

## In The Spotlight: Class of 2005 Honors

### Honors Degree with Distinction

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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.



**Meghan Bills**

**Thesis:** Ovarian Contractions in Fish

**Advisor:** Malcolm Taylor, Biological Sciences



**Joseph Fotos**

**Thesis:** Role of NgCAM/L1 in Glioma Invasiveness

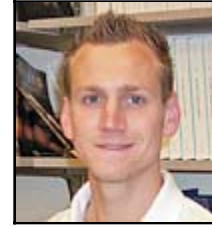
**Advisor:** Deni Galileo, Biological Sciences



**Brian Gladnick**

**Thesis:** Maximal Induction of Brain Creatine Kinase by AP2 also Requires Factor NF-Y

**Advisor:** George Molloy, Biological Sciences



**Lawrence Hall**

**Thesis:** Induction and Characterization of SR/ER Membrane Biogenesis by SERCA2a

**Advisor:** Norman Karin, Biological Sciences

**Erin Kenaley**

**Thesis:** Calcium Effects on Ahnak Protein Expression in 3T3-L1 Preadipocytes

**Advisor:** Mary C. Farach-Carson, Biological Sciences

**Kerrilynn Miller**

**Thesis:** Effects of Hypoxia on Growth and Feeding Rates of Juvenile Summer Flounder (*Paralichthys Dentatus*) at High Summertime

Temperatures: Assessment of Acclimation Capacity at Impact of a Substrate

**Advisor:** Timothy Targett, Marine Studies

**Kimberly Miller**

**Thesis:** Examination of Hyalp1, a Murine Reproductive

Hyaluronidase **Advisor:** Patricia DeLeon, Biological Sciences

**Stacy Shertok**

**Thesis:** Testicular Expression of Hyal5

**Advisor:** Patricia DeLeon, Biological Sciences

**Allison Wojcik**

**Thesis:** Assembly of Initiation and Elongation Complexes During SV40 DNA Synthesis

**Advisor:** Daniel Simmons, 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.



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**Ashley Cephas**

**Thesis:** The Role of Polycystin Transcript Expression in Mouse Chondrocyte Cells

**Advisor:** Norman Karin, Biological Sciences

**Marianne Dietz**

**Thesis:** Investigating Sub-Millennial Scale Variations in the Mid Pleistocene

**Advisor:** Katharina Billups, Marine Studies

**Mesha Eaton**

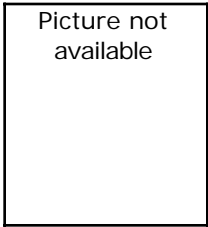
**Thesis:** Investigation of the Expression of Murine Hya15 in the Male Reproductive Tract, Accessory Organs and Kidney

**Advisor:** Patricia DeLeon, Biological Sciences

**Lauren Johnston**

**Thesis:** Renal Ascorbic Acid Transport via SVCT in Avian Proximal Tubules

**Advisor:** Gary Laverty, Biological Sciences

**Melissa Lowe**

**Thesis:** Aquinas on the Unity of Intellect and Will: A Thomistic Approach to Understanding Neural Plasticity

**Advisor:** Katherine Rogers, Philosophy

**Elisabeth Mari**

**Thesis:** Effects of Hip/Rpl29 Gene Disruption on Proliferation and Chondrocytic Differentiation Potentials of Murine Embryonic Stem Cells in vitro

**Advisor:** Catherine Kirn-Safran, Biological Sciences

**Steven Pine**

**Thesis:** Analysis of Sex Chromosomes in the American Eel

**Advisor:** Malcolm Taylor, Biological Sciences

**Andrea Short**

**Thesis:** Cloning and Characterization of 8J16

**Advisor:** Erica Selva, Biological Sciences