

1st Annual Undergraduate Research Symposium

April 11, 2008

Schedule of Poster Presentations

SESSION I

12:15 PM – 1:30 PM

“Labeling Strategies for Visualizing the Composition of the Influenza Virus Pre-Envelope Domain by MIMS”

Adnan Ali, Nan Jiang & Richard Tang

“Effect of Biodegradable PEI in HEK293 Cells for siRNA Delivery”

Kyle Blakely

“Characterization of Polymeric Microspheres Synthesized by Homogenization and Precision Fabrication”

Devin Brown

“Nanocrystal-Aptamer for Biomedical Applications”

Kok Hao Chen

“Identifying Biologically Significant Interactions Using Gene Set Expression Reversal Analysis”

Seth Hanson

“Investigation of Fabrication Technique on PLG Microsphere Morphology and Protein Release”

Apurv Puri

“Making the Connection: A Tissue Engineered Dental Implant”

Kendra Younker

SESSION II

1:45 PM – 3 PM

“Asymptotic Behavior of Reaction-Diffusion PDEs in Dopant Diffusion”

Kejia Chen

“Parameter Identification for Chirality-Selective Single-Walled Carbon Nanotube Chemical Reaction Networks”

Kejia Chen

“Characterization of Argon and CF₄/O₂ Plasma Etching”

Xiaoyu Chen

“Microfluidic Platforms for Protein Crystallization”

Andrew Choi

“Characterization of Pt₃Co-Based Cathodes in a Microfluidic Hydrogen Fuel Cell”

Desmond Ng

“Photostimulated Self-Assembly on the Surface of Amorphous TiO₂”

Katherine Thurman

Awards Reception will be held in Noyes 217 at 3:15 PM

