

Alexander S. Hall

The University of Texas at Arlington • Department of Biology • Box 19498 • Arlington, TX 76019
214.604.8119 • alexhall@uta.edu

Education

B.S., Animal Behavior with Honors	May 2011
Southwestern University	GPA: 3.42
Honors Thesis: Artificial Lighting and Anuran Calling Behavior	
Ph.D., Quantitative Biology	May 2016 (expected)
The University of Texas at Arlington	GPA: 3.88
Thesis: Origins and Maintenance of Diversity a Vertebrate Parthenogen	
Advisor: Matthew Fujita	

Research Interests

Genome Evolution, Bioinformatics, Vertebrate Asexuality, Systematics, Animal Behavior, Herpetology

Publications

Pierce, B. A., & A. S. Hall. 2013. Call latency as a measure of calling intensity in anuran auditory surveys. *Herpetological Conservation and Biology*, 8:199-206.

Biagas, T. D., A. S. Hall, A. L. Ritzer & B. A. Pierce. 2012. Time of day does not affect outcome of visual encounter surveys of a spring-dwelling salamander, *Eurycea naufragia*. *The Southwestern Naturalist*, 57:162-165.

Hall, A. S. 2011. Artificial lighting and anuran calling behavior [Honors Thesis]. Southwestern University, Georgetown, TX.

Manuscripts In Prep

Hall, A. S. (Submitted). Acute artificial light diminishes anuran calling behavior. *American Midland Naturalist*.

Hall, A. S., & M. K. Fujita. (In Prep). Fine-scale population resolution of *Aspidoscelis tessellata*, a hybrid vertebrate parthenogen.

Hall, A. S., & B. A. Pierce. (In Prep). Four years of anuran site occupancy in central Texas as measured with volunteer call surveys.

Presentations

Hall, A. S. 2013. Vertebrate parthenogenesis. Genome Biology Group Seminar; UT Arlington.

- Hall, A. S. 2013. Recombination without sex: Quantifying genome dynamics in an asexual lizard. Texas Academy of Science; Systematics and Evolutionary Biology; Kerrville, TX.
- Hall, A. S., & B. A. Pierce*. 2012. Call latency in anuran breeding call surveys in central Texas. World Congress of Herpetology (Poster); Vancouver, Canada.
- Hall, A. S.*, & B. A. Pierce. 2011. Call latency in anuran breeding call surveys in central Texas. Joint Meeting of Ichthyologists and Herpetologists (Poster); Minneapolis, MN.
- Wilson, E. A.*, A. S. Hall & J. E. Purdy. 2011. Retention of learned association following metamorphosis in African claw-toed frogs. Southwestern Psychological Association; Southwestern Comparative Psychology Association; San Antonio, TX.
- Hall, A. S. 2011. Artificial lighting and nocturnal anuran calling behavior in Michigan and central Texas. Texas Academy of Science; Terrestrial Ecology and Management; Austin, TX.
- Hall, A. S.*, & B. A. Pierce. 2011. Call latency in anuran breeding call surveys in central Texas. Texas Academy of Science (Poster); Terrestrial Ecology and Management; Austin, TX.
- Pierce, B. A.*, A. E. Wall, A. S. Hall & K. D. McEntire. 2011. Monthly surface abundance, population size and movement of the Georgetown salamander, *Eurycea naufragia*, in two springs of central Texas. Texas Academy of Science; Conservation Ecology; Austin, TX.
- Hall, A. S. 2010. Nocturnal anurans and artificial lighting. Joint Meeting of Ichthyologists and Herpetologists (Stoye Award Competition); Providence, RI.
- Biagas, T. D., A. S. Hall, L. Kromann, A. L. Ritzer & B. A. Pierce. 2010. The natural history and ecology of the Georgetown salamander (*Eurycea naufragia*). Biology Departmental Seminar; Southwestern University; Georgetown, TX.
- Hall, A. S. 2010. Artificial light and nocturnal anuran calling behavior in northern Michigan vernal pools. Student Works Symposium; Southwestern University; Georgetown, TX.
- Biagas, T. D.*, A. S. Hall*, A. L. Ritzer & B. A. Pierce. 2010. Feel free to hit the snooze button: Time of day does not influence surface counts of the Georgetown salamander (*Eurycea naufragia*). Student Works Symposium (Poster); Southwestern University; Georgetown, TX.
- Hall, A. S. 2010. Artificial light and nocturnal anuran calling behavior in northern Michigan vernal pools. Texas Academy of Science; Terrestrial Ecology and Management; Stephenville, TX.

