



2001 Hauber Fellows

A Functional Analysis of *Dirofilaria immitis* Nuclear Receptor δ h δ a - Possible Role in Molting

Hauber Fellow: Maureen Luschini

Faculty Mentor: Kirsten Crossgrove, Biology



Synthesis and Characterization of Methyl-7-Thioumbelliferyl β -D-Cellobioside

Hauber Fellow: Lisa Bonner
Faculty Mentor: Brian Barz, Chemistry

Metabolism of Indole-3-Acetic Acid during Somatic Embryonic Development

Hauber Fellow: Beverly Moulic
Faculty Mentor: Elaine Shea, Chemistry

Software and User Interface Design Using Parallel Processing and Gradient Descent Techniques for Registration and Remotely Sensed Imagery

Hauber Fellow: Rachel L. Knickmeyer & Jamie L. Smith
Faculty Mentor: Roger Eastman, Computer Science

Using Decomposition Size Graphs as a Program Comprehension Tool: Preliminary Analysis and Observations

Hauber Fellow: Lucas M. Layman
Faculty Mentor: Keith Gallagher, Computer Science

Error Correcting Codes that are Extensions of the ISBN Code

Hauber Fellow: Aileen McCuddy
Faculty Mentor: George Mackiernan, Mathematical Sciences

Surface Crystallography Using Low Energy Electron Diffraction

Hauber Fellow: Eric Krueger
Faculty Mentor: Greg Derry, Physics

Efficiently Finding Conserved Oligonucleotides within Multiple Related Sequences

Hauber Fellow: Scott Emrich
Faculty Mentors: Mary Lowe, Physics and Arthur Delcher