

John M. Marston

Department of Anthropology • Boston University

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Professional Appointments

External Appointments

Visiting Fulbright Scholar, School of Social Science, University of Queensland, Australia Spring 2020
Visiting Scholar, Stanford Archaeology Center, Stanford University Fall 2019

Boston University

Associate Professor, Department of Anthropology 2019-present
Core Faculty, Program in Archaeology 2018-present
Affiliated Faculty, Program in Biogeoscience 2014-present
Assistant Professor, Department of Anthropology 2018-2019
Assistant Professor, Department of Archaeology 2012-2018
Joint Programmatic Appointment, Department of Anthropology 2012-2018
Peter Paul Career Development Professor 2013-2016

Brown University

Adjunct Instructor, Department of Anthropology Spring 2012
Postdoctoral Fellow, Environmental Change Initiative & Joukowsky Institute for Archaeology Fall 2011
Postdoctoral Fellow, Joukowsky Institute for Archaeology and the Ancient World 2010-2011

University of Massachusetts, Boston

Adjunct Instructor, Department of Anthropology Spring 2012

University of Pennsylvania, Museum of Archaeology and Anthropology

Research Assistant, Museum Applied Science Center for Archaeology 2001-2003

Education

University of California, Los Angeles 2010
Ph.D., Archaeology

University of California, Los Angeles 2006
M.A., Archaeology

Washington University, St. Louis 2001
A.B., Archaeology, Classics, and Biology, *summa cum laude*

Research Interests

Environmental archaeology; paleoethnobotany; sustainability and resilience; agricultural risk management; empire; Mediterranean and Near Eastern archaeology; stable isotope biogeochemistry; paleoenvironmental reconstruction

Publications

(* = graduate student author; † = undergraduate student author)

Works in Progress

- in prep. *Forste, Kathleen, John M. **Marston**, and Tracy Hoffman. Investigating agricultural economies at Early Islamic Ashkelon. In preparation for *Vegetation History and Archaeobotany*.
- in prep. **Marston**, John M. Hellenistic agricultural economies at the boundaries of the Seleucid and Ptolemaic empires. In preparation for *Journal of Mediterranean Archaeology*.
- in prep. **Marston**, John M., and Kali R. Wade. Macrobotanical remains: seeds and fruits. In *Megiddo VII: Decoding Death: The Shmunis Family Foundation's Investigation of Two Elite Bronze Age Tombs*. Edited by Melissa S. Cradic, Matthew J. Adams, Mario Martin, and Israel Finkelstein. Monograph Series of the Institute of Archaeology, Tel Aviv University, Tel Aviv.

- in prep. Santini, Lauren, Sadie Weber, John M. **Marston**, and Astrid Runggaldier. First archaeological identification of nixtamalized maize, from two pit latrines at the ancient Maya site of San Bartolo, Guatemala. In preparation for *Journal of Archaeological Science*.
- in prep. *Slim, Francesca G., Canan Çakırlar, Max Price, Cheryl A. Makarawicz, John M. **Marston**. Thirty centuries of pig husbandry at Gordion on the semi-arid central Anatolian plateau. In preparation for *Journal of Anthropological Archaeology*.
- subm. *Castellano, Lorenzo, and John M. **Marston**. Wood charcoal from Kınık Höyük KH-P II: insights on landscape, vegetation, and wooden resources exploitation in southern Cappadocia during the Hellenistic period. In *Kınık Höyük I: Kınık Höyük and the Archaeology of the Hellenistic Kingdom of Cappadocia*. Edited by Lorenzo d'Alfonso, Maria Elena Gorrini, and Burak Yolaçan. ISAW and NYU Press, New York.
- subm. **Marston**, John M., and *Lorenzo Castellano. Archaeobotany in Anatolia. In *The Archaeology of Anatolia, Volume IV: Recent Discoveries (2019-2020)*. Edited by Sharon R. Steadman and Gregory McMahon. Cambridge Scholars Publishing, Cambridge.
- subm. Wade, Kali R., and John M. **Marston**. Microbotanical remains: phytoliths. In *Megiddo VII: Decoding Death: The Shmunis Family Foundation's Investigation of Two Elite Bronze Age Tombs*. Edited by Melissa S. Cradic, Matthew J. Adams, Mario Martin, and Israel Finkelstein. Monograph Series of the Institute of Archaeology, Tel Aviv University, Tel Aviv.
- in review **Marston**, John M., and Kathleen J. Birney. Hellenistic agricultural economies at Ashkelon. Revised version resubmitted to *Vegetation History and Archaeobotany*.

Books

- 2017 **Marston**, John M. *Agricultural Sustainability and Environmental Change at Ancient Gordion*. University of Pennsylvania Museum Press, Philadelphia. Gordion Special Studies 8. 224 pp.
Reviewed in [Agricultural History](#), [Antiquity](#), [Bulletin of the American Schools of Oriental Research \(BASOR\)](#), [Economic Botany](#), [Ethnobiology Letters](#), and [Journal of Anthropological Research](#)
2019 winner of James R. Wiseman Book Award from the Archaeological Institute of America
- 2014 **Marston**, John M., Jade d'Alpoim Guedes, and Christina Warinner (editors). *Method and Theory in Paleoethnobotany*. University Press of Colorado, Boulder. 548 pp.
Reviewed in [Anthropology News](#), [Anthropology Review Database](#), [Antiquity](#), [Economic Botany](#), and [Geoarchaeology](#)

Edited Journal Issues

- 2019 **Marston**, John M., Chantel E. White, and Alan Farahani (guest editors). Special issue: "Plants, animals, and people across the millennia: papers in honour of Naomi F. Miller" *Vegetation History and Archaeobotany* 28(3), May 2019.
- 2018 **Marston**, John M., and Melissa S. Rosenzweig (guest editors). Special issue: "Archaeologies of empire and environment" *Journal of Anthropological Archaeology* 52, Dec 2018.

