

Daniel A. Guerra

Curriculum Vitae – December 2020

13031 Park Crossing #1204 • San Antonio, TX 78217
Phone: (210) 852-3754 • E-mail: dag143@txstate.edu

PRIMARY EDUCATION

- 2021 – Present TEXAS STATE UNIVERSITY, San Marcos, TX
Aquatic Resources and Integrative Biology. Dissertation: TBD project on
Gopherus berlandieri
- 2018 – 2020 Graduated December 2020. TEXAS STATE UNIVERSITY, San Marcos,
TX
Population and Conservation Biology. Thesis: Characterization of Texas
Tortoise (*Gopherus berlandieri*) Home Ranges, Habitat Use, and
Landscape-Scale Habitat Connectivity in Cameron County, Texas.
- 2015 – 2018 Graduated May 2018. TEXAS A&M UNIVERSITY – SAN ANTONIO,
San Antonio, TX
Biology with Teaching Certification.

APPLICABLE SKILLS AND CERTIFICATIONS

- Obtained IACUC certification and NPS Research permit for handling of Texas Tortoise (*G. berlandieri*) at Palo Alto Battlefield National Historical Park
- Experienced with radio telemetry equipment and techniques
- Experienced with ArcGIS software and Circuitscape modeling software

FIELD RESEARCH EXPERIENCE

TEXAS STATE UNIVERSITY San Marcos, TX 78666

Thesis Field Technician – G. berlandieri (Texas Tortoise) 2020

- Outfitted thirteen tortoises with data loggers and VHF transmitters
- Relocated tortoises monthly to replace loggers to aggregate data
- Assisted Gulf Coast Inventorying and Monitoring Network with annual Texas Tortoise surveys, 2019-2020

WORK EXPERIENCE

TEXAS STATE UNIVERSITY San Marcos, TX 78666

Instructional Assistant 2018-Present

- Taught Functional Biology (Bio 1130) labs, 2 three-hour labs per week
- Introduced science majors to basic lab skills i.e. pipetting, spectrophotometry, etc.
- Did additional preparatory work – made solutions, set up lab equipment, and was on call for issues IA's had

TEXAS A&M UNIVERSITY – SAN ANTONIO San Antonio, TX 78224

Adjunct Faculty 2020-Present

- Taught General Biology I (Bio 1106) and General Biology II (Bio 1107) labs
- Introduced science majors to basic lab skills i.e. pipetting, spectrophotometry, etc.

GRANTS AND SCHOLARSHIPS

- 2019 – Texas State Thesis Research Support Fellowship
- 2020 – Lockheed-Martin Diversity Inclusion Grant, Desert Tortoise Council
- 2020-2021 – W.E. (Henry) Norris Jr. Scholarship Fund
- 2021 – Spoonamore Doctoral Merit Fellowship

REFERENCES

Dr. Joseph Veech (Major Advisor, 2018-Present)

Professor, Texas State University, Biology Department, 601 University Drive, San Marcos, TX 78666

Phone: (512)-245-7909

E-mail: jv27@txstate.edu

Dr. Todd Esque (Thesis Committee Member)

Research Ecologist, USGS, Western Ecological Research Center, Las Vegas Research Station, 160 N. Stephanie Street Henderson, NV 89074

Phone: (702)-564-4506

E-mail: tesque@usgs.gov