



2015 Hauber Fellows

Investigation of Enzyme-Comparative Surfactants for Conducting Chemoenzymatic Cascade Reactions

Hauber Fellow: Jurgen Bushi

Faculty Mentor: Courtney Hastings, Chemistry

The Botanical Applications of Atomic Force and Confocal Microscopy

Hauber Fellow: Anna Bellerive

Faculty Mentors: Bernadette Roche, Biology & Mary Lowe, Physics

Measuring the Degree of Sensitization in Naval Alloys Using Hardness Testing/Determining the Ballistic Resistance and Effectiveness of Historic Linen Body Armor

Hauber Fellows: Emily Chambers & Calix O'Hara

Faculty Mentor: Robert Pond, Engineering

Parsing the English Language

Hauber Fellow: Tim Dowd

Faculty Mentor: Dawn Lawrie, Computer Science

Measuring the Work Functions of Specific Metals

Hauber Fellow: Margaret Gross

Faculty Mentor: Greg Derry, Physics

Knowledge Database

Hauber Fellow: Josh Mackin

Faculty Mentor: Dawn Lawrie, Computer Science

Alteration of Phagosome Maturation due to Cytosolic Calcium Variations caused by the Application of Green Tea

Hauber Fellow: Allison Meyers

Faculty Mentor: Christopher Thompson, Biology



Multivariate Statistical Analysis of the Effectiveness of Firearms Against Body Armor

Hauber Fellow: Zachary Pisano

Faculty Mentor: Christopher Morell, Statistics

Correlation of Voltage Measurements to Amplitudes Measured in Nanometers through Atomic Force Microscope

Hauber Fellow: Gabrielle Revelo

Faculty Mentor: Mary Lowe, Physics

Evolution of Yeast cells

Hauber Fellow: Alejandro Salcedo

Faculty Mentor: Lisa Schiefele, Biology

Implementation of a Compressive Sensing Algorithm Using a Reconfigurable Logic Platform

Hauber Fellow: Alex Verschoore

Faculty Mentor: David Hoe, Engineering

miRNA Expression and Function in Exemestane Resistant Breast Cancer

Hauber Fellow: Danielle Whearty

Faculty Mentor: Armina Kazi, Biology