Peer-Reviewed Journal Articles

- 2021 **Marston**, John M. Archaeological approaches to agricultural economies. *Journal of Archaeological Research* online before print.
- 2021 **Marston**, John M., Canan Çakırlar, Christina Luke, *Peter Kováčik, *Francesca G. Slim, *Nami Shin, and Christopher H. Roosevelt. Agropastoral economies and land use in Bronze Age western Anatolia. *Environmental Archaeology* online before print.
- 2021 *Shin, Nami, John M. **Marston**, Christina Luke, Simone Riehl, and Christopher H. Roosevelt. Agricultural practices at Bronze Age Kaymakçı, western Anatolia. *Journal of Archaeological Science: Reports* 36:102800.
- 2021 Wade, Kali R., Lisa-Marie Shillito, John M. **Marston**, and Clive Bonsall. Assessing the potential of phytolith analysis to investigate local environment and prehistoric plant resource use in temperate regions: a case study from Williamson's Moss, Cumbria, Britain. *Environmental Archaeology* 26:295-308.

- 2020 †Johnson, Emily S., and John M. **Marston**. The experimental identification of nixtamalized maize through starch spherulites. *Journal of Archaeological Science* 113:105056.
- 2020 **Marston**, John M., *Peter Kováčik, and Ulf-Dietrich Schoop. Environmental reconstruction and wood use at Late Chalcolithic Çamlıbel Tarlası, Turkey. *Quaternary International* online before print.
- 2020 von Bayer, Madelynn, and John M. **Marston**. Best practices for digitizing a wood slide collection: the Bailey-Wetmore wood collection of the Harvard University Herbaria. *Quaternary International* online before print.
- 2019 Çakırlar, Canan, and John M. **Marston**. Rural agricultural economies and military provisioning at Roman Gordion (central Turkey). *Environmental Archaeology* 24(1):91-105.
- 2019 Ciftci, Asiye, Funda O. Değirmenci, Christina Luke, Christopher H. Roosevelt, John M. **Marston**, and Zeki Kaya. Ancient DNA (aDNA) extraction and amplification from 3500-year-old charred economic crop seeds from Kaymakçı in Western Turkey: comparative sequence analysis using the 26S rDNA gene. *Genetic Resources and Crop Evolution* 66(6):1279–1294.
- 2019 Graff, Sarah R., Scott Branting, and John M. **Marston**. Production requires water: water management in an ancient Anatolian city. *Economic Anthropology* 6(2):234-249.
- 2019 Stephens, Lucas, Dorian Q Fuller, Nicole Boivin, Torben Rick, [116 contributing authors, including John M. **Marston**], and Erle Ellis. Archaeological assessment reveals Earth's early transformation through land use. *Science* 365:897-902.
- 2019 *Wroth, Kristen N., Dan Cabanes, John M. **Marston**, Vera Aldeias, Dennis Sandgathe, Alain Turq, Paul Goldberg, and Harold L. Dibble. Neanderthal plant use and pyrotechnology: phytolith analysis from Roc de Marsal, France. *Archaeological and Anthropological Sciences* 11(8):4325–4346.
- 2018 *Goldfield, Anna E., *Ross Booton, and John M. **Marston**. Modeling the role of fire and cooking in the competitive exclusion of Neanderthals. *Journal of Human Evolution* 124:91-104.
- 2018 Roosevelt, Christopher H., Christina Luke, Sinan Ünlüsoy, Canan Çakırlar, John M. **Marston**, Caitlin R. O'Grady, Peter Pavúk, Magda Pieniazek, Jana Mokrisová, Catherine Scott, †Nami Shin, and Francesca Slim. Exploring space, economy, and interregional interaction at a second-millennium B.C.E. citadel in central western Anatolia: 2014–2017 research at Kaymakçı. *American Journal of Archaeology* 122(4):645-688.
- 2018 Rosenzweig, Melissa S., and John M. **Marston**. Archaeologies of empire and environment. *Journal of Anthropological Archaeology* 52:87-102.
- 2017 Brite, Elizabeth B., Ghairadin Khozhaniyazov, John M. **Marston**, Michelle Negus Cleary, and Fiona J. Kidd. Kara-tepe, Karakalpakstan: agropastoralism in a central Eurasian oasis in the 4th/5th century A.D. transition. *Journal of Field Archaeology* 42:514-529.
- 2017 **Marston**, John M., Simon J. Holdaway, and Willeke Wendrich. Early and Middle Holocene wood exploitation in the Fayum basin, Egypt. *The Holocene* 27:1812-1824.
- 2017 Milman, Anita, John M. **Marston**, Jessica Bolson, Sarah D. Godsey, Holly Jones, and C. Susan Weiler. Scholarly motivations to conduct interdisciplinary climate change research. *Journal of Environmental Studies and Sciences* 7:239-250.
- 2016 **Marston**, John M., and Scott Branting. Agricultural adaptation to highland climate in Iron Age Anatolia. *Journal of Archaeological Science: Reports* 9:25-32.
- 2015 **Marston**, John M. Modeling resilience and sustainability in ancient agricultural systems. *Journal of Ethnobiology* 35:585-605.
- 2014 **Marston**, John M., and Naomi F. Miller. Intensive agriculture and land use at Roman Gordion, central Turkey. *Vegetation History and Archaeobotany* 23:761-773.
- 2013 Brite, Elizabeth Baker, and John M. **Marston**. Environmental change, agricultural innovation, and the spread of cotton agriculture in the Old World. *Journal of Anthropological Archaeology* 32:39-53.
- 2012 **Marston**, John M. Agricultural strategies and political economy in ancient Anatolia. *American Journal of Archaeology* 116:377-403.
- 2012 Miller, Naomi F., and John M. **Marston**. Archaeological fuel remains as indicators of ancient West Asian agropastoral and land-use systems. *Journal of Arid Environments* 86:97-103.

