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Education

- **Ph.D. Wildlife and Fisheries Science** – In Progress – Texas A&M University, College Station, TX. Advisor: Dr. Lee A. Fitzgerald.
- **B.S. Environmental Science** – May 2008 – Class Valedictorian. Graduated *Summa Cum Laude* with Honors. State University of New York College of Environmental Science and Forestry, Syracuse, NY. Honors Thesis title: Permanently aquatic salamander dispersal capabilities; implications for wetland connectivity. Advisor: Dr. James P. Gibbs.

Professional Experience

- **August 2010 – Present** – **National Science Foundation GRFP Fellow**, Department of Wildlife and Fisheries Sciences (D-WFSC), Texas A&M University (TAMU).
- **May 2010 – August 2010** – **Research Assistant**, D-WFSC, TAMU. Project Title: Fragmentation Effects on the Dunes Sagebrush Lizard (*Sceloporus arenicolus*).
- **August 2008 – Present** – **NSF-IGERT Applied Biodiversity Science Fellow**, D-WFSC, TAMU. Project Title: Mechanisms of community assembly in a guild of tropical anurans.
- **May 2008 – July 2008** – **NSF-Research Experience for Undergraduates**, Savannah River Ecology Lab (SREL), University of Georgia (UGA). Project Title: Microhabitat use of permanently aquatic salamanders in an isolated wetland.
- **November 2007 – May 2008** - **Research Assistant**, SUNY College of Environmental Science and Forestry (SUNY-ESF). Project title: Effective culvert placement and design to facilitate passage of amphibians across roads.
- **May 2007 – August 2007** – **NSF-Research Experience for Undergraduates**, SREL, UGA. Project title: Dispersal capability of permanently aquatic salamanders among isolated wetlands.
- **January 2007 – May 2007** - **Research Assistant**, SUNY-ESF.

Teaching Experience

- **January 2010 – May 2010** – **Graduate Teaching Assistant**, Ornithology, TAMU.
- **September 2009 – December 2009** – **Graduate Teaching Assistant**, Natural History of the Vertebrates, TAMU.
- **August 2007 – December 2007** – **Undergraduate Teaching Assistant**, Herpetology, SUNY-ESF
- **September 2005 – October 2007** – **Peer Tutor**, SUNY-ESF.

Students Supervised

- **Olivia Ochoa**. 2009-2010. Department of Biology, TAMU. Project title: Ontogenetic shifts in susceptibility of Southern Leopard Frog (*Lithobates sphenoccephalus*) tadpoles to predation.
- **Christa Vanek**. 2010. D-WFSC, TAMU. Project title: *Leptodactylus bufonius* (Oven Frog) CAAR Account. Co-advised with D.J. Leavitt.
- **Doris Ticona**. 2010-Present. Facultad de Ciencias Agricolas, Carrera Biologia, Universidad Autonoma Gabriel Rene Moreno, Santa Cruz, Bolivia. Project title: Estructura y composicion de la comunidad de macroinvertebrados en ambientes lenticos en el Izozog del Gran Chaco.

Publications

Underlined names indicate an undergraduate student co-author.

- Montaña, C.G., **C.M. Schalk**, D.C. Taphorn. *In review*. First record of Van den Berg's Pearlfish, *Austrolebias vanderbergi* Huber, 1995 (Cyprinodontiformes, Rivulidae) in Bolivia with comments on its diet and reproductive biology. Target Journal: *CheckList*.
- Romano, T.J., D.J. Leavitt, D.E. Dittmer, **C.M. Schalk**, L.A. Fitzgerald. *In review*. Mortality and other potential impacts of pipeline trenches on small vertebrates in southeastern New Mexico. Target Journal: *Western North America Naturalist*.
- **Schalk, C.M.**, F. Morales. *In review*. Predation of a *Rhinella major* (Anura: Bufonidae) by a Pampas Fox (*Lycalopex gymnocercus*) in the Bolivian Gran Chaco. Target Journal: *Herpetology Notes*.
- **Schalk, C.M.**, C.G. Montaña. *In press*. *Liophis poecilogyrus* (Yellow-bellied Liophis) Diet and Foraging Behavior. *Herpetological Review*.
- Acre, M.R., D.J. Leavitt, **C.M. Schalk**. *In press*. A patternless morph of the Marbled Whiptail (*Aspidoscelis marmorata*; Squamata: Teiidae) in New Mexico. *Southwestern Naturalist*.
- **Schalk, C.M.**, C.G. Montaña. 2011. *Ceratophrys cranwelli* (Cranwell's Horned Frog): Diet. *Herpetological Review*. 42: 409-410.
- **Schalk, C.M.** 2010. *Ceratophrys cranwelli* (Cranwell's Horned Frog) Diet. *Herpetological Review*. 41: 471.
- Patrick, D.A., **C.M. Schalk**, J.P. Gibbs, H.W. Woltz. 2010. Effective culvert placement and design to facilitate passage of amphibians across roads. *Journal of Herpetology*. 44: 618-626.
- **Schalk, C.M.** 2010. *Philodryas mattogrossensis* (Two-colored Racer) Diet. *Herpetological Review*. 41: 372.
- **Schalk, C.M.** 2010. *Liophis poecilogyrus* (Yellow-bellied Liophis) Diet. *Herpetological Review*. 41: 366-367.
- **Schalk, C.M.** 2010. *Physalaemus biligonigerus* (NCN) Predation. *Herpetological Review*. 41: 202.
- **Schalk, C.M.**, T.M. Luhring, B.A. Crawford. 2010. Summer microhabitat use of the greater siren (*Siren lacertina*) and two-toed amphiuma (*Amphiuma means*) in an isolated wetland. *Amphibia-Reptilia*. 31:251-256.

