

# EE 491 Weekly Report | Dec15—02 | Week 10 3/30/2015

<b>Project Title: Human Dielectric Equivalent Model</b>	
<b>Advisor: Jiming Song</b>	<b>Client: Honeywell</b>
<b>Members (roles):</b> Jacob Schoneman (Team Leader), Cory Snooks (Communications Leader), Andrew Connelly (Webmaster), Stephen Nelson (Concept Holder).	

## **Weekly Summary:**

Tested capacitances of different thicknesses of jello. Separated torso mold. One of the arms broke off and needs to be repaired or a different approach needs to be taken. Andrew is still working on converting the binary files into HFSS.

## **Meeting Notes:**

There was not a meeting this week.

## **Pending Issues:**

Need to find a semi-rigid form for the torso solution to remain in. Need to start testing materials to get baseline numbers.

## **Plans for Next Week:**

Fix the mold. Test more jello samples. Complete the second version of the design document. Start preparing for presentation. Meet with advisor on 3/30/2015.

## **Individual Contributions (This Week):**

Jacob Schoneman: 4 hours  
Cory Snooks: 3 hours  
Andrew Connelly: 4 hours  
Stephen Nelson: 4 hours

## **Total Contributions for the Project:**

Jacob Schoneman: 34 hours  
Cory Snooks: 36.5 hours  
Andrew Connelly: 30.75 hours  
Stephen Nelson: 39 hours