- 2011 **Marston**, John M. Archaeological markers of agricultural risk management. *Journal of Anthropological Archaeology* 30:190-205.
- 2009 **Marston**, John M. Modeling wood acquisition strategies from archaeological charcoal remains. *Journal of Archaeological Science* 36:2192-2200.
- 2009 Damiata, Brian N., John K. Papadopoulos, Maria Grazia Amore, Sarah P. Morris, Lorenc Bejko, John M. **Marston**, and John Southon. The absolute chronology of Albanian archaeology: radiocarbon dates from Apollonia and Lofkënd (in English and Albanian). *Iliria* 33:135-186.
- 2007 **Marston**, John M. Language of ritual cursing in the binding of Prometheus. *Greek, Roman, and Byzantine Studies* 47:121-133.

Book Chapters (all Peer-Reviewed except where otherwise noted)

- 2021 **Marston**, John M. Archaeobotany at Hellenistic Ashkelon. In *Ashkelon 9: the Hellenistic Period*. Edited by Kate Birney, in press. Harvard Museum of the Ancient Near East, Cambridge. [not peer reviewed]
- 2019 Branting, Scott, Joseph Lehner, Sevil Baltalı Tırpan, Dominique Langis-Barsetti, Tuna Kalaycı, Sarah R. Graff, Lucas Proctor, Nilüfer Baturayoğlu Yöneş, Burak Asılıskender, Canan Çakırlar-Oddens, and John M. **Marston**. The Kerkenes Project 2017-2018. In *The Archaeology of Anatolia, Volume III: Recent Discoveries (2017-2018)*. Edited by Sharon R. Steadman and Gregory McMahon, pp. 99-111. Cambridge Scholars Publishing, Cambridge.
- 2019 Branting, Scott, Yasemin Özarlan, Joseph Lehner, John M. **Marston**, and Sarah R. Graff. Kerkenes and Phrygia: old and new directions of research. In *Phrygia in Antiquity: From the Bronze Age to the Byzantine Period*. Edited by Gocha R. Tsetskhladze, pp. 539-559. Peeters, Leuven.
- 2019 Brite, Elizabeth B., and John M. **Marston**. New endeavors to understand agriculture in ancient Khorezm: a contribution in honor of G. Khozhaniyazov. In *History and Archaeology of the Aral Area*. Edited by T. Shirinov, pp. 56-70. Karakalpak Department of the Academy of Sciences of the Republic of Uzbekistan, Nukus. [not peer reviewed]
- 2019 *Forste, Kathleen M., and John M. **Marston**. Islamic and Crusader era agriculture at Ashkelon. In *Ashkelon 8: The Islamic and Crusader Periods*. Edited by Tracy Hoffman, pp. 649-669. Harvard Semitic Museum, Cambridge. [not peer reviewed]
- 2017 Branting, Scott, Joseph Lehner, Sevil Baltalı Tırpan, Sarah R. Graff, John M. **Marston**, Tuna Kalaycı, Yasemin Özarlan, Dominique Langis-Barsetti, Lucas Proctor, and Paige Paulsen. The Kerkenes Project 2015-2016. In *The Archaeology of Anatolia, Volume II: Recent Discoveries (2015-2016)*. Edited by Sharon R. Steadman and Gregory McMahon, pp. 154-175. Cambridge Scholars Publishing, Cambridge.
- 2017 **Marston**, John M. Consequences of agriculture in Mesopotamia, Anatolia, and the Levant. *Oxford Encyclopedia of Agriculture and the Environment*. Edited by Peter Bogucki. Oxford University Press, Oxford. DOI: 10.1093/acrefore/9780199389414.013.167
- 2017 Wendrich, Willeke, Rebecca Phillipps, Simon J. Holdaway, Veerle Linseele, Joshua J. Emmitt, and John M. **Marston**. "Chapter 6: Kom K," in *The Desert Fayum Reinvestigated: The Early to Mid-Holocene Landscape Archaeology of the Fayum North Shore, Egypt*. Edited by Simon J. Holdaway and Willeke Wenrich, pp. 165-212. Cotsen Institute of Archaeology Press, Los Angeles.
- 2016 Reddy, Seetha N., with contributions from John M. **Marston**. "Prehistoric plant use and intensification in the Ballona lowlands," in *People in a Changing Land: The Archaeology and History of the Ballona in Los Angeles, California. Volume 3: Material Culture and Subsistence Practices*. Edited by Seetha N. Reddy and John G. Douglas, pp. 645-756. Statistical Research, Inc., Tucson. [not peer reviewed; republication of Marston 2008 technical report listed below]
- 2014 **Marston**, John M. "Ratios and simple statistics in paleoethnobotanical analysis: data exploration and hypothesis testing," in *Method and Theory in Paleoethnobotany*. Edited by John M. Marston, Jade d'Alpoim Guedes, and Christina Warinner, pp. 163-179. University Press of Colorado, Boulder.
- 2014 **Marston**, John M., Christina Warinner, and Jade d'Alpoim Guedes. "Paleoethnobotanical method and theory in the 21st century," in *Method and Theory in Paleoethnobotany*. Edited by John M. Marston, Jade d'Alpoim Guedes, and Christina Warinner, pp. 1-15. University Press of Colorado, Boulder.

