

## Emily M. Holt

Institute for European and Mediterranean Archaeology  
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### EDUCATION

- PhD Anthropology and Classical Art and Archaeology, University of Michigan, 2013  
Dissertation: Economy and Environment in Complex Societies: A Case Study from Bronze Age Sardinia  
Committee: John O'Shea (co-chair), Sharon Herbert (co-chair), Robin Beck, Joyce Marcus, Lauren Talalay, Nicola Terrenato
- MA Anthropology, University of Michigan, 2008
- MA Classical Art and Archaeology, University of Michigan, 2006
- BA Classical Languages, summa cum laude with All College Honors and Distinction in Classical Languages, College of St. Benedict/St. John's University, 2002

### PROFESSIONAL EXPERIENCE

- 2015-Present Council of American Overseas Research Centers/Andrew W. Mellon Mediterranean Regional Research Fellow, Museum National d'Histoire Naturelle (Paris, France)
- 2014-Present Research Assistant Professor, Department of Anthropology, State University of New York at Buffalo
- 2014-2015 Postdoctoral Scholar, The Institute for European and Mediterranean Archaeology, State University of New York at Buffalo
- 2013-2014 Visiting Assistant Professor (Mellon Postdoctoral Teaching Fellowship), Anthropology and Archaeological Studies, Oberlin College

### PUBLICATIONS

#### Books

Forthcoming Holt, E. (ed.) *Water and Power in Past Societies*. SUNY Press.

#### Peer Reviewed Journal Articles

2013 Holt, E., and \*Palazzo, S. The Role of Rodents in the Disease Ecology of the

Ancient City. *Archaeological Review from Cambridge* 28(2): 132-154.

2007 Fairbairn, A., and Holt, E. Initial statement on the PARP:PS environmental archaeology program 2006. *Rivista di Studi Pompeiani* 18: 126.

\* *Indicates student coauthor*

### **Chapters**

In press Holt, E. The Faunal Remains, in 'The Site in the Middle Ages.' In E. Fentress, C. Goodson and M. Maiuro (eds.), *Villa Magna: an Imperial Estate and its Legacies. Excavations 2006–2010*. Papers of the British School, Supplement, Cambridge: 394-406.

### **Conference Proceedings**

2015 Holt, E. Mobility and Meaning in the Nuragic Culture of Bronze Age Sardinia (c. 1700-900 BC). In P. Suchowska-Ducke, S. Reiter, and H. Vandkilde (eds.), *Forging Identities. The Mobility of Culture in Bronze Age Europe. Report from a Marie Curie Project 2009-2012 with concluding conference at Aarhus University, Moesgård 2012. Volume I*. BAR International Series: 193-202.

### **Encyclopedia Articles**

2014 Holt, E. Nuragic culture and architecture (Bronze Age to Iron Age). In C. Smith (ed.), *Springer Encyclopedia of Global Archaeology*. Springer Science+Business Media, New York: 5538-5545. (Invited)

### **Additional Publications and Reports**

In press Holt, E. The Faunal Remains, in 'The Villa.' In E. Fentress, C. Goodson and M. Maiuro (eds.), *Villa Magna: an Imperial Estate and its Legacies. Excavations 2006–2010*. Papers of the British School, Supplement, Cambridge: 239-241.

In press Holt, E. Microfauna from Roman and Medieval Villamagna. In E. Fentress, C. Goodson and M. Maiuro (eds.), *Villa Magna: an Imperial Estate and its Legacies. Excavations 2006–2010*. Papers of the British School, Supplement, Cambridge (Online).