Biagas, T. D.*, A. S. Hall, A. L. Ritzer & B. A. Pierce. 2010. Feel free to hit the snooze button: Time of day does not influence surface counts of the Georgetown salamander (*Eurycea naufragia*). Texas Academy of Science (Poster); Conservation Ecology; Stephenville, TX.

Mingle, M.*, A. Hall, C. Winland, J. Bolton & F. Guarraci. 2010. The paradoxical effects of morphine on sexual motivation in female rats. Southwestern Psychological Association; Southwestern Comparative Psychology Association; Dallas, TX.

**Indicates presenting author(s)*

Other Experience

Lead Instructor; General Zoology Lab; 2011 - 2014

Seasonal Park Ranger; US Army Corps of Engineers; Lake Georgetown, TX; 2012

Instructor; Non-Majors Biology Lab; 2012

Teaching Assistant; Introduction to Animal Behavior; 2010

Webmaster; Animal Behavior; 2008 - 2010

Animal Care Assistant; CityVet Veterinary Clinic, Flower Mound, TX; 2008 - 2009

Photographer; "The Megaphone," SU Student Newspaper; 2007 - 2010

Honors and Awards

Society for the Study of Evolution; Rosemary Grant; 2013; \$1800

Phi Sigma Research Grant; 2013; \$1250

Travel Award of the Graduate Student Senate; 2013; \$750

Departmental Travel Award; UT Arlington Biology; 2013; \$250

Graduate Doctoral Teaching Fellowship; UT Arlington; 2011

Enhanced Graduate Teaching Assistantship; UT Arlington; 2011

Departmental Honors in Animal Behavior; Southwestern University; 2011

Fabritius Award for Outstanding Service; Southwestern University Animal Behavior; 2011

Outstanding Service Award; Alpha Phi Omega; Alpha Gamma Kappa Chapter; 2011

Best Topic in Terrestrial Ecology and Conservation; Texas Academy of Science; 2010

Dean's List; Southwestern University; Two Semesters

Mood Scholar; Southwestern University; 2007 - 2011

Provost's Scholarship; University of Dallas; 2007 (Declined)

Business Departmental Scholarship; University of Dallas; 2007 (Declined)

Distinguished Cadet; Lewisville High School NJROTC; Awarded Three Times

ROTC Leadership Award; Military Order of the Purple Heart; 2006

Eagle Scout; Boy Scouts of America; 2004

Memberships

Society for the Study of Evolution

Society of Systematic Biologists

American Society of Ichthyology and Herpetology

Texas Academy of Science

Media Coverage

Davis, E. (2012, January 25). Research that hits home.

<<http://southwestern.edu/live/news/6414-research-that-hits-home>>

Osborn, C. (2011, February 7). Access limited to Georgetown preserve. *Austin American-Statesman*, pp. B1, B5.

Davis, E. (2010, February 26). Biology professor receives \$25,000 for salamander research. <<http://www.southwestern.edu/newsroom/story.php?id=2206>>

Volunteer Experience

Graduate Student Senate; UT Arlington; 2012

Elected Representative; SU Student Congress; 2009 - 2011

Co-Founder, Publicity Chair; SU Animal Behavior Society; 2008 - 2011

Alpha Phi Omega; National Co-ed Service Fraternity; 2007 - 2011

Student Mentor; Science and Math Achiever Team; Spring/Fall 2009