- 2014 **Marston**, John M. “Environmental archaeology at the Lofkënd tumulus: results of zooarchaeological, flotation, and wood charcoal analyses,” in *The Excavation of The Prehistoric Burial Tumulus of Lofkënd in Albania*. Edited by John K. Papadopoulos, Sarah P. Morris, Lorenc Bejko, and Lynne A. Schepartz, pp. 483-498. Cotsen Institute of Archaeology Press, Los Angeles.
- 2012 **Marston**, John M. “Reconstructing the functional use of wood at Phrygian Gordion through charcoal analysis,” in *The Archaeology of Phrygian Gordion, Royal City of Midas*. Edited by C. Brian Rose, pp. 47-54. University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia.
- 2011 Papadopoulos, John K., Brian Damiata, and John M. **Marston**. “Once more with feeling: Jeremy Rutter’s plea for the abandonment of the term Submycenaean revisited,” in *Our Cups are Full: Pottery and Society in the Aegean Bronze Age*. Edited by Walter Gauss, Michael Lindblom, Angus Smith, and James Wright, pp. 187-202. Archaeopress, Oxford.

Popular Articles and Editorials

- 2021 Flachs, Andrew, Elizabeth A. Olson, John M. **Marston**, and Maria C. Bruno. Ethnobiology after four years of socioecological violence. *Ethnobiology Letters* 12(1):16-18.
- 2019 Flachs, Andrew, Elizabeth A. Olson, John M. **Marston**, and Andrew Gillreath-Brown. Mentoring is an intellectual pillar of ethnobiology. *Ethnobiology Letters* 10(1):104-108.
- 2019 White, Chantel E., John M. **Marston**, and Alan Farahani. Applied archaeobotany of Southwest Asia: a tribute to Naomi F. Miller. *Vegetation History and Archaeobotany* 28(3):209-214.
- 2018 **Marston**, John M., Andrew Flachs, and Elizabeth A. Olson. Publishing in *Ethnobiology Letters* in 2018. *Ethnobiology Letters* 9(2):283-288.
- 2016 Welch, James R., John M. **Marston**, and Elizabeth A. Olson. Plurality in ethnobiology: a look towards 2017. *Ethnobiology Letters* 7(1):106.
- 2016 **Marston**, John M. Unlocking ancient environmental change with the help of living trees. *Arnoldia* 74(1):14-22.
- 2015 **Marston**, John M. Science joins history: new insights into migration, diet, and disease in Near Eastern archaeology. *Biblical Archaeology Review: Digging Deeper* 3:68.
- 2014 **Marston**, John M. Navigating the interdisciplinary academic job market in archaeology. *The SAA Archaeological Record* 14(1):18-21.
- 2012 **Marston**, John M. Navigating the academic job market in archaeology. *Backdirt: Annual Review of the Cotsen Institute of Archaeology at UCLA* 2012:150-154.
- 2010 **Marston**, John M. Risk and agriculture in ancient Anatolia. *Backdirt: Annual Review of the Cotsen Institute of Archaeology at UCLA* 2010:14-17.
- 2001 **Marston**, Mac. The grass is always greener in the *boma*. *Expedition* 43(3):5-6.

Technical Reports

- 2020 Wade, Kali R., and John M. **Marston**. A synthesis report of phytoliths from Tel Shimron. Report prepared for Tel Shimron Excavations.
- 2019 †Brown, Emily, Kali R. Wade, and John M. **Marston**. Using morphometrics to identify cereal phytoliths in Tomb 50 at Tel Megiddo, Israel. Report prepared for Tel Megiddo Excavations.
- 2019 *Kováčik, Peter, †Emily Brown, and John M. **Marston**. Identification of charcoal from Kaymakçı, Turkey. Report prepared for Kaymakçı Archaeological Project.
- 2019 *Kováčik, Peter, and John M. **Marston**. Identification of charcoal from Çamlıbel Tarlası, Turkey. Report prepared for Çamlıbel Tarlası Project, University of Edinburgh.
- 2019 Wade, Kali R., *Kathleen Forste, and John M. **Marston**. Islamic Shimron phytoliths report 2017/2019. Report prepared for Tel Shimron Excavations.
- 2018 Wade, Kali R., and John M. **Marston**. Preliminary phytolith results from Tomb 50, Tel Megiddo. Report prepared for Tel Megiddo Excavations.
- 2015 †Shin, Nami, and John M. **Marston**. Agriculture and environment at Kaymakçı, Turkey: report from the 2014 field season. Report prepared for Gygaia Projects.

- 2014 **Marston**, John M. Report on Neolithic charcoal samples from Kom K and Kom W. Report prepared for URU Fayum Project.
- 2013 **Marston**, John M. Report of Catalina Island (CA-LA-3593) wood charcoal analysis. Report prepared for Wendy Teeter, UCLA.
- 2011 **Marston**, John M. Agriculture and environment at Kara-Tepe, Uzbekistan. Report prepared for Elizabeth Brite, UCLA.
- 2009 **Marston**, John M. Karanis charcoal samples excavated in 2009. Report prepared for UCLA/RUG Fayum Project.
- 2009 **Marston**, John M. Kom W charcoal samples excavated in 2008. Report prepared for UCLA/RUG Fayum Project.
- 2009 **Marston**, John M. E29H1 charcoal samples excavated in 2008. Report prepared for UCLA/RUG Fayum Project.
- 2008 **Marston**, John M. Playa Vista wood charcoal analysis. Report prepared for Statistical Research, Inc., Woodland, CA.
- 2007 **Marston**, John M. Karanis charcoal samples excavated in 2007. Report prepared for UCLA/RUG Fayum Project.
- 2007 **Marston**, John M. Kom K charcoal samples excavated in 2007. Report prepared for UCLA/RUG Fayum Project.
- 2003 **Marston**, John M. Plant remains from Middle and Late Phrygian domestic contexts at Gordion, Turkey (1993-1994). MASCA Ethnobotanical Laboratory Report 34. University of Pennsylvania Museum, Philadelphia.
- 2000 **Marston**, John M. "Ipomoea" and "Vitis" in *Laboratory Guide to Archaeological Plant Remains from Eastern North America*, edited by Gayle J. Fritz. 2nd ed. <http://artsci.wustl.edu/~gjfritz/>

