

Curriculum Vitae

August 2022

Jessica N. (Bernstetter) Totsch

Adjunct Instructor of Anthropology
Department of Sociology & Criminal Justice
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RESEARCH INTERESTS

Urbanization and infrastructure in the Roman world, specifically the water and sanitation systems of Pompeii and Herculaneum. Using Geographic Information Systems (GIS) and spatial analysis to understand how people occupy space, display wealth, and access resources in the ancient world. Pottery production, ceramic analysis and sourcing, colonialism, identity, social status, and archaeology of the Mediterranean.

EDUCATION

PhD, Anthropology University of Missouri Dissertation: <i>Urban Planning and Water Consumption in Roman Pompeii, Italy</i> Advisors: Dr. Todd VanPool and Dr. Alex Barker	Expected May 2023
Graduate Certificate, Geographic Information Systems (GIS) University of Missouri	2018
MA, Anthropology Northern Illinois University Thesis: <i>Carthage and the coast: A ceramic analysis of exotic and local amphorae at Salemi, Sicily</i> Advisor: Dr. Michael J. Kolb	2014
BA, Sociology & Anthropology Minor in Italian Studies Truman State University	2012

TEACHING APPOINTMENTS

Adjunct Instructor of Anthropology Department of Sociology & Criminal Justice, Texas A&M University Commerce US-World Cultures: Perspectives from Anthropology (Anth 2351)	2021 - present
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Graduate Instructor

Department of Anthropology, University of Missouri 2016 - present
Fundamentals of Archaeology Lab (Anthro 2020/2022)
Significant Discoveries of Archaeology (Anthro 1200)
Multiculturalism (Anthro 1300)

Teaching Assistant

Department of Anthropology, University of Missouri 2014-2016
Fundamentals of Archaeology, Lecture (Anthro 2020/2021)
Plagues and Peoples, Writing Intensive Course (Anthro 3560W) 2020
Senior Capstone, Writing Intensive Course (Anthro 4990W) 2021

Department of Anthropology, Northern Illinois University 2012-2014
Introduction to Anthropology: A Four-field Approach (Anth 120)
Rise of Civilization (Anth 102)

Writing Tutor

MU Writing Center, University of Missouri 2014-2016
Writing Intensive Tutor, 2015-2016
Ellis Library Tutor, 2014-2015

PROFESSIONAL EXPERIENCE

Staff Member, NAGPRA Compliance 2021 - present
Museum of Anthropology, University of Missouri

Assistant Director 2019
Pompeii Water and Sanitation Project and Field School, Pompeii, Italy
Co-directors: A. Kate Trusler, Barry Hobson

Archaeology Technician 2017 – 2018
Wood Group (formerly Amec Foster Wheeler)
Cultural Resource Management projects in Missouri and Texas

PUBLICATIONS

Under Review

Lorenz, Wayne F., A. Kate Trusler and **Jessica N. Bernstetter**. (under review).
Ancient Water Management in the House of Efebo in Pompeii.

In Preparation

Bernstetter, Jessica N. (in prep). Understanding Space: An Application for
Architectural Visibility Analysis.

Bernstetter, Jessica N. (in prep). Water as Wealth: High-status Water Consumption in Domestic Spaces in Roman Pompeii, Italy.

Bernstetter, Jessica N. (in prep). Water for the People: The Impact of the Aqua Augusta on Roman Pompeii, Italy.

