

## **Student Research 2005-06**

### **Sponsored by Programs at Rhodes**

- Lydia Andras '06.** *Circadian rhythms and crayfish behavior.* Bio. 452 with Dr. Keith Pecor
- Emily Backues '07.** *Genetic characterization of a Calcofluor-hypersensitive mutant of Aspergillus nidulans.* Bio 451 & 452 with Drs. Terry Hill and Darlene Loprete.
- Teresa Bell '07.** *Size-age relationship, patch growth, and genetics of the Pawpaw (Asimina triloba) in Overton Park.* Bio 451 & 452 with Dr. David Kesler
- Brittany Bostick '07.** *Ecological interactions between invasive plants and birds in the Mid-South.* Bio 452 with Jim Armacost, Jr.
- Taylor Brown '07.** *Genetic characterization of a Calcofluor-hypersensitive mutant of Aspergillus nidulans.* Bio 451 & 452 with Drs. Hill and Loprete.
- Christie Champion '07.** *Size-age relationship, patch growth, and genetics of the Pawpaw (Asimina triloba) in Overton Park.* Bio 451 & 452 with Dr. David Kesler
- Becky Cook '08.** *High copy suppression analysis of mislocalized G1 cyclin in budding yeast – characterization of the MCS6 and MCS9 suppressors.* Bio 451 & 452 with Dr. Mary Miller
- Meghan Davis '06.** *Generation of a recombinant murine herpesvirus (MHV) containing the Epstein-Barr virus interleukin 10 gene driven by the MHV gp150 promoter.* Bio 451 & 452 with Dr. Lindquister
- Jeff Freyder '06.** *Generation of revertant recombinant murine herpesviruses.* Bio 452 with Dr. Lindquister
- Gaines Fricke '06.** *Long term potentiation in CA3 hippocampal neurons in IL-16 knock-out mice.* Bio 451 & 452 with Dr. Jay Blundon.
- Valerie Hartmann '06.** *The role of light and oxygen in Chaoborus punctipennis diel vertical migration.* Bio 451 & 452 with Dr. David Kesler.
- Claire Litherland '09.** *Mendelian genetic studies of Calcofluor hypersensitive mutants in Aspergillus nidulans.* Bio 452 with Drs. Hill and Loprete.
- Adam Master '06.** *Ecological interactions between invasive plants and birds in the Mid-South.* Bio 452 with Jim Armacost, Jr.
- Sarah Mercer '08.** *Genetic characterization of a temperature-hypersensitive polarity mutant of Aspergillus nidulans.* Bio 451 & 452 with Drs. Terry Hill and Darlene Loprete.
- Sandy Obreza '06.** *Generation of a recombinant murine herpesvirus containing the Epstein-Barr virus interleukin 10 gene driven by the mouse phosphoglycerate kinase promoter.* Bio 451 & 452 with Dr. Gary Lindqester.
- Crystal Phelps '08.** *Mendelian genetic studies of Calcofluor hypersensitive mutants in Aspergillus nidulans.* Bio 452 with Drs. Hill and Loprete.
- Caroline Sartain '07.** *Deletion of a gene coding for a membrane protein in Aspergillus nidulans.* Bio. 452 with Drs. Hill and Loprete.
- Will Sheftall '07.** *Annuli formation in the freshwater mussel Elliptio complanata.* Bio 452 with Dr. David Kesler.
- Michael Spilman '06.** *Bioluminescent energy transfer based detection of protein-protein interactions in Saccharomyces cerevisiae.* Bio. 451 & 452 with Dr. Mary Miller.
- Mark Stratton '06.** *The role of light and oxygen in Chaoborus punctipennis diel vertical migration.* Bio 451 & 452 with Dr. David Kesler.