Teaching Experience

Boston University, Department of Archaeology

Assistant & Associate Professor

2012-present

Archaeology 280 Eating and Drinking in the Ancient World
 Archaeology 307 Archaeological Science
 Archaeology 381/516/802 Paleoethnobotany
 Archaeology/Anthropology 510 Proposal Writing for Social Science Research
 Archaeology 893 World Archaeology
 Archaeology 707/894 Scientific Applications in Archaeology

University of Massachusetts, Boston, Department of Anthropology

Instructor

2012

Anthropology 107 Introduction to Archaeology
 Anthropology 280 Environmental Archaeology

Brown University, Department of Anthropology

Instructor

2012

Anthropology 1555 Environmental Anthropology

Brown University, Joukowsky Institute for Archaeology and the Ancient World

Postdoctoral Fellow

2010-2011

Archaeology 0360 Anatolian Archaeology
 Archaeology 1870 Environmental Archaeology
 Archaeology 2255 Archaeology and Paleoecology of Coastal and Island Environments

University of California, Los Angeles, Department of Classics

Instructor

2009

Classics 10 Discovering the Greeks

Teaching Assistant

2006, 2008-2009

Classics 10 Discovering the Greeks

Classics 20 Discovering the Romans
Classics 51B Art and Archaeology of Ancient Rome

University of California, Los Angeles, Department of Anthropology

Teaching Assistant 2005-2006
Anthropology 8 Introduction to Archaeology

Washington University, St. Louis, Department of Biology

Teaching Assistant 1999-2001
Biology 297 Fundamentals of Biology II
Biology 3051 Genetics

Washington University, St. Louis, Department of Classics

Teaching Assistant 2000
Classics 225D Latin and Greek in Current English

Writing Instruction, Pedagogical Training, and Professional Development

Adobe Catalyst Program Mentee, Center for Teaching and Learning, Boston University 2018-2019
Day-Long Course Revision Workshop, Center for Teaching and Learning, Boston University 2017
Sheridan Center for Teaching and Learning, Certificate Series in Teaching Philosophy, Brown University 2011-2012
Sheridan Center for Teaching and Learning, Certificate Series in Reflective Teaching, Brown University 2010-2011
Writing Group Facilitator: MA Theses in the Social Sciences, Graduate Writing Center, UCLA 2010
Writing Group Facilitator Training, Graduate Writing Center, UCLA 2009-2010
Writing Consultant, Graduate Writing Center, UCLA 2007-2010
Instructor, Six-Week Dissertation Proposal Boot Camp for the Social Sciences, UCLA 2007-2009
Instructor, Six-Week Dissertation Results Chapter Boot Camp, UCLA 2009
TA Training Seminar, Office of Instructional Development, UCLA 2005
Teaching Anthropology (full term course), UCLA 2005
Teaching Classics (full term course), UCLA 2005

Selected Grants and Fellowships

External, As Principal/Co-Principal Investigator

National Science Foundation, Archaeology Program 2019-2021
Principal Investigator (Co-PI: David Meiggs, Rochester Institute of Technology, Award #1917671) \$213,766
“Collaborative Research: Spatial Analysis of State Agropastoral Economies” (BU portion \$152,192)

Core Fulbright Scholars Program, Australia (All Disciplines) Spring 2020
Fellow AUD \$26,500
“Agricultural Sustainability at the Nexus of Empire and Climate Change”

Social Science and Humanities Research Council of Canada, Insight Grant 2018-2022
Collaborator (equivalent to co-PI; PI: Hendrik Poinar, McMaster University) CAD \$310,637
“Rewriting Plague’s Second Pandemic: History Meets Science”

Archaeological Institute of America Publications Subvention Grant 2016
Author \$3,000
for color section of book *Agricultural Sustainability and Environmental Change at Ancient Gordion*

American Philosophical Society Franklin Research Grant 2016
Principal Investigator \$3,500
“Empire and Environment in Late Bronze and Iron Age Turkey”

American Research Institute in Turkey – Council of Overseas American Research Centers / U.S. Department of State, Educational, and Cultural Affairs Fellowship 2016
Principal Investigator \$5,000
“Empire and Environment in Late Bronze and Iron Age Anatolia”

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|---|-----------|
| National Science Foundation, Archaeology Program | 2015-2016 |
| <i>Principal Investigator</i> (Co-PI: Anna Goldfield, Award #1551399) | \$17,716 |
| “Doctoral Dissertation Research: Comparative Utilization of Animal Resources in Long Term Perspective” | |
| American Philosophical Society Franklin Research Grant | 2012 |
| <i>Principal Investigator</i> | \$4,000 |
| “Archaeological Investigation of Agricultural and Economic Sustainability in Bronze and Iron Age Turkey” | |
| Council of American Overseas Research Centers Multi-Country Research Fellowship | 2010-2011 |
| <i>Principal Investigator</i> | \$10,000 |
| “Long-Term Agricultural Sustainability in the Ancient Eastern Mediterranean” | |
| National Science Foundation, Archaeology Program | 2008-2010 |
| <i>Co-Principal Investigator</i> (PI: John Papadopoulos, Award #0832125) | \$10,030 |
| “Doctoral Dissertation Research: The Archaeology and Behavioral Ecology of Human-Landscape Interaction at Gordion, an Ancient City on the Anatolian Steppe” | |
| National Science Foundation, Graduate Research Fellowship Program | 2003-2008 |
| <i>Fellow</i> | \$119,000 |

