

1st Annual BME Capstone Design Symposium 2005

Wednesday, April 27

5:45-8:45 p.m.

MR5

SCHEDULE

5:45-5:55 p.m. Welcome and Introduction by Shayn Peirce-Cottler, Capstone
Course Instructor 2nd Floor Atrium

5:55-6:00 p.m. (5 minutes to change rooms)

6:00-7:00 p.m. Concurrent talks held in 4 different rooms. 15 minutes of presentation + 5
minutes of questioning from the audience per team

Session A:

"Molecular Bioengineering" Room 1005

6:00 p.m. TEAM: GIFTS & RATE (Johanne Python & Sarah Simnowitz ~ W. Guilford, BME)
6:20 p.m. TEAM: MBA (Faviola Rubio ~ Targeson, Inc.)
6:40 p.m. TEAM: PCLAMP (Nathan Lewis ~ Y. Kim, BME)

"Tissue Engineering" Room 2005

6:00 p.m. TEAM: FIRST (Amber Turner ~ B. Blackman, BME)
6:20 p.m. TEAM: END CELL (Carolyn Reed ~ E. Botchwey and B. Walker, BME)
6:40 p.m. TEAM: ISOTOPE (Kevin Hudak, Lindsey Jacobson, Kristen Klement ~ D. Glover, Internal
Medicine & S. Peirce, BME)

"Experimental Analysis of Disease Mechanisms" Room 3005

6:00 p.m. TEAM: DARC (Brian Harry ~ K. Ley, BME)
6:20 p.m. TEAM: I-RAVE (Sharon Attipoe ~ J. Lysiak, Urology)
6:40 p.m. TEAM: PROTECT (Crystal Cronan ~ B. Mann, Infectious Disease)

"Computational Tools for Understanding Disease Mechanisms" Room 1041

6:00 p.m. TEAM: STAR (Melissa Yingling ~ S. Peirce-Cottler & T. Skalak, BME)
6:20 p.m. TEAM: ACHIEVE (Rebekah Rendall ~ A. Letzt)
6:40 p.m. TEAM: MACE (Mike Simmers ~ B. Blackman, BME)

7:00-7:05 p.m. (5 minutes to change rooms)

7:05-7:25 p.m. Refreshments 2nd Floor Atrium

7:25-7:30 p.m. (5 minutes to change rooms)

7:30-8:30 p.m. Concurrent talks held in 4 different rooms. 15 minutes of presentation + 5 minutes of questioning from the audience per team

Session B:

"Instrumentation and Imaging System Design for Disease Diagnosis"

Room 1005

7:30 p.m. TEAM: POWER (Syed Omar ~ P. Allaire, MechE)

7:50 p.m. TEAM: B-SMART (Rebekah Barnett & Adilah Guiseppi ~ J. Knight-Scott, BME)

8:10 p.m. TEAM: SAMAURI (Mike Connery ~ B. Walker, BME)

"Biomedical Device Design ~ Therapeutic Delivery"

Room 2005

7:30 p.m. TEAM: STATIC (Jo Loughnane and Jithu Randraprassad ~ Luna, Inc.)

7:50 p.m. TEAM: DIE HARD (Ian Bellayr, Nick Plionis, Matt Dryden ~ Spectrum, Inc.)

8:10 p.m. TEAM: BRAIN (Arun Chhabra ~ G. Gillies, MechE)

"Biomedical Device Design ~ Assisting Diagnosis, Function, and Education"

Room 3005

7:30 p.m. TEAM: VISION (Cassie Anido, Jeanette Hankins, Emily Craft Peterson, OB/Gyn)

7:50 p.m. TEAM: FLOWTEK (Hannah Kolk ~ L. Richards, MechE)

8:10 p.m. TEAM: ASSIST (Nicole Rossi ~ D. Brauner)

"Biomedical Device Design ~ Surgical Tools"

Room 1041

7:30 p.m. TEAM: OTITIS (Anu Roy, Lisa Killen, Danielle Gause ~ K. Poelstra, Orthopedics)

7:50 p.m. TEAM: ABLE (Stephen Jo and Hualing Zheng ~ Bioengineering Consultants, Inc.)

8:10 p.m. TEAM: OSCREW (Craig Conta ~ K. Poelstra, Orthopedics)

8:30-8:35 p.m. (5 minutes to change rooms)

8:35-8:45 p.m. Closing Remarks by Tom Skalak, Chairman, Department of Biomedical Engineering