- **Schalk, C.M.**, T.M. Luhring. 2010. Vagility of aquatic salamanders: implications for wetland connectivity. *Journal of Herpetology*. 44:104-109.
- **Schalk, C.M.**, B.A. Crawford, T.M. Luhring. 2009. A note on predation of the Greater Siren (*Siren lacertina*). *Bulletin of the Chicago Herpetological Society*. 44:56.

Other Publications

- Smolensky, N., **C.M. Schalk**, and T.J. Hibbitts. 2010. Natural History of the Vertebrates Laboratory Manual (WFSC 302). TAMU.

Platform Presentations (*Presented by co-author)

- **2011. C.M. Schalk**. Community structure of tadpoles along environmental gradients in the Bolivian Gran Chaco.
 - Ecological Society of America, Austin, TX.
- **2010. J.M. Taillon***, **C.M. Schalk**. The potential of aguajal concessions for profitable conservation in the Peruvian Amazon.
 - Texas A&M University's Ecological Integration Symposium, College Station, TX. **2nd place, Graduate Student Oral Competition.**
- **2009. C.M. Schalk**. Mechanisms of community assembly in a guild of tropical anurans.
 - D-WFSC Graduate Seminar, TAMU, College Station, TX
- **2008. C.M. Schalk**. Microhabitat use of permanently aquatic salamanders in an isolated wetland.
 - SREL REU Symposium, Aiken, SC.
- **2008. C.M. Schalk**, T.M. Luhring. Dispersal capabilities of permanently aquatic salamanders; implications for wetland connectivity.
 - Joint Meeting of Ichthyologists and Herpetologists. Montreal, Quebec, Canada.
- **2007. C.M. Schalk**. Dispersal capability of permanently aquatic salamanders among isolated wetlands.
 - SREL REU Symposium, Aiken, SC.
 - SUNY-ESF Herpetology Class, Syracuse, NY.

Poster Presentations (*Presented by co-author)

- **2011. C.M. Schalk** and C.G. Montaña*. Community structure of ponds along environmental gradients in the Bolivian Gran Chaco.
 - TAMU Ecological Integration Symposium, College Station, TX.
- **2009. C.M. Schalk** and L.A. Fitzgerald. Scaling of ecological communities in altered and conserved landscapes.
 - NSF-IGERT Principle Investigator's Annual Meeting, Alexandria, VA.
 - Texas Herpetological Society's Fall Meeting, College Station, TX.
- **2008. C.M. Schalk** and T.M. Luhring. Dispersal capabilities of permanently aquatic salamanders; implications for wetland connectivity.
 - SUNY-ESF Spotlight on Student Research. **Awarded best poster.**

Other Presentations

- **2007. C.M. Schalk, T.M. Luhring.** SREL Outreach. Cub Scout day camp. Augusta, GA.

Conference Organized

- **2010.** 11th Annual Ecological Integration Symposium: Understanding Patterns and Processes Across Scales. Texas A&M University, College Station, TX.

Grants Awarded

- **2011.** GPEF Travel Grant, Department of Wildlife and Fisheries Sciences, Texas A&M University. (\$273).
- **2010.** National Science Foundation Graduate Research Fellowship (NSF-GRF; \$100,500).
- **2008.** National Science Foundation Integrated Graduate Education and Research Traineeship (NSF-IGERT) Applied Biodiversity Science Program at Texas A&M University (\$80,000).

Honors and Awards

- **Honorable Mention,** The National Science Foundation's Graduate Research Fellowship Program, 2009.
- **Class Valedictorian,** SUNY-ESF, 2008.
- **Class Marshal,** SUNY-ESF, 2007-2008.
- **1st Place Best Undergraduate Poster,** SUNY-ESF Spotlight on Student Research. 2008.
- **New York State Math and Science Access Scholarship Recipient,** 2006-2007.
- **Class of 1951 Scholarship Recipient,** SUNY-ESF. 2005-2007.
- **B.P.O. Elks Outstanding Student Scholarship Recipient,** 2004-2007.

Service

- **Co-chair Ecological Integration Symposium Organizing Committee,** Texas A&M University, 2010.
- **Student Representative, Selection Committee,** Applied Biodiversity Science NSF-IGERT Program, Texas A&M University, 2010.
- **Reviewer:** Journal of Herpetology (2011), Journal of the Arkansas Academy of Science (2010)

Professional Affiliations

- Ecological Society of America (2010 – Present)
- Society for the Study of Amphibians and Reptiles (2008 – Present)
- Herpetologist's League (2008 – Present)
- Partners in Amphibian and Reptile Conservation (2007 – Present)
- Texas Herpetological Society (2008 – Present)
- Chicago Herpetological Society (2008 – 2011)

Field Research

- **New Mexico** (Mescalero Sands; 4 months) 2010.
Lizard ecology and conservation.
- **Peru** (Madre de Dios; 3 weeks) 2009.
Applied Biodiversity Science Amazon Field School.
- **Bolivia** (Gran Chaco; 8.5 months) 2009, 2010-2011.
Dissertation Research: Mechanisms of community assembly in a guild of tropical anurans.
- **New York** (Labrador Hollow; 7 months) 2007-2008.
Spotted Salamander (*Ambystoma maculatum*) conservation.
- **South Carolina** (Savannah River Site; 6 months) 2008, 2007.
Siren and *Amphiuma* ecology and conservation.

Language

- **Spanish**