

## **EE 492 Weekly Report #11**

**Date:** 04/13/2014

**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 Dejmal – 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 several group meetings
- Printed and laminated the poster [Note: VEISHEA demos were cancelled]
- Held the second group meeting with Dr. Amariuca
  - Took some updated pictures for the final presentation, since the professor suggested having more (and larger) visuals in our slides
- Worked on cleaning up some sections and compiling testing data for the Research Document

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

- Continue thorough testing of the revision two piezoelectric & multiplexer boards via the portable data logger
- More work on the Research Document, with a focus on adding more to the thermal sections, overall calculations, and source citations
- Assemble and begin testing thermal revision two boards if they arrive

### **Pending Issues**

- none

### **Individual Hours**

- Tyler – 5
- Rebekah – 3.3
- Catherine – 2.3
- Allison – 2.3
- Omer – 2.3
- Jeramie – 3.3