2014 Holt, E. Annual Report: The Pran'e Siddi Landscape Project 2014 Field School. Institute for Field Research (Online).  
[http://www.ifrglobal.us/images/2014/Research\\_Reports/Report-Italy-Prane-Siddi-2014-Public.pdf](http://www.ifrglobal.us/images/2014/Research_Reports/Report-Italy-Prane-Siddi-2014-Public.pdf)

2013 Holt, E. Annual Report: Pran'e Siddi (Italy) 2013 Field School. Institute for Field Research (Online).

<https://www.ifrglobal.org/images/Research%20Reports/2013/Italy-Prane%20Siddi%202013.pdf>

### **Under Review**

Funk, C., Holt, E., \*Taivalkoski, A., \*Howard, J., and \*Poltorak, D. An actualistic study of the effects of consumption and discard on archaeological bird remains. 5000 words. *Journal of Archaeological Science: Reports*. (received “revise and resubmit” September 2015)

Holt, E. and Perra, M. (eds.). *Progetto Pran'e Siddi: Environment and Society at a Middle Bronze Age Site in South-Central Sardinia*. 285-page volume. SUNY Press. (proposed September 2015)

\*Taivalkoski, A. and Holt, E. The effects of cooking on SEM identification of archaeological avian eggshell. 4000 words. *Journal of Archaeological Science: Reports*. (submitted September 2015)

### **In Preparation**

Holt, E. A discipline that bridges: what archaeology can contribute to current water politics. 3500 words. Invited by *WIREs Water*. (December 2015)

Holt, E., Perra, M., Dighton, A., Fairbairn, A., Marsh, A., and Veal, R. Evaluating climate, complexity, and “collapse” in the early Nuragic culture. 5000 words. To be submitted to *Antiquity*. (fall 2015)

Holt, E. and Marsh, A. Interpreting climate change: Water and social inequality in the development of the Nuragic culture. 6000 words. To be submitted to the *European Journal of Archaeology*. (winter 2015)

Holt, E. Applying archaeological knowledge to current water issues. 4000 words. Invited by *WIREs Water*. (March 2015)

\*Taivalkoski, A. and Holt, E. Bird eggs in the diet of ancient Pompeii: An SEM analysis of archaeological avian eggshell. 4500 words. To be submitted to *Journal of Archaeological Science*. (spring 2016)

Holt, E. A revised chronology for the Nuragic Period of Bronze Age Sardinia. To be submitted to the *American Journal of Archaeology*. (spring 2016)

Holt, E. Continuing craft production and decreasing social complexity: learning communities at the end of the Nuragic period. To be submitted to the *Journal of Archaeological Method and Theory*. (fall 2016)

Holt, E. The Giraffe in the Mediterranean: A Biogeography of Power. 8000 words. To be submitted to *Past & Present*. (spring 2017)

\* *Indicates student coauthor*

## **FELLOWSHIPS AND AWARDS**

- 2013 Oberlin College Grant-in-Aid (\$2600)
- 2010-2012 National Science Foundation Doctoral Dissertation Improvement Grant (\$19,914)
- 2011 James Bennett Griffin Scholarship Fund (\$2500)
- 2011 Redding Vehicle Fund Award (\$3500)
- 2010 Rackham International Research Award (\$7500)
- 2010 Richard I. Ford Award for Anthropological Research on Humans and the Environment (\$900)
- 2008-2009 Fulbright IIE, Italy
- 2008 Joan B. Kessler Award (\$7500)
- 2008 John Griffiths Pedley Travel and Research Fund Award (\$2000)
- 2004-2006 Preferment to the Michigan Branch of Telluride Association
- 2006 Etruscan Foundation Fieldwork Fellowship (\$2000)
- 2004 Etruscan Foundation Fieldwork Fellowship (\$1500)

### **In preparation**

Etruscan Foundation Research Fellowship: The Animal Economy of Early Nuragic Elites: Overproduction and the Environment (\$7050, to be submitted February 2016)

National Science Foundation Senior Research Award: Water Insecurity and Social Complexity in Bronze Age Sardinia (\$289,842, to be submitted July 2016)

## **INVITED LECTURES**

- 2014 Water, Power, and Climate Change in the Nuragic Culture of Bronze Age Sardinia. Friends of the Library Presentation Series, Ohio University-Lancaster. October 2.
- 2011 I Nuragici: Nostri Vicini Di Casa ["Our Neighbors, the Nuragic People"]. The Comune di Siddi Aula Consigliare, Siddi, Sardinia, Italy. November 26.