External, As Senior Personnel (or Equivalent)

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| National Geographic Society, Committee for Research and Exploration | 2018 |
| <i>Team Member</i> (PI: Elizabeth Brite, Purdue University, Award #NGS-179E-18) | \$29,630 |
| “Archaeological Investigations of Agriculture at Sim-Ata, Uzbekistan” | |
| National Science Foundation, Archaeology Program | 2016-2019 |
| <i>Senior Personnel</i> (PI: Scott Branting, University of Central Florida, Award #1624105) | \$249,978 |
| “Investigation into the Social Organization of an Early City” | |
| National Science Foundation, Research Experience for Undergraduates Program | 2015-2018 |
| <i>Senior Personnel</i> (PI: Julia Giblin, Quinnipiac University, Award #1460820) | \$358,558 |
| “REU Site: The Bronze Age Koros Off-Tell Archaeological (BAKOTA) Field School: Undergraduate Training in Fieldwork and Independent Research Reporting in European Archaeology” | |
| National Science Foundation, Archaeology Program | 2013-2017 |
| <i>Senior Personnel</i> (PIs: Christopher Roosevelt, Boston University, Award #1261363) | \$238,124 |
| “Cultural Dynamics and Overlapping Interaction Spheres in the Marmara Lake Basin, Western Turkey” | |
| National Endowment for the Humanities, Division of Research Programs | 2012-2016 |
| <i>Senior Personnel</i> (PI: Christina Luke, Boston University, Award #RZ5155613) | \$281,645 |
| “Bronze Age Cultural Dynamics, Sustainability, and Landscapes in the Marmara Lake Basin, Gediz Valley, Western Turkey” | |

Internal

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| Conference Travel Fund Grant, College of Arts and Sciences, Boston University | 2019 |
| <i>Presenter</i> | \$2,000 |
| Funding for attendance at anthraco2019 conference, Liverpool, UK | |
| Academic Enhancement Fund Grant, College of Arts and Sciences, Boston University | 2018 |
| <i>Instructor</i> | \$200 |
| Funding for hands-on food activity development for ancient eating and drinking course | |
| Assessment Mini-Grant, Office of the Provost, Boston University | 2017 |
| <i>Faculty co-Lead</i> (with Catherine West) | \$1,000 |
| Funding for faculty retreat for assessment of archaeological science curriculum at Boston University | |
| Undergraduate Research Opportunities Program Awards, Boston University | 2013-2019 |
| <i>Faculty Mentor</i> | \$35,200 |
| Research stipends for six undergraduate students to undertake directed research in archaeology | |

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| Course Innovation Grant, Center for Excellence and Innovation in Teaching, Boston University <i>Instructor</i> | 2015 \$1,500 |
| Funding for laboratory component development for paleoethnobotany course | |
| Working Group Grant, Environmental Change Initiative, Brown University <i>Principal Investigator</i> | 2011 \$20,225 |
| “Human Presence in Coastal Ecosystems and Paleoenvironments” | |
| Dissertation Year Fellowship, Graduate Division, UCLA <i>Fellow</i> | 2009-2010 \$29,295 |
| National Science Foundation, Research Experience for Undergraduates Program <i>Fellow</i> | 2001 \$2,000 |
| Washington University in St. Louis <i>Florence Moog Scholar</i> | 1999-2001 \$24,400 |
| Awarded to single student each year for best combination of research and teaching potential | |
| Washington University in St. Louis <i>Liselotte Dieckmann Scholar</i> | 1997-2001 \$46,450 |
| Merit-based scholarship awarded by the College of Arts and Sciences | |

Honors and Awards

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|---|------------------|
| Templeton Award for Excellence in Student Advising and Mentoring Awarded for distinguished mentoring in the College of Arts and Sciences, Boston University | 2019 |
| James R. Wiseman Book Award Awarded by the Archaeological Institute of America to the best recent archaeological monograph | 2019 |
| Gitner Award for Distinguished Teaching Awarded for distinguished teaching in the College of Arts and Sciences, Boston University | 2018 |
| Best Poster Award For best poster presented at the Annual Conference of the Society of Ethnobiology | 2017 |
| Finalist, Amerind Foundation Seminar Program for SAA Symposium Co-chair and organizer of symposium at SAA Annual Meeting selected as finalist for the Amerind seminar | 2017 |
| AAA Archaeology Division Sponsored SAA Symposium Co-chair and organizer of single symposium at SAA Annual Meeting sponsored by the AAA AD | 2017 |
| Peter Paul Career Development Professorship Boston University, one of three faculty selected university-wide for career development research award | 2013-2016 |
| DISCCRS VII Symposium Selected participant in symposium for interdisciplinary climate change scholars, funded by NSF and NASA | Oct. 13-20, 2012 |
| American Council of Learned Societies New Faculty Fellows Program Alternate | 2011 |
| Finalist, Council of Graduate Studies/UMI Distinguished Dissertation Award UCLA's sole nominee and one of five finalists nationwide in the Social Sciences division | 2010 |
| Student Marshal, Doctoral Hooding Ceremony One of two selected by Graduate Division for “outstanding achievements during doctoral study at UCLA” | 2010 |
| Chancellor's Service Award UCLA, for “students who exemplify superior leadership and service to UCLA and the community” | 2010 |
| Barbara Lawrence Award For best paper presented at the Annual Conference of the Society of Ethnobiology | 2010 |
| Student Paper Award For best paper presented at the Annual Meeting of the Society for American Archaeology | 2010 |
| Graduate Student Paper Award For best paper presented at the Annual Meeting of the Archaeological Institute of America | 2010 |

