

Michael Ryan Gates

Curriculum Vitae

Department of Anthropology, 5240 Sewell Social Sciences Building
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EDUCATION

May 2019 BA, Anthropology, Michigan State University
Minor, Geographic Information Systems, Michigan State University

PROFESSIONAL EMPLOYMENT

2020 – 2022 GIS Technician, Bureau of Land Management Elko District, Great Basin Institute
Rectify and add geospatial data for cultural resource reports that were incorrectly or poorly documented in ArcGIS. Manage a large geodatabase between multiple editors and share results with both federal and state agencies. Assist in fieldwork and site monitoring for cultural resources administered by the BLM.

RESEARCH INTERESTS

Bronze Age archaeology, rise of complex states, southern and central Asia, long-distance trade patterns, power relationships between states, cultural-environmental relationships, geographic information systems, GIS database management, cartography

HONORS AND AWARDS

K. N. Dikshit Welcome Prize (2022)
Foreign Language and Area Studies Fellowship – Pashto (2022)
Provost Undergraduate Research Initiative Award (2018)

MUSEUM AND LABORATORY WORK

Intern

Michigan State University Department of Anthropology, (September 2018 – April 2019)
Assisted Dr. Jodie O’Gorman in spatial analysis research of Morton Village and other Oneota archaeological sites across the upper Midwest using ArcGIS. Analyzed the distribution of ceramics at Morton Village by cultural affiliation and determined if intermingling could be detected between Oneota and Mississippian groups.

Intern

Sanford Museum & Planetarium, (May 2017 – August 2017)
Assisted in local archaeological excavations at an Oneota village. Catalogued and securely stored artifacts that had been poorly archived. Digitized notes and photographs from previous excavations. Conducted research on historic artifacts and presented findings to museum patrons.

Lab Volunteer

Michigan State University Department of Anthropology, (September 2016 – December 2017)
Cleaned, identified, and catalogued artifact collections from past excavations. Assisted professors and graduate students in locating and identifying artifacts from the repository for research projects. Collections deemed improperly stored were taken out and given new labels and archive containers.

ARCHAEOLOGICAL FIELD PROJECTS

Goshute Valley ARPA Mitigation Collection

Crew Member: 2021

Elko Hills Class III Survey

Crew Co-Leader: 2021

Bureau of Land Management Elko District Site Monitoring

Crew Member: 2020-2022

Iowa Department of Transportation Salvage Excavations at Cherokee, IA

Museum Intern: 2017

Michigan State University Excavations at Lewiston, IL

Field school student: 2016

PUBLICATIONS

Articles

1. Gates, Michael. 2017. "Perrin Site". *Northwest Chapter of the Iowa Archaeological Society*. 66 (2): 3

Posters

1. Gates, Michael. 2018. "Spatial Analysis of Ceramics at Morton Village." Second Annual Anthropology Research Symposium and Showcase for Undergraduate Students, East Lansing, MI.
2. Gates, Michael. 2017. "Lithic Analysis of the Perrin Mink Farm Site." First Annual Anthropology Research Symposium and Showcase for Undergraduate Students, East Lansing, MI.

LANGUAGES

Pashto (Elementary)

German (Elementary)

Japanese (Elementary)