

## Martin P. Walker, M.A.

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Doctoral Student  
Department of Anthropology  
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### Research Interests

Anarchism and social organization theories; archaeometry; coastal archaeology; database creation/management/use; geoarchaeology; geographic information systems (GIS) applications; Holocene environments; human-environment interactions; remote sensing; shell rings; social geography; Southeastern United States; statistical modelling

### Education

- Ph.D. Anthropology, University of Tennessee, Knoxville, current
- M.A. Anthropology, University of Tennessee, Knoxville, 2016  
Thesis: *Tracking Trajectories: Charting Changes of Late Archaic Shell Ring Formation and Use*
- B.A. Anthropology, Herbert H. Lehman College, CUNY, New York City, 2008
- B.S. Mechanical Engineering (Minor in Mathematics), Manhattan College, New York City, 2005

### Experience

#### *Academic Positions Held*

- 2016-present Graduate Teaching Assistant, Department of Anthropology, University of Tennessee, Knoxville, TN
- 2015-present Lab Director, UTK Topper Project Archaeology Laboratory, Department of Anthropology, University of Tennessee, Knoxville, TN
- 2015 Geoarchaeology Intern, Archaeological Research Laboratory, Department of Anthropology, University of Tennessee, Knoxville, TN
- 2011-2016 Graduate Research Assistant, Center for International Education, International Student and Scholar Services, University of Tennessee, Knoxville, TN
- 2008-2010 Lab Intern, Nels Nelson North American Archaeology Laboratory, American Museum of Natural History, New York, NY
- 2007-2010 Writing Tutor, Academic Center for Excellence, Herbert H. Lehman College, CUNY, Bronx, NY
- 2004-2006 Mechanical Engineer/Senior Evidence Technician, LGI Forensic Group, Inc. Mamaroneck, NY

#### *Fieldwork/Professional Experience*

- 2016 Project Supervisor, UTK Topper Field School, Allendale, SC
- 2015 Crew Chief, UTK Topper Field School, Allendale, SC
- 2012 Field Technician, Bell's Bend Archaeological Project/UTK Field School, Nashville, TN
- 2009 Crew Chief, Springfield Legacy Archaeological Project/Columbia Field School, Midway, GA
- 2008-2010 Field Technician, St. Catherines Island Archaeology Project, American Museum of Natural History, St. Catherines Island, GA (David Hurst Thomas, PI)

## Publications

### *Peer-Reviewed Journal Articles*

- Submitted Thaddeus G. Bissett, **Martin P. Walker**, and David G. Anderson. "High-Resolution Digital Elevation Data as a Tool for Archaeological Site Identification and Assessment: A Case Study from the Lower Atlantic Coast of the United States."

### *Conference Presentations*

- 2016 **Martin P. Walker** and Thaddeus G. Bissett. "Coastlines, Stability, and the Science of Curves: Learning to Work with What You Have." Paper presented at the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2016 Alexander Craib, **Martin P. Walker**, David G. Anderson, and Derek T. Anderson. "Uncovered Features: A Spatial Analysis of Late Woodland to Historic Activity Areas at the Topper Site (38AL23)." Paper presented at the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2016 David G. Anderson, Thaddeus G. Bissett, and **Martin P. Walker**. "Climate Change and Cultural Response in Holocene Southeastern North America." Paper presented at the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2016 Thaddeus G. Bissett, David G. Anderson, and **Martin P. Walker**. "Creating a Discovery Model for Submerged Late Pleistocene and Early Holocene Sites on the Norther Gulf Coast." Paper presented at the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2016 **Martin P. Walker** and Thaddeus G. Bissett. "Utilization of Existing DEM Datasets to Discover, Map, and Preserve Archaeological Features." GeoSym 2016, The University of Tennessee Geography Research Symposium. February 5-6, Knoxville, TN.
- 2015 **Martin P. Walker**. "Behavior, Environment, and Time: A Geospatial Analysis of Shell Ring Use." Paper presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, November 18-22, Nashville, TN. In session: Shell and Shellbearing Site Studies.
- 2015 **Martin P. Walker**, Alexander Craib, Amelia Jansen, Amy Pham, Derek T. Anderson, Stephen Yerka, David Echeverry, and David G. Anderson. "Uncovering Features: Highlighting Late Woodland to Historic Activity at the Topper Site (38AL23)." Poster presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, November 18-22, Nashville, TN. In poster session: Paleoindian, Archaic, and Woodland Studies.
- 2015 Megan M. King and **Martin P. Walker**. "Evaluating Freshwater Shell Modification and Tool Industries at Mussel Beach with Experimental Applications." Paper presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, November 18-22, Nashville, TN. In session: Shell and Shellbearing Site Studies.
- 2015 Derek T. Anderson, David G. Anderson, Andrea N. Wu, David Echeverry, Alexander Craib, **Martin P. Walker**, Stephen Yerka, and Albert Goodyear. "Preliminary results from the 2015 excavations at the Topper Site, South Carolina." Paper presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, November 18-22, Nashville, TN. In session: Archaeological Methods, Museums, and Specialized Studies.
- 2015 Xiaoyu Lu, Gene Bailey, Robert Friedrichs, **Martin P. Walker**, and Yingkui Li. "Evaluation of three LS-Factors in Hillslope Erosion Process Using Terrestrial Laser Scanner and GIS: A Case Study in Loudoun, Tennessee." Poster Presented at the 46<sup>th</sup> Annual Meeting of the Binghamton Geomorphology Symposium, September 18-20. Buffalo, NY. In session: Granular Flows and Hillslopes.

