

Robert W. Stewart

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Personal Statement:

I am a high school and adjunct college instructor at Olney High School in Olney, TX and am employed through Angelo State University . I also own and operate a fly fishing guide service called Brazos on the Fly and have been in business since 2019. I have worked as a grocery store employee and manager, field biologist, lab technician, ranch hand, and educator.

Education:

Master of Science, Biology, Midwestern State University, Wichita Falls, TX, May 2016.

THESIS: *Biodiversity Of The Small Mammals In Two Varied Habitats Within*

The Dalquest Desert Research Station (Successfully defended April 14, 2016)

Bachelor of Science, Biology (Option B: Organismal), Minor: History. Midwestern State University, Wichita Falls, TX. December 2013

Scholarships:

MWSU Gold Scholarship, Fall 2014-Spring 2015

MWSU Presidential Excellence Scholarship, Spring 2015

Dr. Walter Dalquest Research Assistantship Scholarship, Spring 2015

Campus Involvement:

Student Conduct Committee, 2008

Related Academic Coursework:

Undergraduate Credit:

Biology:

General Zoology
General Botany
Entomology
Comparative Anatomy of Vertebrates
Biogeography
Vertebrate Zoology
Wildlife Management
Principles of Biology I & II
Field Zoology
Plant Anatomy
Genetics

Chemistry:

General Chemistry I & II
Organic Chemistry I

Mathematics:

Algebra
Trigonometry
Probability & Statistics

Physics:

General Physics I & II

Geology:

Historical Geology
Physical Geology
Foundations of Env. Science

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Graduate Credit:

Biology:

Discussions in the Biological Sciences
Writing in the Biological Sciences
Ecology
Evolution and Systematics
Mammalogy

History of the Biological Sciences
Herpetology
Tropical Rainforest Ecology
Speciation/Phylogenetic Techniques
Araneology

Professional Experience:

Owner, Operator, and Guide (March 2019-Present)

Supervisor: Will Stewart

Brazos on the Fly, LLC Guide Service

www.brazosonthefly.com

Olney, TX 76374

Work Schedule: Part-time as guide, mechanic, bookkeeper, manager, owner, fly tyer, and entertainer.

Duties: Ensure that clients have a safe and enjoyable experience with my guide service from the first point of contact during booking, throughout the fishing trip, and any post-trip follow up communication. Use QuickBooks Self-Employed to manage finances. Create and distribute promotional materials. Manage booking service, social media, and website. Attend trade shows and promote business with booth sales.

High School and Dual Credit Instructor (August 2017-Present)

Supervisor: Matt Caffey

Olney Independent School District

Olney High School/Angelo State University

Olney, TX 76374

Work Schedule: Full time as an instructor of on-level chemistry, dual credit biology, dual credit anatomy and physiology, and other related courses

Duties: Educate, to the best of my ability, high school aged students in science courses. My goal for my students was that they achieve high standards of comprehension and application in addition to teaching them to be scientifically literate to better lead them through the litany of media and reporting we are subject to in this day and age.

Whooping Crane Biomonitor (March 2016-April 2016)

Searcher Efficiency Trial Coordinator (March 2016-April 2016)

Supervisor: Tiffany Lyon

Shannon Wind Farm, Alterra Power, Windthorst, TX 76389

Western Ecosystems Tech, Inc.

Cheyenne, WY 82001

Work Schedule: Full time as crane monitor and part-time as trial coordinator

Duties: Monitor a wind energy facility for the occurrence of Whooping Cranes (*Grus americana*).

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Teaching Assistant (August 2014-January 2015)

Supervisor: Dr. Ray E. Willis

Midwestern State University

Wichita Falls, TX 76308

Work Schedule: PT, not to exceed 16 hours per week.

Duties: Teach vertebrate zoology, assist with field trips, assist with curating of MWSU vertebrate collection.

Graduate Lab Assistant (February 2014-May 2014)

Midwestern State University

Supervisor: Dr. Magaly Rincon-Zachary

Wichita Falls, TX 76308

Work Schedule: As available, not to exceed 10 hours per week.

Duties: Provided services to maintain a supply of clean labware and supplies.

Searcher Efficiency Trial Coordinator and Back-Up Fatality Searcher

(May 2012-February 2013)

Supervisor: Jennifer Taylor

Trinity Hills Wind Farm, BP, Olney, TX 76374

Tetra Tech Environmental Consulting

Portland, Oregon 97201

Work Schedule: PT, 2-3 days per week, 10-20 hours per week

Duties: Perform searcher efficiency trials to determine efficacy of the fatality search team at the wind farm. I also assisted in searching for fatalities when necessary. Inventory of searcher efficiency trial carcasses was also maintained.

Radio Telemetry Technician (September 2012- December 2012)

Quail Tech Alliance

Supervisor: Dr. Brad Dabbert

Texas Tech University

Lubbock, TX 79409

Work Schedule: PT, 2-3 days per week, not exceeding 20 hours per week.

Duties: Performed telemetry surveys of released Northern Bobwhite quail (*Colinus virginianus*) coveys on two north Texas ranches. Also conducted call counts to monitor the coveys on these ranches.

