



**BENG 493 - Senior Advanced Design Project II  
Spring 2015  
Final Presentations**

**Date:** Friday, May 1<sup>st</sup>, 2015  
**Time:** From 9:30am to 1:00pm  
**Location:** Research Hall 163

**Coffee provided throughout the morning**

9:30am – 9:55am (including Q&A)

**Team 6:** Daniel Nguyen, Marissa Arager, and Jennifer Le  
**Title:** Assistive Technology for the Visually Impaired  
**Advisor(s):** Drs. Vicky Ikonomidou and Nathalia Peixoto

9:55am – 10:20am (including Q&A)

**Team 2:** Mohamed Lahlou, Ryan Fitzgerald, Jonathan Le, and Brooke Blankenship  
**Title:** Development of a Flexible Ultrasound Transducer  
**Advisor(s):** Drs. Siddhartha Sikdar and Parag Chitnis

10:20am – 10:45am (including Q&A)

**Team 4:** Richard Patrican, Andrew Cedeno, and Nathan Jordan  
**Title:** SprAid: Automatic Three-Solution Dispenser for Superficial Wound Treatment  
**Advisor(s):** Drs. Yuntan Wu and Colin Reagle

10:45am – 11:10am (including Q&A)

**Team 3:** Andre Hop, Matthew Tolbert, Nawal Boufrou, and Nisha Sharma  
**Title:** Microfluidic Platform for Convectively Driven Flow in a Closed Loop System  
**Advisor(s):** Drs. Nitin Agrawal and Padmanabhan Seshaiyer

11:10am – 11:35am (including Q&A)

**Team 5:** Alyson Farm, Lauren Marfurt, and Rahul Pratap  
**Title:** 3D-MARK: A Virtual 3D Marker for Neurosurgery  
**Advisor(s):** Dr. Juan Cebal

11:35am – 12:00pm (including Q&A)

**Team 1:** Kathryn Radom, Mohamed Ali, David Remer, Laith Alhussein  
**Title:** A Device and Validation Scheme for Quantifying Spasticity in a Clinical Setting  
**Advisor(s):** Drs. Wilsaan Joiner and Michelle Harris-Love

12:00pm– 12:30pm: Poster session with photos

12:30: Best senior design project winning announcement

**Pizzas provided at Noon**