## CONFERENCE ACTIVITY

### Conferences Organized

- 2015 Water and Power in Past Societies, the 8<sup>th</sup> Visiting Scholar Conference of the Institute for European and Mediterranean Archaeology, State University of New York at Buffalo, April 11-12.

### Panels Organized

- 2015 What Archaeology Can Contribute to Contemporary Water Politics. Water and Power in Past Societies, State University of New York at Buffalo, April 11-12. <https://www.youtube.com/watch?v=TLMiYm8nbVM>
- 2006 Archaeology and Sustainable Development, with Daniel Shoup. 71<sup>st</sup> Annual Meeting of the Society for American Archaeology, San Juan, PR, April 26-30.

### Papers

- 2015 Holt, E. Economic Change and Unexpected Foodways in a Non-Elite area of Pompeii. The 2015 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies. New Orleans. January 8-11. (Invited)
- 2014 Gradoli, A. G., Perra, M. and Holt, E. Social transformations and their temporospatial variability in the Bronze Age 'Nuragic society' of Sardinia (Italy). An interdisciplinary approach in the Marmilla region. The 20<sup>th</sup> Annual Meeting of the European Association of Archaeologists. Istanbul, Turkey. September 10-14.
- 2014 Holt, E. and Marsh, A. Climate Change, Water, and Increasing Social Inequality in the Nuragic Culture of Sardinia. Archaeological Sciences and the Ancient Mediterranean Environment, the Archaeology Centre at the University of Toronto. March 7-8.
- 2013 Holt, E. Social Complexity, Sustainability, and Resilience: The Sardinian Middle Bronze Age in Context. The 19<sup>th</sup> Annual Meeting of the European Association of Archaeologists. Pilsen, Czech Republic. September 4-8.
- 2013 Holt, E. Social Complexity and Sustainable Resource Use: A Case Study from Bronze Age Sardinia. The 78<sup>th</sup> Annual Meeting of the Society for American Archaeology. Honolulu, Hawai'i. April 3-7.
- 2012 Holt, E. Il consumo di carne e classe socio-economica a Villamagna, IX-XIII secolo d.C. ["Meat consumption and socioeconomic class at Villamagna, 9<sup>th</sup>-13<sup>th</sup> centuries CE"]. Villamagna Tardoantica e Medievale: Signori, Monaci e Contadini, British School at Rome, Rome, Italy. October 16.
- 2012 Holt, E. Progetto Pran'e Siddi: Excavating the Origins of a Complex Society in

- the Sardinian Middle Bronze Age. Cultural Mobility in Bronze Age Europe, Moesgård Museum, Aarhus, Denmark. June 5-8.
- 2010 Holt, E. Per capita growth in the early Roman Empire: faunal remains from the Pompeii Archaeological Research Project: Porta Stabia. The 11<sup>th</sup> International Conference of the International Council for Archaeozoology, Paris, France. August 23-28.
- 2006 Holt, E. Sustainable Archaeology: Fresh Perspectives on Current Problems. The 71<sup>st</sup> Annual Meeting of the Society for American Archaeology. San Juan, Puerto Rico. April 26-30.

### **Posters**

- 2012 Holt, E. Variation in Animal Consumption at Medieval Villamagna. Archaeology of Farming and Animal Husbandry in Early Medieval Europe (5th-10th centuries), Universidad del País Vasco, Vitoria-Gasteiz, Spain. November 15-16.

