



Undergraduate Research Opportunities Program

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

1st 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