Undergraduate Research Spring Symposium
April 3, 2008

Oral and Poster Presentation Awardees

**Oral Session – Outstanding Oral Presentations**

**College of Computing**
James Robinson, COC
*MANET routing: Manifolds and the WDL*
Mentor: Dr. Santosh Vempala, COC

**College of Engineering**
Leslie Chan, BME
*Nanoscale Imaging Probes for Personalized Medicine*
Mentors: Dr. Ravi Bellamkonda, BME & Dr. Stathis Karathanasis, BME

**Ivan Allen College**
Lindsey Chatel, LCC/STAC
*Assistive Technology: The Application and Rhetoric of Cochlear Implants*
Mentor: Rebecca Burnett, LCC

**College of Sciences**
Nicole Fay, Biology/Bio-chemistry
*Visualizing Transcytosis via a FRET-based Low-Density Lipoprotein Probe*
Mentor: Dr. Christine Payne, Chemistry

**Poster Session – Outstanding Posters**

**College of Engineering**
First place
Jeffrey Clement, ME
*The Effect of Robust Input Shapers on Bridge Crane Operator Performance*
Mentor: Dr. Bill Singhose, ME
College of Engineering

1st place
Philippe Lacasse, CHBE
*Growth of Multi-walled Carbon Nanotubes on Carbon Fabric*
Mentor: Dr. Jud Ready, GTRI

2nd place
Cintia Nojima, CHBE
*Effects of Composite on the Mechanism of Formulation of Single-Walled Mixed-Oxide Nanotubes: A Dynamic Light Scattering Study*
Mentors: Dr. Sankar Nair, CHBE

3rd place
Ramya Parthasarathy, BME & Roy Rusly, BME
*Modeling and Assessment of Congenital Bicuspid Aortic Valve Fluid Dynamics*
Mentor: Dr. Ajit Yoganathan, BME

Ivan Allen College

Naihobe Gonzalez, EIA
*University Education Expansion in Venezuela and Labor Market Outcomes: What Can We Learn from the Data*
Mentor: Dr. Ruth Uwaifo, ECON

College of Sciences

Stefka Gyoneva, Biology
*[^PSI+^] Prion Transmission Within the Yeast Saccharomyces Genera*
Mentors: Dr. Yury Chernoff, BIOL, and Dr. Buxin Chen, BIOL