Damon A. Mullen

Department of Geography

Ohio State University

154 N Oval Mall

1036 Derby Hall

Columbus, Ohio 43210

mullen.289@osu.edu

**EDUCATION**

2021- Ph. D. Student, (pre-candidacy) in Geography

 The Ohio State University – Geography and Atmospheric Sciences Department

Dissertation: “Employing Paleoclimate Data and Agent Based Modeling to Modify and Constrain Theories pertaining to the Peopling of the Americas”

2019-2021 M.A., Interdisciplinary Anthropology Focusing on Archaeology

 Kent State University – Anthropology Department

Thesis: “Comparison of Maximum Forces Required to Penetrate Ten and Twenty Percent Ballistics Gelatin, Meat, and Clay to Assess Variation Between Target Media in Arrow Penetration Studies”

2015-2019 B.A., *Summa Cum Laude* in Multidisciplinary Studies Focusing on Anthropology and GIS

 University of Akron – Anthropology Department

 Areas of Concentration: Anthropology (Major), Classical Studies (Minor), Field Archaeology (Certificate)

 Honor’s Thesis: “A Pilot Study Comparing the Penetration Properties of Bilobed and Trilobed Bronze Arrowhead Points Modeled from Neo-Assyrian Finds from Ziyaret Tepe, Turkey”

1996-1998 A.A.P., *Phi Theta Kappa* in Geo Graphics (GIS/GPS Technology)

 Hocking College – Natural Resources Department

 Areas of Concentration: GIS, GPS, Surveying and Mapping, Computer Science

 Internship – Ohio Rural Development Partnership

**GRANTS & SCHOLARSHIPS**

2022 Teaching Assistantship – Ohio State University, Geography

2021 Teaching Assistantship – Ohio State University, Geography

2021 Teaching Assistantship – Kent State University, Anthropology

2020 Teaching Assistantship – Kent State University, Anthropology

2020 GSS Research Grant – Kent State University, Graduate Student Senate

2020 GSS International Travel Award – Kent State University

2020 GSS Book Award – Kent State University, Graduate Student Senate

2019 Teaching Assistantship – Kent State University, Anthropology

**PUBLICATIONS**

**2021 Mullen, D.,** Matney, T., Morrison, A., Fisch, M., Buchanan, B., Bebber, M.R.

An Experimental Assessment of Neo-Assyrian Bronze Arrowhead Penetration: Comparing Bilobate versus Trilobate Morphologies. *Journal of Archaeological Science: Reports*

Eren, M.I., Bebber, M., Mika, A., Flood, K., Maguire, L., Norris, D., Perrone, A., **Mullen, D.**, Centea, S., Centea, C., Christy, B., Daud, R., Jackson, J., Patten, R., Redmond, B., Buchanan, B., Haythorn, R., Miller, G., Conaway, M., Biermann Gürbüz, R., Lycett, S., Kilby, D., Andrews, B., MacDonald, B., Boulanger, M., Meltzer, D.

(In Press) The Nelson Stone Tool Cache, North-Central Ohio, U.S.A.: Assessing Its Cultural Affiliation. *Journal of Archaeological Sciences: Reports*.

Eren, M.I., **Mullen, D.**, Spurlock, L., Christy, B., Miller, G. L., Buchanan B., Bush, J., Bebber, M.

Technical Descriptions of Artifacts from the Dresden Mound Cache, Ohio. Submitted to *Current Research in Ohio Archaeology 2021*

**Damon Mullen**, G. Logan Miller, Briggs Buchanan, Fernando Diez-Martin, Todd St. John, Metin I. Eren1, Michelle R. Bebber

Late Archaic and Early Woodland Stone Tools from Killbuck, Holmes County, Ohio. *Current Research in Ohio Archaeology 2021*

**PRESENTATIONS**

**2022 Presenter** – Parasites, Paleoclimate, and the Peopling of the Americas II – Paleopathology Association of Europe 23rd Annual Conference

**2022 Presenter** – Parasites, Paleoclimate, and the Peopling of the Americas II – Paleopathology Association of North America 49th Annual Conference

**2019 Guest Lecturer** – Late Bronze Age / Early Iron Age Transition in the Mediterranean – Ancient Civilizations – Kent State University – Instructor: Dr. Michelle Bebber

