PBN
Practical Body Networking
Drew Carpenter
What is it?

- Activity awareness
  - What is the User doing?
- TinyOS Mote
  - small on body sensor, 3axis, light, GPS/wifi
- Ground Truth
  - User annotations
What needs Improving

- Limited sensors on a phone
- Limited power of phones. Lack of portability of powerful computers
- Reliance on Ground Truth
- Reliance on user identified retraining
How PBN Improves.

- Turns off redundant sensors
- Web based training
- Automatic recalibration of sensors
- Limited reliance on Ground Truth
Drawbacks

- Motes are large and cumbersome
- Relies on a base station to communicate to external sensors
Questions?