2018 Hauber Fellows

Click here to view the 2018 Hauber Research Presentations on YouTube.

Effects of Matcha and Green Tea on Cytoskeleton Structure, Phagocytosis and Killing

Hauber Fellow: Hannah Lamond
Faculty Mentor: Christopher Thompson, Biology

The Influence of Black Tea (Camellia sinesis) on Cytokine Production in Macrophages

Hauber Fellow: Christina Kingsley
Faculty Mentor: Christopher Thompson, Biology

Enhancing Simulated Environments for Nursing Education and Practice

Hauber Fellow: Margaret Herbster
Faculty Mentor: Suzanne Keilson, Engineering
Supported by Whiting Turner

Segmentation and Analysis of Handwritten Medieval Text for Automatic Indexing

Hauber Fellow: Nicole Schneider
Faculty Mentors: Roger Eastman, Computer Science, and Jeffrey Witt, Philosophy

Atomic Force Microscopy of Carbon Nanotubes and DNA

Hauber Fellow: Kylee Sullivan
Faculty Mentor: Mary Lowe, Physics

Fluctuations in Expression of Lsh (HELLS) and the Characterization of Stem Cell Qualities in Human Melanoma (A375)

Hauber Fellow: Natasha Valas
Faculty Mentor: Theresa Geiman, Biology

Chaos and Nonlinear Dynamics in Chua's Circuit as a Result of the Event Interval Hypothesis

Hauber Fellow: Kenneth Marcelino
Faculty Mentor: Gregory Derry, Physics

Using Modeling to Explore Time Series Methodology Issues

Hauber Fellow: Ethan Mullen
Faculty Mentor: Gregory Derry, Physics

Circuit Design for Probabilistic Computation

Hauber Fellow: Chet Pajardo II
Faculty Mentor: David Hoe, Engineering
Supported by Whiting Turner

Alternative Dice Labels

Hauber Fellow: James White
Faculty Mentor: Timothy Clark, Math & Statistics

The Effects of Short Chain Fatty Acid Mixtures on Colonic Motility

Hauber Fellow: Natalie Morris
Faculty Mentor: Derek Kendig, Biology

Assessing Air Quality in Urban and Greenspaces in Baltimore City

Hauber Fellow: Thomas Howard
Faculty Mentor: Elizabeth Dahl, Chemistry
Supported by Grace

Improving Calibration of Agent-based Models

Hauber Fellow: Chiara Maalouf
Faculty Mentors: Megan Olsen and M. Raunak, Computer Science
Supported by Booz Allen Hamilton

Analysis of Vulnerability Trends

Hauber Fellow: Richard Kogut
Faculty Mentor: M. Raunak, Computer Science
Supported by Booz Allen Hamilton