### **CAMPUS TALKS**

- 2014 Holt, E. Water, Climate, and Culture: Environmental Variability and Social Inequality in Bronze Age Sardinia. The Institute for European and Mediterranean Archaeology Brown Bag Lecture Series, SUNY-Buffalo. September 17.
- 2014 Holt, E. Climate Change, Environmental Variability, and Social Inequality in the Nuragic Culture of Bronze Age Sardinia. The Oberlin College Science Friday Lecture Series and the Oberlin College Sigma Xi Faculty Research Lecture Series. March 14 and April 17.
- 2014 Holt, E. Environmental Variability, Climate Change, and Social Inequality in Bronze Age Sardinia. The Brown Bag Lecture Series of the Northwestern University Department of Anthropology. January 29.
- 2011 Holt, E. Meat consumption, standard of living, and per capita growth in non-elite Pompeii. The Brown Bag Lecture Series of the University of Michigan Museum of Anthropology. January 20.
- 2010 Holt, E. The Role of Rodents in the Disease Ecology of the Ancient City. The 2<sup>nd</sup> Annual Meeting of the Graduate Workgroup in Archaeology and Material Culture, University of Michigan. October 2.
- 2009 Holt, E. Addressing the Middle Bronze Age in Sardinia: Progetto Pran'e Siddi. The Brown Bag Lecture Series of the University of Michigan Museum of Anthropology. December 3.
- 2009 Museums and Research Methods in Archaeology and Anthropology. The Undergraduate Research Opportunities Program Student Seminar, University of Michigan. November 4 and 18.

2009 Research Design in the Social Sciences. The Undergraduate Research Opportunities Program Student Seminar, University of Michigan. September 23.

## **TEACHING EXPERIENCE**

### **State University of New York at Buffalo, Sole Instructor**

Water and Power in Human Societies (graduate seminar - spring 2015)

### **Connecticut College/Institute for Field Research, Sole Instructor**

Archaeological Field School (summer 2013, 2014)

### **Oberlin College, Sole Instructor**

Demography, Health, and Disease in the Ancient World (spring 2014)

Environmental Archaeology (fall 2013)

### **University of Michigan, Sole Instructor**

Exchange, Trade, Gifts, and the Structures of Human Societies (summer 2012)

### **University of Michigan, Graduate Student Instructor**

Great Books (fall 2009, 2007, 2006)

Roman Sport and Daily Life (spring 2008)

War in Greek and Roman Civilization (winter 2006)

Introduction to Greek Archaeology (fall 2004)

## **THESES ADVISED**

2014-Present Doctoral Thesis, State University of New York at Buffalo: *Monument Reuse and Cultural Interaction During the Iron Age in Sardinia.*

2011-2012 Senior Honors Thesis, University of Michigan: *Status and Meat Consumption in Pompeii: Diet and its Social Implications through the Analysis of Ancient Primary Sources and Zooarchaeological Remains.* Received the 2012 Virginia L. Voss Memorial Award for Excellence in Writing by Senior Honors Women in the category of academic writing.

## **RESEARCH EXPERIENCE**

2013-Present Director: The Pran'e Siddi Landscape Project, Sardinia, Italy. Anke

- Marsh, Co-director.
- 2009-2011 Field Director: Progetto Pran'e Siddi, Sardinia, Italy. Mauro Perra, Scientific Director.
- 2006-2011 Environmental Archaeologist: Pompeii Archaeological Research Project: Porta Stabia, Pompei, Italy. Steven Ellis, director.  
<http://classics.uc.edu/pompeii/index.php/project/environmentalprogram.html>

## **PROFESSIONAL SERVICE**

### **Peer Review**

- Article reviewer, Journal of Human Ecology (2012-present)
- Article reviewer, Journal of Anthropological Archaeology (2008-2009)

