In The Spotlight: Class of 2004 Honors

Honors Degree with Distinction

The following students were recipients of the Honors Degree with Distinction. To earn the Honors Degree with Distinction, a student must have accumulated a grade-point index of at least 3.400 at the time of graduation and have earned 30 credits in Honors courses. In addition he or she must have successfully defended a senior thesis to a committee of faculty approved by Biological Sciences and the University Honors Program. The senior thesis is based on research projects that students carry out for a year or more in a faculty laboratory. This represents a tremendous effort and these students are functioning as graduate students at their time of graduation.

Jeremie Axe
Thesis: Sensitivity of the Knee Joint Kinematics Calculation to Selection of Flexion Axes
Advisor: David Usher, Biological Sciences

Janine Collinge
Thesis: Roles of tPA and uPA in Pseudoexfoliation Syndrome
Advisor: Melinda Duncan, Biological Sciences

Will Dunworth
Thesis: The Interaction of CIBB - 1 and CIBB - 2 with Calcium - Integrin - Binding Protein
Advisor: Ulhas Naik, Biological Sciences

Peter Lazzopina
Thesis: The Role of NgCAM in Neuronal Migration in the Brain
Advisor: Deni Galileo, Biological Sciences

Katherine Maddox
Thesis: Functional Characterization of Calcium and Integrin Binding Family Proteins
Advisor: Ulhas Naik, Biological Sciences

David Nation
Thesis: Identification of Ion Channels in C4-B2B4 Prostate Cancer Cells
Advisor: Mary C. Farach-Carson, Biological Sciences

James O'Leary
Thesis: SELDI Profile of Pseudoexfoliation Aqueous Humor
Advisor: Melinda Duncan, Biological Sciences

Kari Reese
Thesis: Possible Suppression of Melanoma Metastasis by Genes on Chromosome 6
Advisor: Mary Miele, Medical Technology
Arthur Suckow  
Thesis: Ocular Expression and Regulation of Junctional Adhesion Molecule 1  
Advisor: Melinda Duncan, Biological Sciences

Bryan Townsend  
Thesis: The Therapeutic Values of Chinese Philosophies  
Advisor: Alan Fox, Philosophy

Christina Xia  
Thesis: Aggregative Cues in Hemigrapsus sanguineus  
Advisor: Charles Epifanio, Marine Studies

Alisha Yallowitz  
Thesis: The Ability of DEF1 to Regulate B1-Crystallin Promoter Activity  
Advisor: Melinda Duncan, Biological Sciences

Jennifer Arseneau  
Thesis: A Study of Cl-dependent Sodium-Hydrogen Exchanger Activity in Renal Proximal Tubule Cells  
Advisor: Gary Laverty, Biological Sciences

Melissa Edgecombe  
Thesis: The Role of Contactin in the Tangential Migration of Optic Tectum Neurons  
Advisor: Deni Galileo, Biological Sciences

Jennifer Risser  
Thesis: Expression Patterns of Orosomucoid and Angiopoietin-like 4 During Adipocyte Differentiation  
Advisor: David Usher, Biological Sciences

**Degree with Distinction**

At the time of graduation, students earning a Degree with Distinction must have a cumulative grade-point index of at least 3.00, an index in their major of at least 3.50, and successfully defended a senior thesis.