

Education and Certifications

M.S. Masters of Science, Brigham Young University

B.S. Bachelors of Science, Dixie State College

A.S. Associate of Science Dixie State College

Climbing Guide Certification from American Mountaineering Guide Association

Wilderness First Responder Medical Certification

Awards

“**Best Biology Paper for 2010**” Awarded from the Utah National Academy of Science, Arts, and Letters, November 5th 2010

Student of the Semester for Biology, Fall 2010

Publications

- **Jones, A.D.**, Belk, M. *In Prep.* Using Offspring size Versus Quantity Intellectual Framework as a Basis for Improving Repatriation Efforts: A Case Study of the Columbian Spotted Frog (*Rana luteiventris*) (Submitted to Journal of Reptile and Amphibian Conservation August 2013). March 2012
- **Jones, A.D.**, Belk, M. Reznick, D. Langerhans, B. *In Prep.* Within lifetime variation in reproductive life history in four species of the family Poeciliidae, (Planned submission, May 2014)
- **Jones, A.D.**, Sumko, D., Walker, C. Emerging Infectious Disease Chytridiomycosis and the Significance of the Absence of Batrachochytrium dendrobatidis on *Hyla arenicolor* in Zion National Park, Utah National Academy of Science, Arts and Letters. April 2011. April 2011
- Non Peer reviewed
- **Jones, A.D.** Care and Breeding of *Rhacodactylus ciliatus*. The San Diego Herpetological Society Newsletter June 2003

Paid Guest Presentations

- Emerging Infectious Disease Chytridiomycosis and the Significance of the Absence of Batrachochytrium dendrobatidis on *Hyla arenicolor* in Zion National Park March 2011

Poster Presentation

- A Test of the Terminal Investment Hypothesis in Environments with Different Extrinsic Mortality Rates; Ecological Society of America Summer 2012
- Invited Presentation: A Test of the Cost of Reproduction Hypothesis in Different Predation Environment: Dixie State College April 2012
- Emerging Infectious Disease Chytridiomycosis and the Significance of the Absence of Batrachochytrium dendrobatids on Hyla arenicolor in Zion National Park: University of Southern Utah March 2011

Teaching Experience

- **Adjunct Professor of Biology Bio 1615 (majors) and Bio 1015 (non-majors)** Summer 2011-Current
 - Dixie State College, Department of Biology
 - Created and implemented my own curriculum based on the goals of the department chair
 - Prepared and taught lectures for multiple sections
 - Instructed students on proper use of lab equipment
 - Prepared quizzes and test
 - Prepared labs and taught students how to complete experiments
- Updated teaching materials for the department Fall 2013
- **Lab Lecturer for Bio 421 Evolution lab**
 - Lecture and administrate test and quizzes for 2 sections
 - Teach proper use of lab equipment
- Maintain Lab and Equipment Spring 2014
- **Teaching Assistant for Bio 420 Evolution**
 - Help prepare curriculum for 60 students
 - Administer assignments for 60 students
 - Grade assignments
 - Tutor individuals as needed
- **Teaching Assistant for Bio 100 (Marta Adair)** Fall 2011
 - Help prepare and give lectures for 200 students
 - Provide supplementary learning material
 - Graded 200 quizzes weekly
 - Helped write and grade test for 200 students
- **Teaching Assistant for Bio 100 (Mark Belk)** Winter 2011
 - Help prepare and give lectures for 100 students

- Prepare and grade test
- Grade writing assignments
- **Teaching Assistant for Bio 100 (Marci Adams)** Fall 2012
- Help prepare and give lectures for 100 students
- Prepare and give evolution lectures
- Prepare and grade test
Grade writing assignments

Research Experience

- Capture of Burying Beetles for lab study for BYU Summer 2012
- Mark Recapture of Leatherside Chub for BYU and DWR, Yellow Creek and Dry Fork Wyoming Summer 2012
- Mark Recapture of Leatherside Chub, Mountain Sucker, and Speckled Dace for BYU and DWR, Salina Utah Summer 2011
- Mark Recapture of Leatherside Chub, Mountain Sucker, and Speckled Dace for BYU and DWR, Yellow Creek Wyoming Summer 2011
Spring 2010
- Surveyed and Reported Plant Biodiversity for Dr. Marius Van de Merwe at Pioneer State Park, Saint George, UT
- Independent Research in Zion National Park: Travelled the slot canyons and swabbed *Hyla arenicolor* to test for the chytrid fungus that has caused local population extinctions around the world Summer 2009
- Independent research at Dixie State College Molecular Lab: Used PCR to test for chytrid fungus on the samples from *Hyla arenicolor* gathered in Zion National Park Fall 2009
- Masters research on life history; individual reproductive allocations in varying environments Fall 2011-Present
- Optimization of repatriation effort on Columbia spotted frog Fall-2011-Spring-2012

Affiliations/Memberships

- The San Diego Herpetological Society Life Time Member
- Evolution Society of America 2011
- Ecological Society of America 2012
- Western Division of Fisheries 2012

Volunteer Work

- 2008-2010: President of the Outdoor Club: Organized and led activities for students and faculty in hiking, climbing, and canyoneering

- 2010: DSC service learning: Demonstrated chemistry to 30 3rd grade children
- 2000-2003: Naturalist for the city of Escondido, Daily Ranch: Led public hikes to educate them on Flora and Fauna for the local area. Specialized in Reptile Education
- 1998-Present: Boy Scouts of America; Scout leader, Merit Badge Counselor, Climbing council member for the Desert Pacific Council.

Personal Interest

- Research Evolutionary questions about life history
- Reading about science philosophy
- Learning about Autism to help my 7 year old son
- Helping my children learn through structured play
- Outdoor activities that are self-propelled: Hiking, Climbing, Backpacking, Mountaineering, Canyoneering

Oh yea, I am an amazing cook with a Dutch-Oven!