

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 C4-2B4 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 Δ EF1 to Regulate β B1-Crystallin Promoter Activity
 Advisor: Melinda Duncan, 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.

**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