2016 Hauber Fellows

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Evaluation of 6DOF Sensor Systems for Manufacturing Robots

Hauber Fellow: Andrea Acosta
Faculty Mentor: Roger Eastman, Computer Science

Correlations of Chromosomal Aberrations and Fragile Sites throughout the Yeast Genome

Hauber Fellow: Gianna Branella
Faculty Mentor: Lisa Scheifele, Biology

Molecular Dynamics Simulations

Hauber Fellow: Micah Duzey
Faculty Mentor: Mary Lowe, Physics

A Green Method for the Chemoenzymatic Synthesis Chiral Hydroxyketones

Hauber Fellow: Theodore Fortier
Faculty Mentor: Courtney Hastings, Chemistry

Searching for an Orbital-Free Kinetic Energy Functional in Many-Electron Systems

Hauber Fellow: Adrian Halarewicz
Faculty Mentor: Randall Jones, Physics

Improving Thermal Comfort via Spatially Adaptive HVAC

Hauber Fellow: Matthew Kalensky
Faculty Mentor: Robert Bailey, Engineering

Development of an Encapsulation Strategy for Chemoenzymatic Reactions

Hauber Fellow: Samuel Kolb
Faculty Mentor: Courtney Hastings, Chemistry
Extracting Knowledge from Large Text Collections

Hauber Fellow: Jessa Laspea & Michael Latman
Faculty Mentor: Dawn Lawrie, Computer Science

Molecular Dynamics Simulations

Hauber Fellow: Joseph Lopez
Faculty Mentor: Mary Lowe, Physics

The Blacksmith's Paradox

Hauber Fellows: Emily Mansour
Faculty Mentor: Robert Pond, Engineering

Handedness within the Behavior of the Wood Thrush (Hylocichla Mustelina)

Hauber Fellow: Liam McCrea
Faculty Mentor: Kim Derrickson, Biology

An Analysis of the Impacts of Green Tea on Mechanistic Aspects of Phagocytosis

Hauber Fellow: Allison Meyers
Faculty Mentor: Christopher Thompson, Biology

A Green Chemoenzymatic Method for Amide Synthesis

Hauber Fellows: Thomas Porth
Faculty Mentor: Courtney Hastings, Chemistry

Mechanical Properties of Cold Worked High-Purity Aluminum

Hauber Fellows: Tanner Robinson
Faculty Mentor: Robert Pond, Engineering

Spherical Casimir Effect for a Massive Scalar Field in N-dimensions

Hauber Fellows: Dalton Spatz
Faculty Mentor: Andrea Erdas, Physics