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| Dedicated Service Award | 2007 |
| For service to the UCLA Graduate Students Association, 2004-2007 | |
| Eugene Tavenner Prize | 2001 |
| Department of Classics, Washington University, awarded to one student for excellence in Greek and Latin | |
| Sigma Xi | 2001 |
| Associate Member, Washington University Chapter | |
| Phi Beta Kappa | 2000 |
| Washington University Chapter, inducted as a junior | |
| Julius Nyerere Essay Prize | 1998 |
| Department of African Studies, Washington University, for best student paper (undergraduate or graduate) | |
| Burton M. Wheeler Freshman Book Award | 1998 |
| Washington University Chapter of Phi Beta Kappa, for outstanding achievement in the liberal arts | |

Archaeological and Interdisciplinary Research Projects

Current

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| Khorezm Ancient Agriculture Project, Uzbekistan | 2017-present |
| <i>Paleoethnobotanist</i> | |
| Paleoethnobotanist on collaborative research endeavor to understand the long-term impacts of globalization on and agricultural innovation in agrarian societies along the Silk Road Khorezm Oasis of northwestern Uzbekistan | |
| Tel Shimron Archaeological Project, Israel | 2016-present |
| <i>Paleoethnobotanist</i> | |
| Director of botanical research at Bronze Age to Medieval tell; project goals include identification of diachronic landscape change and study of strategies for agriculture, arboriculture, and woodland management | |
| Ashkelon Expedition, Ashqelon, Israel | 2012-present |
| <i>Paleoethnobotanist</i> | |
| Multi-period urban center on the southern Levantine coast, dating from Middle Bronze Age through Medieval periods; project goals include vegetation and diet reconstruction, and study of strategies for agriculture, arboriculture, and woodland management | |
| Kerkenes Project, Yozgat, Turkey | 2010-present |
| <i>Director of Environmental Research</i> | |
| Director of environmental and ecological research at a 6 th -century BCE city in central Turkey; studying domestic compounds to evaluate differences in agriculture and land use within the city and in regional comparison | |
| Gordion Archaeological Project, Yassihöyük, Turkey | 2002-present |
| <i>Paleoethnobotanist</i> | |
| Direct (since 2012) botanical research at a mounded, multi-period (c. 3000 BCE - 1400 CE) urban center in Central Turkey; study long-term land use and agricultural change, and their environmental implications, in Gordion region | |

Previous

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| Kaymakçı Archaeology Project, Lydia, Turkey | 2012-2020 |
| <i>Paleoethnobotanist</i> | |
| Directed botanical research at Middle-Late Bronze Age citadel; in addition, coordinated analysis of plant and animal remains and paleoenvironmental research | |
| Çamlıbel Tarlası Project, Çorum, Turkey | 2011-2020 |
| <i>Charcoal Analyst</i> | |
| Chalcolithic metalworking site in highland central Turkey; analysis aimed to reconstruct forest structure and wood choice in a diverse forest environment | |
| Bronze Age Körös Off-Tell Archaeological (BAKOTA) Project, Hungary | 2013-2016 |
| <i>Paleoethnobotanist</i> | |
| NSF-sponsored excavation of Middle Bronze Age sites in the Great Hungarian Plain; faculty mentor for NSF Research Experiences for Undergraduates field school | |

- Assessing Motivations for Interdisciplinary Climate Change Research** 2013-2015
Co-Principal Investigator
 Led team of six researchers, each from a different university and research background, conducting an online survey of PhD scholars who self-identified as interested in interdisciplinary approaches to climate change, with aim of understanding the motivations for and barriers to interdisciplinary collaboration; approved by BU IRB, 3205X
- URU (UCLA, U. Groningen, U. Auckland) Fayum Project, Fayum Oasis, Egypt** 2007-2015
Charcoal Analyst
 Directed analysis of archaeological wood charcoal at Epipaleolithic, Early Neolithic, and Roman sites in the Western Desert of Egypt; reconstructed landscape, vegetation, and paleoclimate, and evaluated economic strategies for arboriculture and woodland management
- Kara-Tepe Archaeological Project, Kara-Tepe, Uzbekistan** 2010-2013
Paleoethnobotanist
 Completed analysis of seeds from a burned storage room at a 3rd-8th century CE site in the Khorezm Oasis of northwestern Uzbekistan
- Lofkënd Tumulus Archaeological Project, Lofkënd, Albania** 2004-2011
Environmental Archaeologist
 Paleoethnobotanist and zooarchaeologist for remains recovered from a Late Bronze Age/Early Iron Age burial tumulus in Albania; served as trench supervisor for two seasons, collected soil samples for flotation, analyzed all animal bones and plant macroremains recovered
- Statistical Research, Inc., Woodland, CA** 2008
Charcoal Analyst
 Identified wood charcoal remains from Playa Vista archaeological sites in southern California
- Museum Applied Science Center for Archaeology, University of Pennsylvania Museum** 2001-2003
Researcher
 Led project to develop new techniques to recover, amplify, and identify ancient DNA from animal bone using (then) novel application of fluorogenic allelic discrimination
- Athienou Archaeological Project, Athienou, Cyprus** 2001
Excavator
 Archaic to Roman open-air sanctuary site in the Messouria Plain of Cyprus
- University of Pennsylvania Museum Maasai Ethnobotany Project, Rombo, Kenya** 1999
Ethnobotanist
 Led project to record plant growth in abandoned Maasai settlements in southern Kenya in order to identify plant communities that mark historical settlements for subsequent archaeological site survey

Conference Participation

(* = coauthored with graduate student; † = coauthored with undergraduate student; ‡ = won best paper/poster award)

