

EE 492 Weekly Report #9

Date: 03/30/2014

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 a meeting with Dr. Chen
- Assembled and checked the working revision two boards
- Investigated reordering the defunct boards (due to manufacturing errors)
- Began the final/VEISHA poster
- Worked on compiling sources and information for the Research Document
- Proofread the RF harvesting section

Plan for the Upcoming Week

- Begin thorough testing of the revision two piezoelectric & multiplexer boards via the portable data logger
- Prepare presentation materials for next week (poster for VEISHA & slides for the presentation)
- More work on the Research Document, with a focus on adding more to the thermal sections, overall calculations, and source citations
- Finish preparing for the meeting with Dr. Amariucaí on April 7th

Pending Issues

- none

Individual Hours

- Tyler – 7.7
- Rebekah – 5
- Catherine – 4
- Allison – 3.5
- Omer – 3.5
- Jeramie – 5