

## **Dec12-04 Ultrasound Brain Imaging System**

### **Weekly Report - 10 (March 27 – April 2)**

Group Members: Justin Batcheler, Jon Driggs, Francis Ferrer, Allen Kellar, Richard Page, Amairani Tapia  
Faculty Advisor and Client: Dr. Timothy Bigelow

#### **Accomplishments of the last week**

- Working on getting running simulations for the Cadence models found.
- Finished 2<sup>nd</sup> draft of the project plan.
- Put together this week's presentation.

#### **Plan for coming week**

- Have working simulations for T/R switch and DAC.
- Order circuit components.

#### **Pending issues**

- Finding a company that can supply us with a transducer.

#### **Individual contributions – identify specific tasks accomplished**

- Richard and Jon:
  - Working on finding an HV pulser.
- Amairani, Allen and Jon:
  - Working on simulating the DAC.
- Justin and Francis:
  - Working on simulating the T/R switch.

#### **Meetings**

- Group meeting on Tuesday with everyone in attendance.
- Group meeting on Wednesday with everyone in attendance.

#### **Hours**

- Below are the hours worked for each member.

	Justin	Jon	Francis	Allen	Richard	Amairani
Last Week	6	15	9	7	9	8
Cumulative	66	105	74	72	74	73