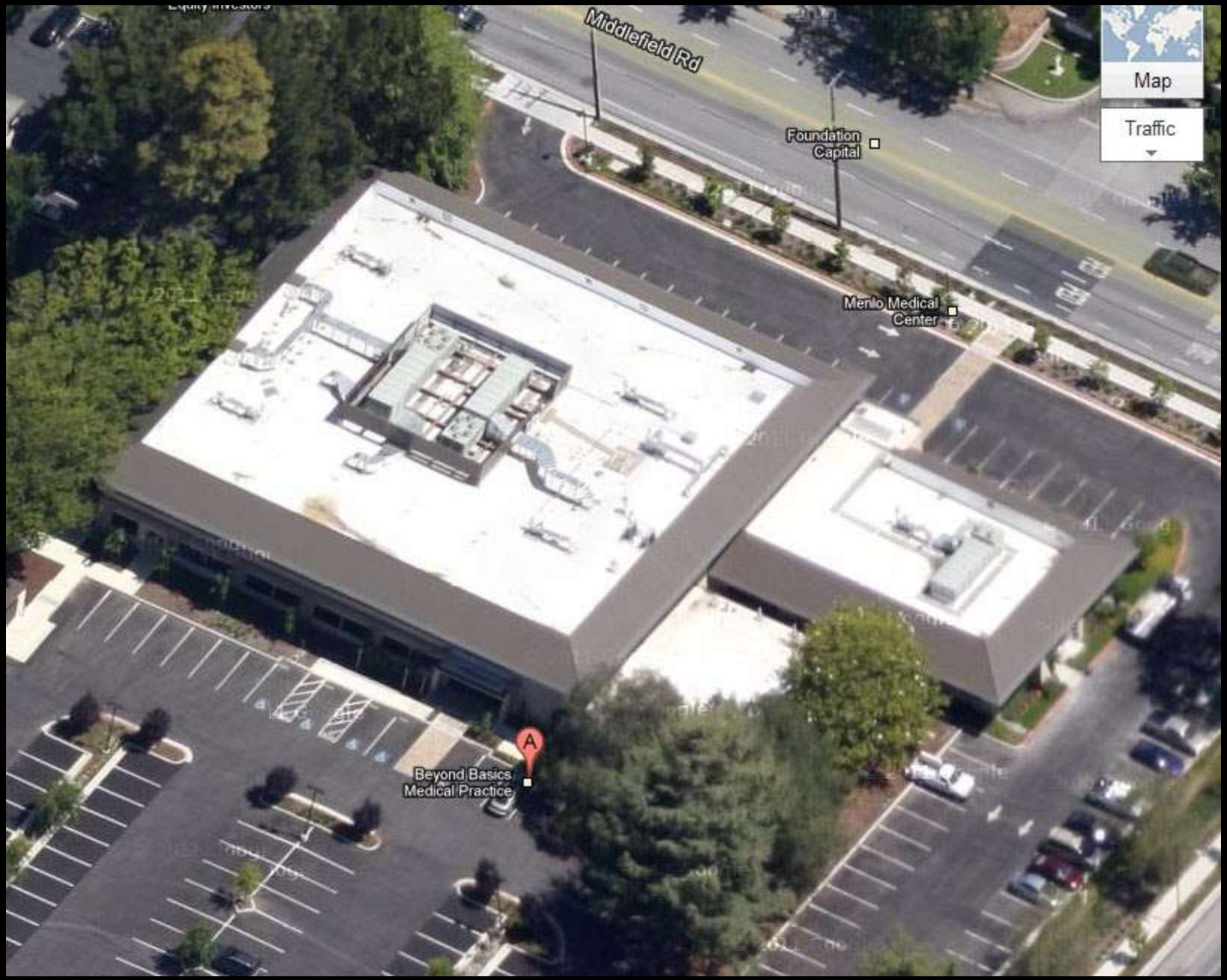

Middlefield Rd
Foundation Capital
Merlo Medical Center
A
Beyond Basics Medical Practice
Map
Traffic

A
Beyond Basics
Medical Practice

Today

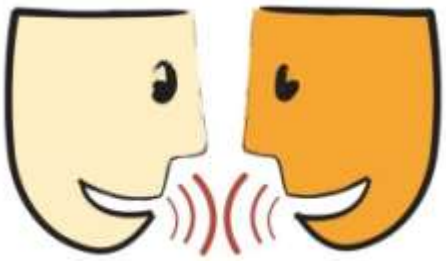
Kurt Ohlfs

Assistive Technology Opportunities in Autism

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