Other Work Experience

Manager (2016-2017)(employed in other positions since 2003)

Stewart's Food Store

Manager: Homer Molina

Olney, TX 76374

Work Schedule: Full Time

Duties: Sales, inventory management, product ordering, employee management and training, hiring, meat cutting, stocking, customer service, conflict resolution, and other duties as required.

Family Farm/Ranch/Hunting Lease Assistant (2003-present)

Supervisor: Robert Stewart

Work Schedule: As available or needed.

Duties: guide hunts, eco-tours, work cattle, work bison, manage range habitats, and any other duties as assigned.

Professional Skills

- Proficient with managing a website
- Proficient with managing business finances and taxes using QuickBooks Self-Employed
- Able to multitask and maintain work in relation to deadlines.
- Excellent customer service skills and communication
- Efficiently manage bookings and pre-trip information distributions
- Knowledgeable about fly fishing techniques and skills and educating new anglers
- Experienced with some saltwater fly fishing on the Gulf Coast and in Belize
- Proficient with Microsoft Office products such as Word, Excel, and PowerPoint.
- Excellent technical and standard writing skills.
- Proficient with graph and table creation in relation to experiments and laboratory reports.
- I am capable of reading and understanding primary scientific literature, scientific journal articles, etc.

Laboratory Skills

- Ability to use sight and or dichotomous keys to identify mammals, spiders, birds, amphibians, and reptiles based on live specimens, full body remnants, and some skeletal or pelt remains.
- Understand the importance of museum collections and the importance of preserving these for the use of education and research.
- Knowledge of routine pest control methods in a museum collection
- Knowledge of dermestid colony use and care.
- Knowledge of standard dissection techniques of common vertebrate lab specimens.
- Ability to prepare mammal, insect, and arachnid museum specimens and press plant specimens.
- Proficient with compound and stereo microscopes.
- Some use of sampling equipment in environmental and geological classes.
- Ability to make wet mount slides and permanent slides of plant tissues and invertebrate specimens.
- Ability to conduct accurate laboratory procedures according to the lab supervisor instructions or established protocol.
- Brief experience with PCR and tissue sampling

Field Skills

- Able to effectively guide clients on half-day and full-day fly fishing trips on the Brazos River in North Central Texas
- Able to run and maintain a 16' lightweight skiff with a 40/30 HP jet outboard motor.
- I am familiar with and able to use VHF Radio telemetry equipment.
- I am familiar with all ecological regions in Texas but am most knowledgeable with the Rolling Plains and Trans-Pecos flora, fauna, and ecology.

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- I have a competent knowledge of bison herd management, white-tailed deer management, quail management, and safety around large animals.
- I am physically fit, 155 lbs. and able to carry a loaded pack with approximately 40-60 pounds with ease.
- I am proficient in field identification of much of the flora and fauna of Texas and some specimens from surrounding states
- I have a working knowledge of trapping techniques for rodents, bats, predators, small mammals, insects, and some reptiles.
- I have a working knowledge of primitive backcountry camping equipment, safety, and techniques.
- Ability to identify fossilized material.
- Ability to set up and maintain trail/game cameras.
- Proficient in use of hand held GPS units.
- Ability to work in inclement and changing weather and rough backcountry areas.
- I can operate ATVs and tractors.

Professional Organizations

American Society of Mammalogists, January 2014- January 2017
Southwest Association of Naturalists, January 2015- January 2017
Texas Society of Mammalogists, January 2014- December 2017
American Fly Fishing Trade Association, March 2017- Present

Publications

1. A Case of Tail Mutilation in a North Texas Specimen of the Pleistocene *Dasypus bellus* (Xenarthra: Dasypodidae). 2010 The Texas Journal of Science. (with Frederick B. Stangl Jr. and Dana R. Mills)
2. Geographic Distribution expansion of *Plestiodon tetragrammus brevilineatus* (Short-lined Skink). 2014 Herpetological Review 45(3) pp. 464. (with Matthew R. Fox and Charles M. Watson.)

Presentations

1. Stewart, Robert W. and R.E. Willis. *Biodiversity Of The Small Mammals In Two Different Habitats Within The Dalquest Desert Research Station* (2015, February). Poster presented at Texas Society of Mammalogy annual meeting in Junction, TX.
2. Stewart, Robert W. and R.E. Willis. *Biodiversity Of The Small Mammals In Two Different Habitats Within The Dalquest Desert Research Station* (2015, April). Poster presented at the Southwest Association of Naturalists annual meeting in San Diego, CA.
3. Stewart, Robert W. *Texas Animals* (2015, April). Volunteer presentation for the Olney Elementary School Kindergarten class during their 'Texas Week' in Olney, TX.
4. Stewart, Robert W. and R.E. Willis. *Biodiversity Of The Small Mammals In Two Different Habitats Within The Dalquest Desert Research Station* (2016, February). Oral presentation at Texas Society of Mammalogy annual meeting in Junction, TX.
5. Stewart, Robert W. and R.E. Willis. *Biodiversity Of The Small Mammals In Two Different Habitats Within The Dalquest Desert Research Station* (2016, April). Oral presentation and defense of graduate thesis at Midwestern State University in Wichita Falls, TX