

# **CS 378: Autonomous Intelligent Robotics (FRI)**

Dr. Todd Hester

Are there any questions?

# Logistics

- Post for teammates on Piazza
  - Project topics, skills
- Lab tour last week
- **BWI Lab - GDC 3.414B**
  - Working on getting you card access to north wing
- **Next assignment**
  - Ball following
  - On the actual robot
  - Groups of 2-3 students

# Logistics

- Joshua Bongard talk last Friday
- Talk this Thursday
  - Greg Dudek
  - Robot Teams to Assist Humans in Scientific Discovery
  - ACES 2.401, 11 am

# Today

- Readings
- Kalman Filters

# Readings

- Wiki Responses
  - Don't forget to state which paper you read!!!
  - Please put title, authors, and year
- Selecting papers
- Reading papers

# Readings

- Particular insights?
- Work that might be useful for our project?
- What's missing in these research projects?
- How can we extend/modify what you read to our project?
- Ideas/Challenges that we haven't considered?

# Readings

- Similar Projects
- Vision and Face Detection/Tracking
- Localization and SLAM
- Motion/Path Planning
- Multiple Robot Coordination
- Human Robot Interaction



# Thursday

- Please post partner search on Piazza