

#### **Past Student Research 2003-2004**

**Kimberly Bartmess '04.** *The effect of glycosylation on the virulence of influenza A virus.* Honors Bio 451 with Dr. Jon McCullers at St. Jude Children's Research Hospital and Dr. Terry Hill.

**Adam Brewer '05.** *Genetic analysis of calcofluor-hypersensitive mutants of Aspergillus nidulans.* BIO 451 with Drs. Terry Hill and Darlene Loprete.

**Emily Bryson '05.** *Research on the protein Mdm2, associated with the inhibition of the p53 cell cycle arrest pathway.* Bio 451 with Dr. Richard Kriwacki of St. Jude Children's Research Hospital and Dr. Terry Hill.

**Drew Burk '04.** *Mechanisms of Immune Evasion: Development of Murine Gammaherpesvirus as a Model for Human Epstein Barr Virus Infection.* Bio 452 with Dr. Gary Lindquester.

**Bethany Drehman '06.** *Reproductive physiology and captive management at the zoo.* Bio 452 with Dr. Alan Jaslow.

**Natalie DuMont '04.** *Protein binding assays of ZD1839 and SN38.* Bio 452 with Dr. Burgess Freeman at St Jude Children's Research Hospital and Dr. Carolyn Jaslow.

**Daniel Dunnivant '04.** *Molecular Characterization of a calcofluor hypersensitive mutant of Aspergillus nidulans.* Merck Foundation Fellow with Drs. Terry Hill and Darlene Loprete.

**Lauren Fay '05.** *Genetic analysis of calcofluor-hypersensitive mutants of Aspergillus nidulans.* BIO 451 with Drs. Terry Hill and Darlene Loprete.

**Tyler Gamble '06.** *The effects of varying oxygen levels on crayfish aggressiveness.* Bio. 451 with Dr. Carolyn Jaslow.

**Lisa Harsch '05.** *Genetic analysis of calcofluor-hypersensitive mutants of Aspergillus nidulans.* Merck Foundation Fellow with Drs. Terry Hill and Darlene Loprete.

**Becky Heineke '04.** *Microhabitat use by the Giant Panda for use in Management decisions.* Bio 452 with Dr. Alan Jaslow.

**Lauren Jackson '05.** *Mechanisms of Immune Evasion: Development of Murine Gammaherpesvirus as a Model for Human Epstein Barr Virus Infection.* Bio 452 with Dr. Gary Lindquester.

**Katie Jameson '05.** *High copy suppression of mis-localized Cln3.* Bio 451 with Dr. Mary Miller.

**Jeshenna Johnson '04.** *Determination of "handedness" in the giant panda.* Bio 451 with Dr. Tony Becker.

**Forrest McCullough '04.** *Condition indices of Corbicula fluminea in the Wolf River.* Bio. 451 & 452 with Dr. David Kesler.

**Rupal Patel '05.** *Social dominance in the reticulated giraffe.* Bio 451 with Dr. Tony Becker.

**Leslie Patterson '05.** *Courtship behavior in the reticulated giraffe.* Bio 451 with Dr. Tony Becker.

**Caroline Sartain '07.** *Fluorescence microscopy characterization of spore germination in Aspergillus nidulans.* Bio 452 with Dr. Terry Hill

**Chris Talley '04.** *Vertebrate-oak interactions and forest recruitment* Bio. 451 & 452 with Dr. Steven Brewer.

**Stanley Vance '05.** *Genetic analysis of calcofluor-hypersensitive mutants of Aspergillus nidulans.* CHEM 451 with Drs. Terry Hill and Darlene Loprete.

**Stanley Vance '05.** *Fluorescence microscopy characterization of spore germination in Aspergillus nidulans.* Bio 452 with Dr. Terry Hill.