

Curriculum Vitae

Jonathan Duran

jduran63@unm.edu

EDUCATION

M.S., Biology, University of New Mexico, (in progress)

B.S., Biology (Concentration in Ecology, Evolution, and Organismal Biology), University of New Mexico, May 2020

A.S., Biology, Central New Mexico Community College, August 2018

RESEARCH INTERESTS

I am broadly interested in the community ecology and conservation of reptiles and amphibians.

RELEVANT EMPLOYMENT

February 2021 – January 2022	Research Technician, Barrow Lab, Department of Biology, University of New Mexico
September 2018 - May 2020	Lab Technician, Rudgers-Whitney Lab, Department of Biology, University of New Mexico
September 2017 - September 2018	Curatorial Assistant, Museum of Southwestern Biology (Division of Amphibians and Reptiles), University of New Mexico

SKILLS

Laboratory: Stable isotope analysis, DNA extraction, gel electrophoresis, PCR, PCR cleanup, Qubit

Trapping: freshwater turtles, small mammals

Specimen Preparation: reptiles, amphibians, small mammals, insects

Programming and Software: Geneious, ArcGIS, R, Excel

GRANTS

2018 Abundance and Distribution of the Sonora Mud Turtle (*Kinosternon sonoriense*) along the Upper Gila River in New Mexico. American Turtle Observatory. \$650

PRESENTATIONS

Duran, Jonathan, and J. Tom Giermakowski. Abundance and Distribution of Sonora Mud Turtles Along the Upper Gila River In New Mexico. 8th Natural History of the Gila Symposium. Poster Presentation, February 2020.

Duran, Jonathan, and J. Tom Giermakowski. Abundance and Distribution of Sonora Mud Turtles Along the Upper Gila River In New Mexico. 52nd Joint Annual Meeting Arizona and New Mexico Chapters of the Wildlife Society. Poster Presentation, February 2019.

RELEVANT UPPER DIVISION COURSEWORK

Herpetology, General Vertebrate Zoology, Principals of Ecology, Evolution, Conservation Biology, Global Change Biology, Introductory Mathematical Biology, Elements of Mathematical Statistics and Probability Theory, Introduction to Geographic Information Systems, Elemental Ecology (Stable Isotope Ecology), Paleoclimatology

VOLUNTEER WORK

2017 Surveying southwestern New Mexico with Dr. Tom Giermakowski for Gila monsters (*Heloderma suspectum*), <http://www.wildlife.state.nm.us/gila-monsters-enough-said/>

2006, 2007 Hurricane relief work in New Orleans, Louisiana.

POPULAR WRITING

UNM Department of Biology BioBlog ([unm-bioblog](#)) [Troubled Times for Turtles](#)

REFERENCES

Dr. Lisa N Barrow; Assistant Professor & Curator, University of New Mexico, Museum of Southwestern Biology, Division of Amphibians and Reptiles, CERIA 83, Albuquerque, New Mexico; e-mail: lnbarrow@unm.edu; phone: 505-277-3524

Dr. J. Tom Giermakowski; Sr. Collection Manager, University of New Mexico, Museum of Southwestern Biology, Division of Amphibians and Reptiles, CERIA 83, Albuquerque, New Mexico; e-mail: tomas@unm.edu; phone: 505-277-5130

Dr. Steven Poe; Associate Professor, University of New Mexico, Castetter Hall 88, Albuquerque, New Mexico; e-mail: anolis@unm.edu; phone: 505-277-5140