

February 21, 2012

ENGR110/210

Perspectives in Assistive Technology



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Professor Drew Nelson



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Items

1. Mid-term evaluations returned to teams – what you should take away
2. Mid-term reports - due in class today
3. Passenger signup list to Motion & Gait Analysis Lab in Menlo Park on Thursday
4. Can anyone who is driving individually leave early?

Fun with Ethics

Making Decisions

1. Everyone evaluates situations and makes decisions everyday
2. As one gets older, these decisions more frequently involve and affect others
3. Tough decisions are often made using a complex combination of upbringing, economics, religion, law, notion of what is right, politics, and personal experience

Situation 1

You are a biomedical engineer in a spinal cord injury ward. An occupational therapist approaches you with a patient request. The patient, an individual with quadriplegia, wants a device that would enable him to independently smoke a cigarette.

What do you do?

Situation 2

You are a sign language interpreter for a deaf woman. Her communication includes a lot of obscenities which causes you a lot of embarrassment and distress.

What do you do?

Situation 3

You are an expectant parent of a child who has been diagnosed – through fetal genetic testing - with a disease that will cause early death or disability.

What do you do?

Situation 4

As a doctor, would you approve a transplant for a child with a cognitive disability?

Situation 5

As a concerned citizen, would you condone the marriage and subsequent parenthood of a couple, both with developmental disabilities?

