



2013 Hauber Fellows

Validation Coverage: A Metric to Quantify Validation of Agent-Based Simulations

Hauber Fellow: Armando Benavidez

Faculty Mentor: M. Raunak, Computer Science

An Information Retrieval Model Test Bed

Hauber Fellow: Mattie Dziejma

Faculty Mentor: David Binkley, Computer Science

An Agent-Based Model of Predator/Prey Dynamics with Emotion

Hauber Fellow: Rachel Franczkowski

Faculty Mentor: Megan Olsen, Computer Science

Determining Values of the Function $r^*(d)$

Hauber Fellow: Jessica Jennings

Faculty Mentor: Michael Knapp, Math & Statistics

Combined Techniques to Accurately Measure the Work Function of Clean Surfaces

Hauber Fellow: Megan Kern

Faculty Mentor: Gregory Derry, Physics

How are Diatoms & Alkyl Nitrates Linked and Why Does it Matter?

Hauber Fellow: Christian Lewis & Felisa Velasco

Faculty Mentors: Birgit Albrecht, Chemistry & Elizabeth Dahl, Chemistry

A Closer Look at Critical Strains and Poisson's Ratio

Hauber Fellow: Dennis Maguire

Faculty Mentor: Robert Pond, Engineering



LDA Topic Count's Impact on Software Feature Location

Hauber Fellow: Jeffrey Matthies

Faculty Mentor: Dawn Lawrie, Computer Science

Plasticity or Local Adaptation: Alternative Hypotheses in a Reciprocal Transplant Experiment

Hauber Fellow: Akossua Mensah

Faculty Mentor: Bernadette Roche, Biology

Elliptical Integrals in Classical Mechanics

Hauber Fellow: Olivia Ott

Faculty Mentor: Andrea Erdas, Physics

What is in a Name? Comparing Names across National Origins

Hauber Fellows: Julianne Smith & John Tehan

Faculty Mentors: Christopher Morrell, Math & Statistics & Theresa Geiman, Biology

Genetic Mutations in Evolved *Saccharomyces Cerevisiae* Cells

Hauber Fellows: Jeff DeSanto

Faculty Mentors: Lisa Scheifele, Biology

Identifying Sites of Genome Rearrangement in Replication Checkpoint Mutants

Hauber Fellows: Samantha Minikel

Faculty Mentors: Lisa Scheifele, Biology