**2018 Guest Lecturer** – Applications of GIS in Archaeology – Archaeological Lab Methods – University of Akron – Instructor: Dr. Eugenia Gorogianni

**TEACHING EXPERIENCE**

**Au-2022 Lab Instructor** – Ohio State University – Geospatial Database for GIS

**Sp-2022 Teaching Assistant –** Ohio State University – Global Climate Change

**Au-2021 Lab Instructor** – Ohio State University – Cartography (In-person)

**2019-2021 Lab Instructor** – Kent State University – Issues in Human Evolution Lab

 (In-person, Remote Synchronous, and Online formats)

**2001-2012 Work Planning Software Training Instructor** – Davey Resource Group

**RESEARCH EXPERIENCE**

**2022-Current Hookworm Climatic Thresholds** – Co-investigator with Drs. John Hawdon and Dr. Alvaro Montenegro

**2021-Current Paleoclimatic Conditions and the Ancient Hookworm** – Primary Investigator with Dr. Alvaro Montenegro

**2021-Current Ziyaret Tepe GIS and Mapping** – Development of GIS Mapping and Database system for the Ziyaret Tepe Archaeological Site

**2019 Geometric Morphometrics Entry Technician** – University of Akron under Dr. Michael Shott. Digitization of Morphometric indices on photographs of stone points

**2017-2019 Research Assistant** – University of Akron under Dr. Eugenia Gorogianni.

 GIS development and map generation, Database development, Network Analysis tool use

**2018 Map Generation** – University of Akron under Linda Whitman, M.A.

 Map generation for Prather site

**DEPARTMENT SERVICE**

**2020 Evolution Lab Co-Coordinator** – Kent State University under Dr. Anthony Tosi

**ARCHAEOLOGY FIELD EXPERIENCE**

**2019 Field Technician** – Hartley Mastodon Site under Dr. Michelle Bebber

**2019 Field Technician** – Multiple Sites under Eric Olson M.A.

**2018 Student Technician** – Prather Site under Linda Whitman M.A.

**2018 Field Technician** – Multiple Sites under Eric Olson M.A.

**2017 Student Technician** – Garfield House under Dr. Timothy Matney

**GIS PROFESSIONAL EMPLOYMENT**

**2012-2014 Database and GIS Analyst, Developer, and Administrator**

Red Hill Development, Kimble Companies – Dover, Ohio

**2001-2012 Project Manager and Developer of Data Systems**

Davey Resource Group, Davey Tree – Kent, Ohio

**2000-2001 AM/FM Landbase Technician**

SAMS Project – Dominion East Ohio Gas, Cleveland, Ohio

**1998-1999 GIS Senior Technician / Project Supervisor**

Ralph Tyler Companies – Cleveland, Ohio

**1997-1998 Project Lead – Mapping Digitization and GIS Implementation**

Internship for the Ohio Rural Development Partnership through Hocking College

**MEMBERSHIPS & ACTIVITIES**

PPA – Member

AAG – Member

SAA – Member

**REFERENCES**

**Dr. Alvaro Montenegro** – (614) 292-2514 montenegro.8@osu.edu

Associate Professor – Department of Geography and Atmospheric Sciences, Ohio State University

**Dr. Michelle R. Bebber** – (330) 672-2705 mbebber@kent.edu

Assistant Professor of Anthropology – Department of Anthropology, Kent State University

**Dr. Metin I. Eren** – (330) 672-4363 meren@kent.edu

Assistant Professor of Anthropology – Department of Anthropology, Kent State University

**Dr. Mary Ann Raghanti** – (330) 672-9354 mraghant@kent.edu

Chair and Professor of Anthropology – Department of Anthropology, Kent State University

**Dr. Timothy Matney** – (330) 972-6892 matney@uakron.edu

Professor of Archaeology – Department of Anthropology & Classical Studies, The University of Akron

**Dr. Eugenia Gorogianni** – (330) 972-8069 eg20@uakron.edu

Associate Professor of Instruction – Department of Anthropology & Classical Studies, The University of Akron

**Dr. Michael Shott** – (330) 972-6890 shott@uakron.edu

Professor Emeritus – Department of Anthropology & Classical Studies, The University of Akron