

**Jessica Jemison**

Graduate Teaching Assistant  
Department of Biological Sciences  
Sam Houston State University

**Degrees Earned**

**Master of Science**, Biology, Sam Houston State University, Huntsville, Texas,  
December 2007

**Master of Education**, Secondary Education and Biology, Sam Houston State  
University, Spring 2005

**Bachelor of Science**, Biology, Life and Earth Sciences, Sam Houston State University,  
Summer 2003

**Presentations**

Jemison, J. 2007. Vegetation Effects on East Texas Mammal Diversity. Sam Houston  
State University, Fall 2007.

**Work or Professional Experiences**

**Teaching Assistant**, Contemporary Biology Laboratory, Sam Houston State  
University, 2003. Taught general principles of biology, and basic  
biological concepts to students whose major is something other than  
biology. Taught techniques of using a compound light microscope, and  
dissecting scope, and covered such topics as nutrition, reproductive  
anatomy, and ecology. Gave two exams, weekly quizzes with practical  
questions and multiple choice questions that tested previously covered  
material, and also gave weekly homework assignments.

**Teaching Assistant**, Botany Laboratory, Sam Houston State University, 2004-  
2005. Taught botany to students who were biology majors, or students  
who were required to take botany as a science. Taught basic information  
about plants which included topics such as plant morphology, plant  
taxonomy, and basic plant genetics. Also taught proper use of  
microscopes, and how to prepare wet mount slides, and how to prepare  
stained slides of different plant cells. Gave two exams, weekly quizzes  
with practical questions and multiple choice questions that tested  
previously covered material, and also gave weekly homework  
assignments.

**Graduate Teaching Assistant**, Contemporary Biology Laboratory, Sam Houston  
State University, 2005-2006. Taught general principles of biology, and

basic biological concepts to students whose major is something other than biology. Taught techniques of using a compound light microscope, and dissecting scope, and covered such topics as nutrition, reproductive anatomy, and ecology. Gave two exams, weekly quizzes with practical questions and multiple choice questions that tested previously covered material, and also gave weekly homework assignments.

**Teaching Assistant**, Entomology Laboratory, Sam Houston State University, 2006. Taught principles of entomology which included morphology of the insects, taxonomy of different insects classes and families, proper techniques for identification of the insects, and techniques used in the preservation of the insects for collections. I also gave two major exams, and weekly quizzes.

**Graduate Teaching Assistant**, Zoology Laboratory, Sam Houston State University, 2006-2007. Teaching general principles of zoology. Teaching students different classes of animals ranging from protozoans to mammals. Lecture about general topics for each phylum to be covered in the lab session the current day. A large percentage of the required material to be taught is proper dissection techniques for each item dissected in the class, and the identification of selected items. Required as well is to give weekly homework assignments, weekly quizzes, and two major exams for the class.

**Lecturer**, Zoology, Sam Houston State University, 2007.

Teaching principles of zoology that include genetics, phylogeny, and biological history of animal evolution. Zoology lecture is an in depth study of major taxa of animals ranging from the simplest organisms such as protozoan groups to more complex organisms, the mammals. Topics also covered are animal behavior, animal ecology, and distribution of organisms. Five major exams, and twelve unannounced quizzes given.

### **Honors and Awards**

Chancellor's List 2004-2007

National Scholars Honor Society 2006-2007

Graduate Teaching Assistantship 2006-2007