PROFESSIONAL PRESENTATIONS

Conference Papers & Posters

- 2022 Totsch, Jessica N. Water for the People: A GIS Analysis of the Spatial Distribution of Public Water Fountains in Pompeii, Italy. Paper presented at the 87th Annual Meeting, Society for American Archaeology.
- 2021 Bernstetter, Jessica N. Architectural Visibility Analysis: Understanding Domestic Space in Roman Pompeii, Italy. Paper presented at the 86th Annual Meeting, Society for American Archaeology Virtual Conference.
- 2020 Bernstetter, Jessica N., A. Kate Trusler, and Wayne Lorenz. Space and Visual Display in the House of Efebo: A Case Study for Water as Wealth in Roman Pompeii. Paper accepted for the 85th Annual Meeting, Society for American Archaeology. Austin, Texas. Conference cancelled due to the COVID-19 pandemic.
- 2019 Bernstetter, Jessica N., A. Kate Trusler, and Amie Green. Urban Planning and Access to Water in Pompeii. Poster presented at the 84th Annual Meeting, Society for American Archaeology. Albuquerque, New Mexico.
- 2018 Bernstetter, Jessica N. The Roman Cistern of Salemi: Identifying Pottery Consumption at a Site in Western Sicily, 2nd Century BC to 2nd Century AD. Paper presented at the Heartland Graduate Workshop. Experiencing Place and Space in the Ancient Mediterranean. University of Missouri, Columbia, Missouri.
- 2016 Bernstetter, Jessica N. Local or Exotic? A pXRF Analysis of Trade Amphorae from Salemi, Sicily. Paper presented at The Eugene Lane Occasional Papers in Ancient Studies. University of Missouri, Columbia, Missouri.
- 2016 Bernstetter, Jessica N. Uncovering the Local Economy: A Ceramic Analysis of Local and Exotic Amphorae at Salemi, Sicily. Paper presented at the 81st Annual Meeting, Society for American Archaeology. Orlando, Florida.
- 2013 Bernstetter, Jessica N. Carthage and the Mediterranean: Breaking Boundaries through Trade. Paper presented at the Real and Imaginary Borders of the Mediterranean Conference, University of Illinois at Urbana-Champaign, Urbana-Champaign, Illinois.

Invited Lectures

2021 The Water System of Pompeii, Italy. Invited lecture for the 2021 Virtual Field School, University of Calgary.

GRANTS AND AWARDS

- 2020 Lewis and Clark Field Scholar, American Philosophical Society (\$5,500)
- 2020 John D. Bies International Travel Award, University of Missouri (\$2,000)
- 2019 W. Raymond Wood Opportunities for Excellence in Archaeology Fund, Department of Anthropology, University of Missouri (\$1,500)
- 2019 Conference Presentation Travel Award, Graduate Professional Council, University of Missouri (\$204)
- 2019 Conference Travel Award, Department of Anthropology, University of Missouri (\$500)
- 2018 W. Raymond Wood Opportunities for Excellence in Archaeology Fund, Department of Anthropology, University of Missouri (\$1,500)
- 2017 W. Raymond Wood Opportunities for Excellence in Archaeology Fund, Department of Anthropology, University of Missouri (\$1,500)
- 2016 W. Raymond Wood Opportunities for Excellence in Archaeology Fund, Department of Anthropology, University of Missouri (\$400)
- 2013 Provost's Travel Grant for Study Abroad, Northern Illinois University (\$1,000)
- 2013 Travel Grant, Graduate Dean's Fund, Northern Illinois University (\$500)
- 2013 Anthropology Foundation Award, Northern Illinois University (\$400)

FIELDWORK

- 2022 - Water and Sanitation Survey. Pompeii Archaeological Park, Italy.
- 2018-2019 Pompeii Water & Sanitation Project. Co-directors: Dr. Kate Trusler and Barry Hobson. Pompeii, Italy. Assisted with Field School.
- 2017 Phase I Cultural Resource Survey, Huzzah Priority Area, Crawford County, Missouri. Amec Foster Wheeler Environment & Infrastructure for Doe Run Resources Corporation and Mark Twain National Forest. August 2017.

- 2017 Phase I Archaeological Intensive Survey for Proposed Sweeny Hub Phase 2, Brazoria County, Texas. Amec Foster Wheeler Environment & Infrastructure, Inc. for Phillips 66 Pipeline Company. July - August 2017.
- 2017 Phase I Archaeological Inventory of 10 Readiness Centers (Armory) in Southern Missouri. Amec Foster Wheeler Environment & Infrastructure, Inc for Missouri Army National Guard. July 2017.
- 2013 NIU Archaeological Field School in Sicily, Italy. Dr. Michael Kolb, director.

TECHINCAL SKILLS

Laboratory

Ceramic analysis
X-ray fluorescence

Computational and Statistical

Proficient in Excel, Access, SPSS, SAS
GIS software: ESRI's ArcGIS package, ENVI remote sensing software

PROFESSIONAL MEMBERSHIPS

Society for American Archaeology	2016 – present
Archaeological Institute of America	2018 – present
Missouri Archaeological Society	2017 – present
Chair of Outreach and New Membership	
Lambda Alpha, Anthropology Honors Society	2011 – present
Gamma Theta Upsilon, International Geography Honor Society	2021 – present

REFERENCES

Todd VanPool, PhD

Professor, Department of Anthropology
University of Missouri
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Candace Sall, PhD

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Marcello Mogetta, PhD

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Alex Barker, PhD

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Clayton Blodgett, PhD

Assistant Teaching Professor
Geography Department
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Lisa Sattenspiel, PhD

Chair, Professor
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