

## **EE 492 Weekly Report #6**

**Date:** 03/02/2014

**Group Project:** Garmin - Energy Harvesting in Fitness Electronics

**Website:** <http://seniord.ece.iastate.edu/may1417/index.html>

**Project Number:** May14-17

**Client:** Adam Rasmussen

**Advisor:** Dr. Degang Chen

### **Group Members:**

- Tyler Chenhall – Project Leader & Foot-Pod Team Member
- Rebekah Dejmaj – Communications & Webmaster & Foot-Pod Team Member
- Catherine Homan – Research & HR Monitor Team Member
- Allison Sapienza - Research & HR Monitor Team Member
- Omer Vejzovic – Research & Foot-Pod Team Member
- Jeramie Vens - Research & HR Monitor Team Member

### **Accomplishments in the Past Week**

- Held a meeting with Dr. Chen & Adam, and went over some of Adam's concerns and questions
- Created updated schematics for the piezoelectric, thermal, and analog multiplexer circuits
- Worked on company summaries and piezoelectric testing information in the Research Document

### **Plan for the Upcoming Week**

- Finish developing the second revision of our energy harvester boards (specifically, layouts), with plans to have parts and boards ordered prior to Spring break.
- Finish going over Adam's comments, questions, and suggestions as needed
- More work on the Research Document
- Consider a few more tests on the revision 1 boards if there is time after finishing layouts

### **Pending Issues**

- None

### **Individual Hours**

- Tyler – 7
- Rebekah – 7
- Catherine – 5
- Allison – 4
- Omer – 4
- Jeramie – 13