### **To Profession**

- 2014 Faculty Discussant, Why Study Health at the Small Liberal Arts College? A Roundtable Discussion of Interdisciplinary Courses in the Humanities and Social Sciences. Oberlin College. May 2.
- 2014 Research Assistant Supervisor, Department of Anthropology, Oberlin College. Supervising undergraduate student conducting GIS analysis of geospatial data produced by the Pran'e Siddi Landscape Project. Spring.
- 2013 Guest Speaker, Archaeology Club, University of Michigan. March 14.
- 2012 Presenter, Oberlin College Anthropology Brown Bag Series. Led a question-and-answer session for undergraduates on selecting and applying to graduate programs in anthropology. December 5.
- 2012 Panelist, Faculty Advisory Panel for a University of Michigan Institute that hosted 30 campuses interested in initiating or expanding undergraduate research programs. May 25.
- 2012 Discussant, Advisory Discussion Group for representatives from the University of Missouri on improving their undergraduate research program. February 10.
- 2006-2012 Mentor, Undergraduate Research Opportunities Program, University of Michigan. January-April 2012: Archaeology and its Audiences. September 2006-April 2010: The Bioarchaeology of Pompeii. Provided mentorship for individual research projects and presentations as well as hands-on instruction in laboratory techniques and analysis.



- 2011 Organizer and Moderator of the Brown Bag Lecture Series of the University of Michigan Museum of Anthropology. January-April.
- 2007 Faculty Mentor, Peer Mentorship Program, University of Michigan. Fall.

**To Community**

- 2014 Featured in *Ask an Archaeologist* educational YouTube series produced by the American School of Oriental Research:  
<https://www.youtube.com/watch?v=xQ846PJOris>
- 2011, 2014 Featured in “Doomsday Pompeii” and “The Real Pompeii” episodes of the National Geographic Series *When Rome Ruled*. Interviewed on the diet of ancient Pompeians.
- 2011, 2012 Volunteer, Museum Day and Behind the Scenes Day, Zooarchaeology Laboratory of the University of Michigan Museum of Anthropology. February 13 and February 12.
- 2009 Selected by the Italian Fulbright Commission to represent Italy on the *European Dimensions* Panel at the 20<sup>th</sup> Annual Berlin Seminar attended by over 500 Fulbright scholars representing 13 European nations.

**CERTIFICATES, TRAININGS, AND SPECIAL QUALIFICATIONS**

- 2014 Laboratory Safety Training and Bloodborne Pathogens Training, State University of New York at Buffalo. October 23.
- 2013 Designing and Writing Effective Research Assignments, Center for Teaching Innovation and Excellence Workshop, Oberlin College. Steven Volk, moderator. September 18.
- 2013 Archaeological Applications of Airborne Laser Scanning, SAA Online Seminar. Rachel Opitz, instructor. September 17.
- 2012 Interdisciplinary Mentorship, Oberlin College. Worked with Amy Margaris (Anthropology) and Jordan Suter (Economics and Environmental Studies) to develop interdisciplinary teaching and research skills. Autumn semester.
- 2012 Graduate Teacher Certificate, University of Michigan.
- 2012 Preparing Future Faculty Seminar, Rackham Graduate School-Center for Research on Learning and Teaching, University of Michigan. May 1-30.
- 2006 Teaching Upper Division Writing Seminar, Sweetland Writing Center, University of Michigan. Winter semester.

## **PROFESSIONAL ASSOCIATIONS**

Society for American Archaeology (2006-present)  
American Anthropological Association (2012-present)  
Archaeological Institute of America (2000-present)  
European Association of Archaeologists (2013-present)  
International Council for Archaeozoology (2010-present)  
The Etruscan Foundation (2004-present)  
Sigma Xi (2014-present)

## **LANGUAGES**

Italian: Advanced reading, writing, speaking  
French: Intermediate reading; beginner writing, speaking  
German: Intermediate reading; beginner writing, speaking  
Latin: Reading proficient  
Classical Greek: Reading proficient

## **REFERENCES**

John O'Shea  
Emerson F. Greenman Collegiate Professor, Anthropology  
University of Michigan  
1109 Geddes Avenue, Ann Arbor, MI 48109  
(734) 763-5795      joshea@umich.edu

Joyce Marcus  
Robert L. Carneiro Distinguished Professor of Social Evolution  
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1109 Geddes Avenue, Ann Arbor, MI 48109  
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Chair of Anthropology  
State University of New York at Buffalo  
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