Thursday



Jessica Rose, PhD

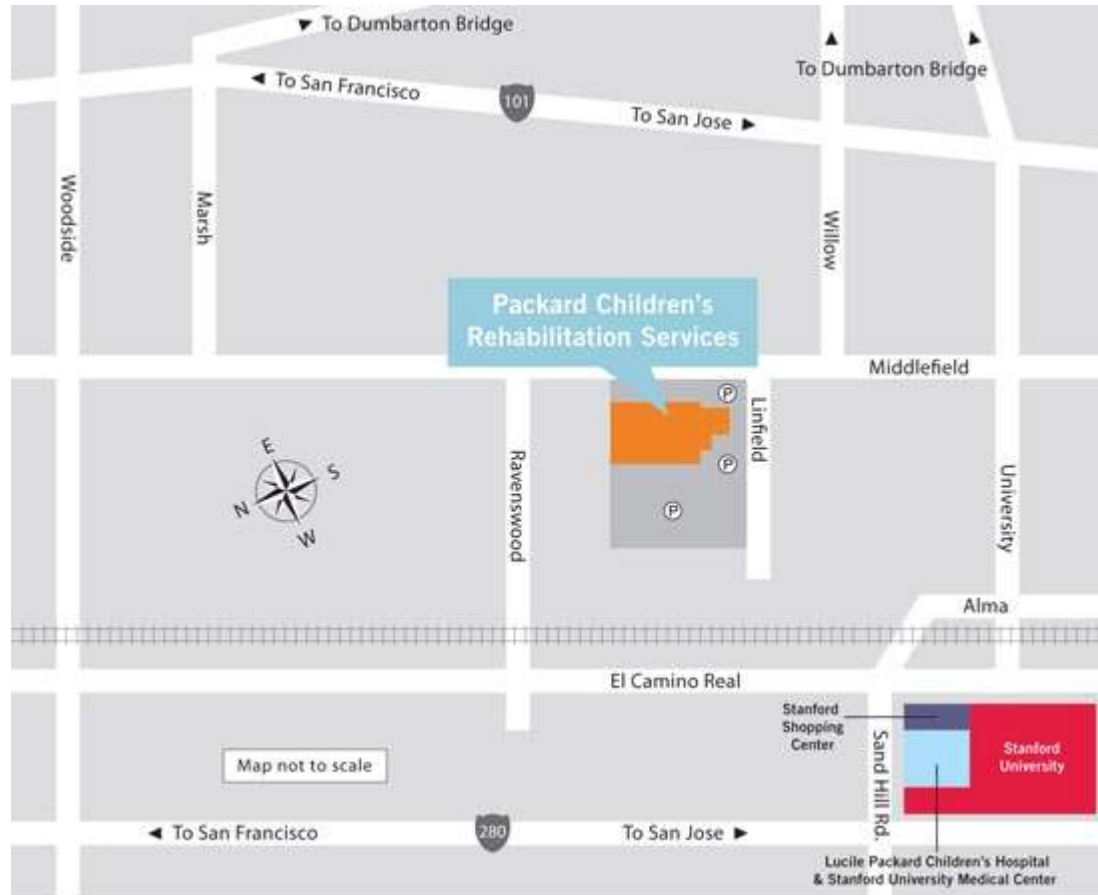
and

Adam Sheppard, BS, MM, MA



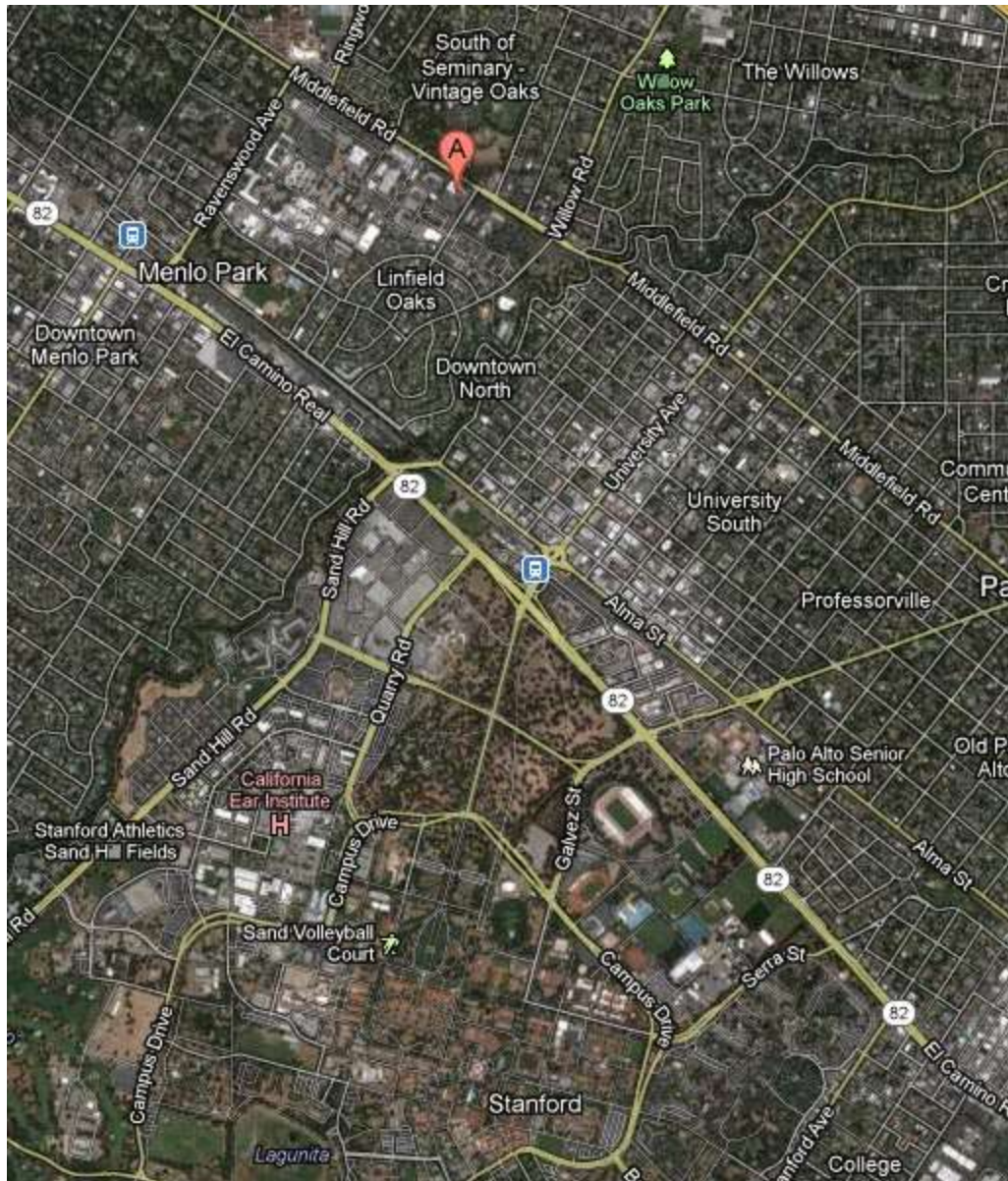
Tour of Motion & Gait Analysis Lab

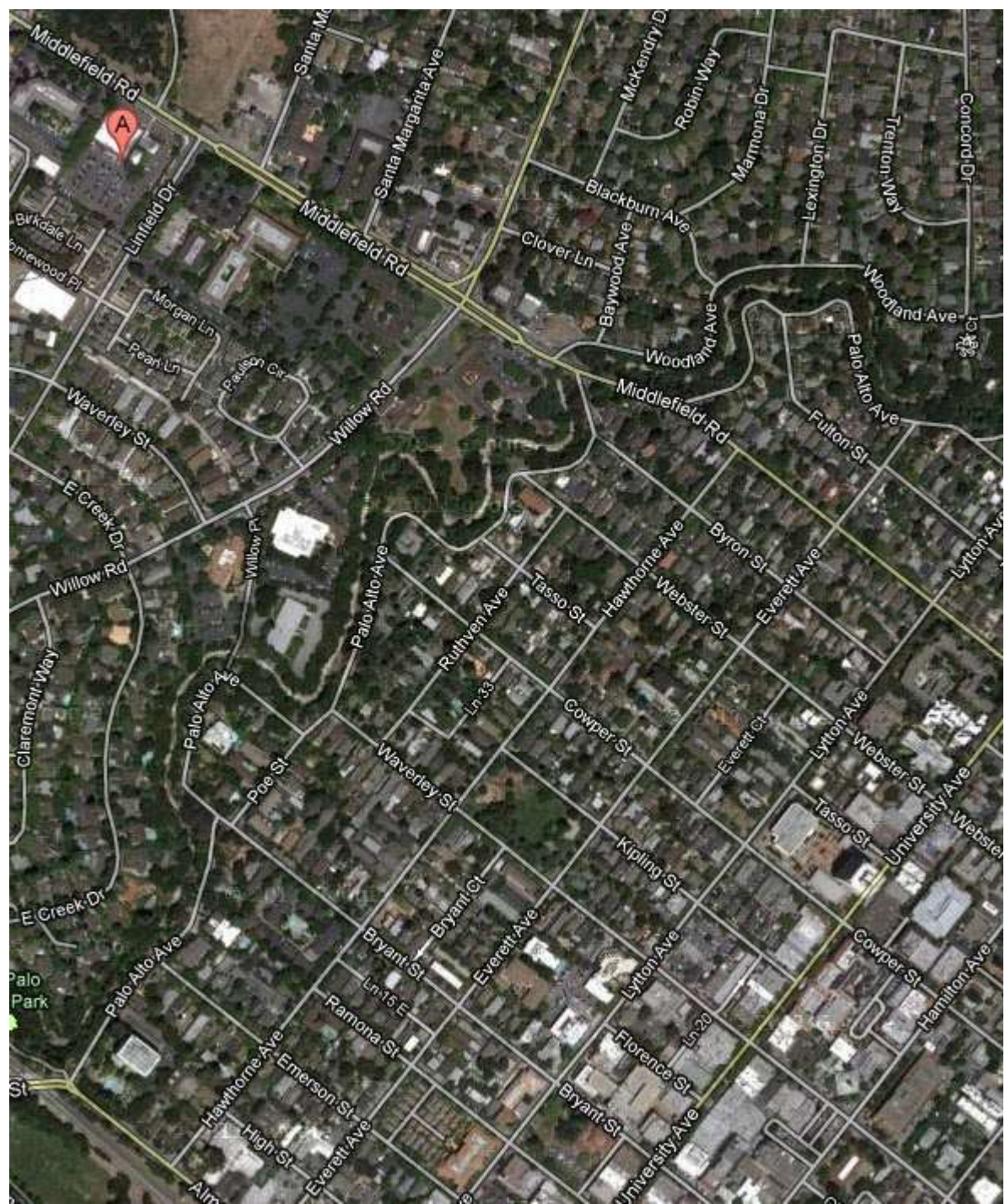
Motion & Gait Analysis Laboratory



[Link](#)

321 Middlefield Road, Suite 130
Menlo Park, CA 94025





Middlefield Rd

Middlefield Rd

Middlefield Rd

Palo Alto Ave

Palo Alto Ave

University Ave

A

Middlefield Rd

Linfield Dr

Morgan Ln

Waverley St

E Creek Dr

Willow Rd

Claremont Way

E Creek Dr

Palo Alto Ave

Palo Park

St

Santa Margarita Ave

Blackburn Ave

Willow Rd

Palo Alto Ave

Poe St

Waverley St

Bryant St

Ramona St

Emerson St

High St

Everett Ave

Alm

Blackburn Ave

Baywood Ave

Woodland Ave

Middlefield Rd

Ruthven Ave

Tasso St

Cowper St

Kipling St

Lytton Ave

Florence St

Bryant St

University Ave

Robin Way

Marmona Dr

Woodland Ave

Fulton St

Byron St

Webster St

Everett Ct

Lytton Ave

Webster St

Tasso St

Cowper St

Hamilton Ave

Concord Dr

Woodland Ave

Palo Alto Ave

University Ave

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University Ave









Middlefield Rd

Foundation Capital

Menlo Medical Center

Beyond Basics Medical Practice

A

Map
Traffic



Today



Ray Grott, MA, ATP, RET
San Francisco State University

**Practical and Appropriate Technology
Solutions**

Short Break

