

## ***Curriculum Vitae***

Spring 2008

# **Anna Basalova Buchman**

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## **EDUCATION**

B.S., Biology, Fall 2006 (GPA – 4.0, *Summa Cum Laude*, rank 1/897)  
Sam Houston State University, Huntsville, TX

M.S., Biology, In Progress (GPA – 4.0, anticipated – August 2008)  
Sam Houston State University, Huntsville, TX

## **RESEARCH INTERESTS**

Population and conservation genetics  
Evolution and systematic  
Molecular genetics  
Neurobiology

## **COURSES TAKEN**

### **Undergraduate**

Microbiology, General Physiology, Genetics, Vertebrate Anatomy, Ecology, Cytology,  
Environmental Toxicology

### **Graduate**

Population and Conservation Genetics, Advanced Behavior, Advanced Genetics,  
Vertebrate Natural History, Philosophy of Biology, Professional Aspects of Biology,  
Forensic Entomology, Biostatistics, Evolution, Phylogenetic Methods (in progress)

## **WORK EXPERIENCE**

Graduate Teaching Assistant, Sam Houston State University, August 2007-Present  
Botany, Cell Biology, and Advanced Genetics Laboratories

## **PROFESSIONAL AFFILIATIONS**

American Society of Ichthyologists and Herpetologists  
Society for Integrative and Comparative Biology (SICB)  
Texas Academy of Sciences

## HONORS, AWARDS, AND SCHOLARSHIPS

Dean's List, Sam Houston State University, 2004-2006  
Who's Who Among Students in American Universities and Colleges, 2005-2006  
National Dean's List, 2006  
Undergraduate Achievement Scholarship, Sam Houston State University, 2006  
Biology Academic Scholarship, Sam Houston State University, 2006

## PUBLICATIONS

Buchman, A.B., P.R. Deaton, T. Brummel, E.D. Wilson, and W.I. Lutterschmidt.  
Isolation and characterization of microsatellite loci from the ornate box turtle (*Terrapene ornata*) and cross-amplification in other *Terrapene* species. In preparation.

Buchman, A.B., P.R. Deaton, T. Brummel, E.D. Wilson, and W.I. Lutterschmidt. A molecular analysis of putative hybridization between two box turtle species (genus *Terrapene*). In preparation.

Buchman, A.B., E.D. Wilson, and W.I. Lutterschmidt. Seasonal distribution of box turtle occurrence and incidence of first gravid female appearance. In preparation.

## PRESENTATIONS

Buchman, A.B., P.R. Deaton, T. Brummel, E.D. Wilson, and W.I. Lutterschmidt. A molecular analysis of putative hybridization between two box turtle species (genus *Terrapene*). Annual Meeting of the Society for Integrative and Comparative Biology. San Antonio, TX. (2-6 January 2008).

Buchman, A.B., P.R. Deaton, T. Brummel, E.D. Wilson, and W.I. Lutterschmidt. Isolation and characterization of microsatellite loci in two box turtle species. 11<sup>th</sup> Annual Meeting of the Texas Academy of Science. Corpus Christi, TX. (6-8 March 2008).

Cureton, J., A.B. Buchman, and P.R. Deaton. Development of microsatellite primers for the largespring gambusia (*Gambusia geiseri*). 55<sup>th</sup> Annual Meeting of the Southwestern Association of Naturalists. Memphis, TN. (10-12 April 2008).

## GRANTS

Buchman, A.B. In preparation. Analysis for possible hybridization of two box turtle species (*Terrapene*) with microsatellite markers. ASIH Gage Fund Award. \$400-\$1,000.

Buchman, A.B. In preparation. A molecular analysis of putative hybridization between two box turtle species (genus *Terrapene*). SWAN Howard McCarley Student Research Award. \$1,000.

## LANGUAGES

Fluent in English and Russian  
Basic reading and speaking competence in French

## REFERENCES

**William I. Lutterschmidt** (Major Advisor)  
Department of Biological Sciences  
Sam Houston State University  
Huntsville, TX 77241-2116  
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**P. Raelynn Deaton** (Co-Advisor)  
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