TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Marie Nicole White Title: Graduate Student

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
M.Sc.	2020	The University of Memphis	Earth Sciences (Geology)	"Stratigraphic and paleoenvironmental analysis of the early Pleistocene Lake Tecopa Beds, southeastern California"
B.Sc.	2016	Murray State University	Geosciences (Earth Science)	"Evidence of Late Pleistocene and Holocene paleo-Critical Zones at Gona, Ethiopia"

D. Relevant Professional Experience

2023: Summer GIS internship with the Texas Water Development Board; Flood Science and Community Assistance team.

E. Other Professional Credentials (licensure, certification, etc.)

2020: Certificate in Geographic Information Systems

II. TEACHING

B. Courses Taught:

As Graduate IA:

University of Memphis: The Earth Through Time (ESCI 1440)
Texas State University: Introduction to Physical Geography (GEO 2410), Geomorphology (GEO 3425), Field Methods in Geography (GEO 4/5/7430)

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

Stinchcomb, G.S., Quade, J., Levin, N.E., Iverson, N., Dunbar, N., McIntosh, W., Arnold, L., Demuro, M., Duval, M., Grun, R., Zhao, J., **White, M**., Rogers, M., and Semaw, S., 2023. Fluvial response to Quaternary Hydroclimate in Eastern Africa: Evidence from Gona, Afar: *Quaternary Science Reviews* (309).

3. Conference Proceedings:

a. Refereed Conference Proceedings:

White, M., Krause, S., Holliday, V., and Greenwald, D. 2023. A preliminary investigation of Holocene hydrology using alluvial sequences from the Rio Tularosa, New Mexico. Geological Society of America Annual Meeting, Pittsburgh, PA.

White, M.N., and Krause, S. 2022. Late Quaternary Hydroclimate and Human Occupation in New Mexico: Opportunities for new research. Texas State University's Geography and Environmental Studies Student Research Symposium.

White, M.N., Larsen, D., and Robbins, O., 2022. Revising the early Pleistocene lacustrine history of paleo Lake Tecopa: new insights from stratigraphy and geologic mapping. Geological Society of America Annual Meeting, Denver, CO.

White, M.N., Larsen, D., and Robbins, O., 2022. Early Pleistocene Pluvial Lake Environments of the Tecopa Basin, southeastern California, USA. Geological Society of America Rocky Mountain/Cordillera Annual Section Meeting, Las Vegas, NV.

White, M.N., Takashita-Bynum, K.K., Stinchcomb, G.E., Quade, J., Levin, N.E., Iverson, N., McIntosh, W., Dunbar, N., Arnold, L.J., Duval, M., Rogers, M.J., and Semaw, S., 2019. Reconstructing the African Humid Period Paleoenvironment using Paleosols. Kentucky Academy of Science Annual Meeting, Berea, KY.

White, M.N., Takashita-Bynum, K.K., Stinchcomb, G.E., Quade, J., Levin, N.E., Iverson, N., McIntosh, W., Dunbar, N., Arnold, L.J., Duval, M., Rogers, M.J., and Semaw, S., 2019. Evidence of Late Pleistocene and Early Holocene paleo-Critical Zones archived in paleosols at Gona, Ethiopia. Geological Society of America Annual Meeting, Phoenix, AZ.

5. Other Works not in Print:

a. Works "submitted" or "under review":

Stinchcomb, G.S., Levin, N.E., Quade, J., Leiss, A.C., Arnold, L., Duval, M., Demuro, M., Grun, R., Yost, C.L., Iverson, N., McIntosh, W., Dunbar, N., Zhao, J-z., van der Made, J., Stone, J.R., **White, M.N**., Takashita-Bynum, K., Brown, F.H., Gilbert, H., Rogers, M.J., and Semaw, S., in review. Last interglacial Awash River was a corridor for Homo sapiens Out of Africa: *Nature*.

b. Works "in progress":

White, M.N., and Larsen, D. Revisiting the Early Pleistocene Tecopa Basin: Evidence of Plio-Pleistocene saline lakes from stratigraphy, geochemistry, and geologic mapping.

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

2021: NSF/GSA Graduate Student Geoscience Grant: "Reconstructing early Pleistocene lacustrine environments in the Tecopa Basin, California"
USGS EDMAP Grant: "Geologic Mapping of the Resting Springs SW and Tecopa NW 7.5' Quadrangles, California: Investigation of a significant Quaternary paleoclimate record and geologic controls on modern groundwater resources."
2019: Southeast GSA Undergraduate Research Grant: "Analysis of a lithic-bearing paleosol at the Clovis-aged Topper Site, South Carolina".

3. Funded Internal Grants and Contracts:

2022: Texas State University Doctoral Merit Fellowship
2020: University of Memphis College of Arts and Sciences Travel Enrichment Grant
Murray State University ORCA Research Grant: "Site formation processes of the Yaalu Archaeological Site during a period of anatomically modern human migration"

IV. SERVICE

A. Institutional

1. University: Texas State University

2. College: College of Liberal Arts

3. Department/School: Geography and Environmental Studies

2023-2024: Member of the Geography Graduate Student Graduate Forum; PhD faculty representative (2023-current), GeoCats blog editor (2024-current).