- 2015 Thaddeus G. Bissett and **Martin P. Walker**. "Exploring the Influence of Sea Level Rise on Shell Ring Construction and Use along the Lower Atlantic Coast (ca. 5000 to 2000 cal yr BP)." Poster presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, CA. In session: Prehistoric Archaeology in the Southeastern United States.
- 2015 Yingkui Li, Matthew Duchene, Jack McNelis, Xiaoyu Lu, **Martin P. Walker**, and Robert Washington-Allen. "A Streamlined Analysis Toolset to Process LiDAR Point Clouds for Terrain Extraction." Paper presented at the 64<sup>th</sup> Annual Meeting of the Geological Society for America, Southeastern Section, March 19-20, Chattanooga, TN. In the Discipline Sessions.
- 2013 **Martin P. Walker**. "Design Over Space and Time: An Analysis of the Atlantic and Gulf Coast Shell Rings of North America." Paper presented at the 70<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference, November 6-10, Tampa, FL. In symposium: Subsistence, Settlement, History, and Identity: Current Approaches to the Investigation of Shell Middens, Mounds, and Rings of the Southeastern United States, organized by Thaddeus G. Bissett and Stephen Carmody.
- 2008 Sarah Blazer, Misha Jameson, and **Martin P. Walker**. "ACE Writing Manual: Collaboration, Creation, and Implementation". Panel presentation at the Northeast Writing Centers Association 24<sup>th</sup> Annual Conference, April 12-13, Burlington, VT.

#### *Popular Media Articles*

- 2015 **Martin P. Walker**, "Archaeology." *Central Booking Magazine* Volume V, Issue I: 12-17.

#### *Invited and Public Presentations*

- 2016 **Martin P. Walker**, "2016 UTK Topper Field School Summary." June 17, 2016. Archaeological Research Laboratory, University of Tennessee, Knoxville.
- 2014 **Martin P. Walker**, "Finding Funding: Navigating the GSS Travel Awards Process." November 3, 2014. Anthropology Graduate Student Association Special Lecture, University of Tennessee, Knoxville.
- 2014 **Martin P. Walker**, "3D in Anthropology: Current Uses and Future Directions." March 7, 2014. Anthropology Graduate Student Association Brown Bag Lecture Series, University of Tennessee, Knoxville.
- 2014 **Martin P. Walker**, "The Graduate Student Senate and the Travel Awards: A Report." March 6, 2014. Provost's Academic Council Meeting, University of Tennessee, Knoxville.
- 2013 Thuy Pham and **Martin P. Walker**. "Preparing for the American Classroom." August 27, 2013. First Year Studies for New International Freshman, University of Tennessee, Knoxville.
- 2013 **Martin P. Walker** and Kristen Uyl. "Writing and Reading for Understanding." August 20, 2013. First Year Studies for New International Freshman, University of Tennessee, Knoxville.

#### **Committee and Service Positions**

##### *University*

- 2013-2015 Academic Review Board. University of Tennessee, Knoxville, TN.
- 2013-2015 Graduate Council, Faculty Senate. University of Tennessee, Knoxville, TN.
- 2013-2015 Student Life Council Committee. University of Tennessee, Knoxville, TN
- 2013-2014 Member (non-voting), Board of Trustees. University of Tennessee, TN
- 2013-2014 President, Graduate Student Senate. University of Tennessee, Knoxville, TN

2013-2014	Academic Planning Committee. University of Tennessee, Knoxville, TN
2011-2013	Anthropology Representative, Graduate Student Senate. University of Tennessee, Knoxville, TN
<i>Department</i>	
2015-2016	Faculty Search Committee, Department of Anthropology. University of Tennessee, Knoxville, TN
2015-2016	Faculty Representative/President, Anthropology Graduate Student Association. University of Tennessee, Knoxville, TN
2014-2015	Archaeology Representative, Anthropology Graduate Student Association. University of Tennessee, Knoxville, TN
2013-2014	Computer Pod Representative, Anthropology Graduate Student Association. University of Tennessee, Knoxville, TN

*Professional Societies*

2011	Volunteer. Developing International Geoarchaeology, 5 <sup>th</sup> Annual Conference, Knoxville, TN
2004-2005	President, American Society for Mechanical Engineers Student Section. Manhattan College, Bronx, NY
2004-2005	Treasurer, Society for Automotive Engineers Student Section. Manhattan College, Bronx, NY
2003-2004	Treasurer, American Society for Mechanical Engineers Student Section. Manhattan College, Bronx, NY

**Honors and Awards**

2016	Graduate Student Senate, Graduate Student Travel Award, University of Tennessee, Knoxville
2015	Graduate Student Senate, Graduate Student Travel Award, University of Tennessee, Knoxville
2013	Member of the Year, GSS. Student Government Association, University of Tennessee, Knoxville
2013	Graduate Student Senate, Graduate Student Travel Award, University of Tennessee, Knoxville
2008	Mitzi Ludwig Prize Herbert H. Lehman College, CUNY
2008	Dean's List, Herbert H. Lehman College, CUNY
2007	Presidential Scholar, Herbert H. Lehman College, CUNY
2007	Dean's List, Herbert H. Lehman College, CUNY

**Professional Societies and Organizations**

2010-present	Society for American Archaeology (SAA)
2010-present	Southeastern Archaeological Conference (SEAC)
2008-present	American Institute of Archaeology (AIA)
2015-present	Tennessee Council for Professional Archaeology (TCPA)
2005-present	Order of the Engineer
2001-2008	American Society of Mechanical Engineers (ASME)
2001-2005	Society of Automotive Engineers (SAE)