

CURRICULUM VITAE

Education:

- San Angelo Central High School- Fall 2007-Spring 2011, graduated May 2011
- Angelo State University undergraduate- Fall 2011- Fall 2014, graduated with Bachelor of Science in ecology and evolutionary biology December 2014
- Angelo State University graduate- Spring 2015- Fall 2017, graduated with a Master of Science in biology degree December 2017
 - Thesis Title: ENDOPARASITES OF THE DIGESTIVE SYSTEMS OF FOUR SPECIES OF POCKET GOPHERS (GENUS: *GEOMYS*) IN TEXAS
- GPA: 3.641
- 2014 GRE Scores:
 - Verbal Reasoning: 158
 - Quantitative Reasoning: 148
 - Analytical Writing: 4.0

Notable Coursework:

- Mammalogy- studied ecology and evolution of mammals; gained field experience
- Ecology- studied the interactions between plants, animals, and their environments; expanded knowledge of field techniques
- Evolution- studied the evolutionary history of some groups of organisms as well as the mechanisms driving evolution
- Botany and Plant Taxonomy- studied the features of plants and the unifying characteristics of some plant families
- Chemistry and Biochemistry- studied molecular structures of chemical substances and the interactions between atoms
- Advanced Instructional Methods in Science Education- studied pedagogy, especially the pedagogy related to science education, and instructional methods
- Biometry- studied biostatistics, statistical models, and gained a moderate understanding of the program R
- Ecological Applications of GIS- learned how to use ArcGIS with an emphasis in using GIS for ecological studies

Work Experience:

- Angelo State University Natural History Collections- Fall 2014-Spring 2015 Student assistant: responsibilities include osteoscribing, installing, maintaining databases, assisting curators, etc.
- Graduate Assistant- Spring 2015-Spring 2016 Graduate assistant: responsibilities include

setting up labs for professors, cleaning labs, working with natural history collection employees to install and reinstall museum specimens, assisting professors, etc.

- San Angelo Museum of Fine Arts - Fall 2015-present Museum educator/ summer camp mentor/ summer camp lead mentor: responsibilities include leading art and science based activities, maintaining studio space, writing curriculum, instructing children ages 7-12, etc. Lead mentor responsibilities include leading other camp mentors, organizing camp, problem solving, in addition to normal mentor responsibilities
- Teaching Assistant- Fall 2016-Fall 2017-Teaching assistant: responsibilities include instructing students in labs (Human Biology and Man and the Environment), holding regular office hours, grading, etc.
- Adjunct- Spring 2018-Present Adjunct- responsibilities include instructing students in labs (Human Biology and Man and the Environment), holding regular office hours, grading, etc.
- SAISD Substitute Teacher- Spring 2018-Fall 2018 Substitute teacher: responsibilities include maintaining classroom order, passing out and facilitating assignments, following teacher instructions, communicating with the classroom and other faculty and staff, as well as the absent teacher, adapting to new environments, etc.
- SAISD Science Teacher- Fall 2018- Present Teacher: responsibilities include classroom management, facilitating assignments, designing and implementing engaging lessons, assessing student growth, communicating with the classroom and other faculty and staff, adapting to new environments, etc.

Other Skills and Experience:

- Volunteer Gymnastics Coach- 2009-2011- served as a volunteer instructor at Central High School for beginner's gymnastics classes (children aged 5 and up)
- Field Assistant- Intermittently- responsibilities include helping other graduate students and professors trap animals, collect insects, maintain field equipment, etc.
- Study Abroad in Costa Rica- Summer 2014- studied ecology, conservation, and ecotourism
- Texas Society of Mammologists Member- 2014, 2015, 2016
- Volunteer Roller Derby Assistant Coach- 2017- responsibilities include teaching children aged 7-17 fundamental derby skills on and off roller skates and serving as a role model and mentor
- Program R- Moderately proficient at running statistical analyses in the open source program R
- ArcGIS- Moderately proficient at inputting data, constructing maps, and analyzing spatial data
- Museum preparation- Proficient at skinning, stuffing, and pinning mammalian museum specimens as well as collecting tissues and taking measurements; familiar with alcoholic preparation
- SAFE board member- Served on the board for San Angelo Friends of the Environment beginning Summer 2018 through 2023
- Director of The Mad Mouse Zoodio-2020-present- Founding board member and director of an educational, science and nature-based non-profit corporation, The Mad Mouse Zoodio.

Presentation Experience:

- Spring 2016- presentation of graduate thesis research at the Texas Society of Mammalogists annual meeting
- Spring 2016- presentation of graduate thesis research at the Southwestern Association of Naturalists meeting in Mexico City
- Spring 2016- presentation of graduate thesis research at the Angelo State University Graduate Research symposium
- Spring 2017- oral presentation at the Southwestern Association of Naturalists meeting in Lawton, Oklahoma
- Summer 2019-present- yearly presentation at San Angelo ISD STEM camp on various STEM topics to audiences of 2nd through 5th grade students
- Summer 2019- present- yearly presentations on animals and their adaptations to students at SAMFA Art of Nature camps aged 2nd through 5th grade
- Summer 2019- present- yearly presentations on animals and their adaptations to students at West Texas Rehab summer camps
- Summer 2021- presentation at Learning Palooza, San Angelo Independent School District's professional learning event; presented on breaking down TEKS and resources to help with planning
- Summer 2022- presentation at Learning Palooza, San Angelo Independent School District's professional learning event; presented on using Disney's Mickey's 10 Commandments to innovate in the classroom
- Summer 2023- presentation at Learning Palooza, San Angelo Independent School District's professional learning event; presenting on keeping pets in the classroom and designing lesson plans that incorporate animals

Grants and Funding:

- Graduate Fellowship Grant- Fall 2015- \$500 provided by Angelo State University to aid in the completion of graduate research
- Head of the River Ranch Travel Grant- Spring 2016- \$500 provided by the Head of the River Ranch for travel to Mexico City to attend the Southwestern Association of Naturalists meeting
- San Angelo Schools Foundation Grant- Fall 2022- \$1100 provided by the San Angelo Schools Foundation to provide water bottles to every 7th grader at Lincoln Middle School and complete a water conservation and plastic waste project