Oral Presentations

- 2021 **Marston**, John M. “The role of environmental archaeology in reconstructing agricultural adaptation to climate change” Coping with Changing Climates in Early Antiquity Symposium, University of Chicago
- 2020 *Shin, Nami, and John M. **Marston**. “Agricultural patterns of Bronze Age Kaymakçı, Gediz Valley” Annual Meeting of the American Schools of Oriental Research
- 2019 **Marston**, John M., and *Peter Kováčik. “Wood use at Chalcolithic Çamlıbel Tarlası” Annual Meeting of the American Schools of Oriental Research
- Marston**, John M. “Environmental legacies of imperial agricultural systems in ancient Anatolia” Environmental Entanglements Colloquium, University of Western Ontario
- Marston**, John M., and *Peter Kováčik. “Wood use at Chalcolithic Çamlıbel Tarlası, Turkey” anthraco2019 Conference, University of Liverpool, UK

- 2019 Kaya, Zeki, Asiye Çiftçi, Funda Özdemir Değirmenci, Çiğdem Kansu, Christina Luke, Christopher H. Roosevelt, and John M. **Marston**. “Comparative sequence analysis of 3500-year-old charred crop seeds from Kaymakçı in western Turkey with their contemporary relatives using chloroplast and nuclear gene regions” SARA Seed Science and Archaeobotanical Research in Anatolia symposium
- Brite, Elizabeth Baker, Gairatdin Khozhaniyazov, John M. **Marston**, and †Sydney Hunter. “Provisioning the flood-prone city: the urban center of Kath (Kat) in Khorezm” Deutsches Archäologisches Institut, Berlin, international conference “Beyond the Walls: Provisioning Cities in Ancient Eurasia”
- 2018 Branting, Scott, Joseph Lehner, Sevil Baltalı Tırpan, *Dominique Langis-Barsetti, Tuna Kalaycı, *Yasemin Özarslan, Sarah Graff, *Lucas Proctor, Nilüfer Baturayoğlu Yöney, Burak Asiliskender, Canan Çakırlar, John M. **Marston**, and Paige Paulsen. “The 2018 Season of the Kerkenes Project, Turkey” Annual Meeting of the American Schools of Oriental Research
- Marston**, John M. “Rural agricultural strategies in the Roman eastern Mediterranean” Annual Meeting of the American Schools of Oriental Research
- Marston**, John M., Kali R. Wade, †Emily Brown, and Melissa S. Cradic. “Microbotanical and macrobotanical remains from Middle Bronze Age Tomb 50, Tel Megiddo” Annual Meeting of the American Schools of Oriental Research
- Graff, Sarah R., Scott Branting, and John M. **Marston**. “Production requires water: water management in an ancient Anatolian city” Society for Economic Anthropology 2018 Annual Meeting
- 2017 **Marston**, John M., and Kathleen J. Birney. “Hellenistic agricultural economy in the southern Levant: new evidence from Ashkelon” Annual Meeting of the American Schools of Oriental Research
- Çakırlar, Canan, and John M. **Marston**. “Provisioning and agricultural economy at Roman Gordion: integrating archaeobotany and zooarchaeology” 13th Meeting of the Archaeozoology of Southwest Asia Working Group, International Council for Archaeozoology
- Graff, Sarah R., and John M. **Marston**. “Phrygian cuisine at Kerkenes: a synthesis of ceramic and botanical evidence for food storage and cooking” 82nd Annual Meeting of the Society for American Archaeology
- Marston**, John M., and Canan Çakırlar. “Provisioning and agricultural economy at Roman Gordion: integrating archaeobotany and zooarchaeology” 82nd Annual Meeting of the Society for American Archaeology
- White, Chantel, Alan Farahani, and John M. **Marston**. “Naomi F. Miller and applied paleoethnobotany of the ancient Near East” 82nd Annual Meeting of the Society for American Archaeology
- 2016 **Marston**, John M., Deirdre Fulton, and *Kathleen M. Forste. “Animal and plant economies at Islamic and Crusader Ashkelon” Annual Meeting of the American Schools of Oriental Research
- *Goldfield, Anna E., *Ross Booton, and John M. **Marston**. “Modeling the role of fire in the competitive exclusion of Neanderthals” 81st Annual Meeting of the Society for American Archaeology
- Marston**, John M. “Woodland ecology and wood fuel use in the Epipaleolithic and early Neolithic Fayum, Egypt” 39th Annual Conference of the Society of Ethnobiology
- 2015 *Forste, Kathleen, and John M. **Marston**. “Investigating economic and social impacts of agricultural production and consumption at Islamic Ashkelon” Annual Meeting of the American Schools of Oriental Research
- Hoffman, Tracy, *Kathleen Forste, and John M. **Marston**. “New evidence for agriculture and economy at Crusader Period Ashkelon” Annual Meeting of the American Schools of Oriental Research
- †Shin, Nami, John M. **Marston**, Christopher H. Roosevelt, and Christina Luke. “Reconstructing Late Bronze Age agriculture at Kaymakçı, western Turkey” 38th Annual Conference of the Society of Ethnobiology
- Marston**, John M. “Reconstructing agricultural decision making from paleoethnobotanical remains” 80th Annual Meeting of the Society for American Archaeology
- *Forste, Kathleen, and John M. **Marston**. “Paleoethnobotanical investigations of the economy of Islamic Ashkelon” 80th Annual Meeting of the Society for American Archaeology
- Marston**, John M. “Agricultural adaptation during imperial expansion: climate adaptation in Iron Age highland Central Anatolia” 116th Annual Meeting of the Archaeological Institute of America

- 2014 **Marston**, John M., René Cappers, Veerle Linseele, Caroline Vermeeren, and Willeke Wendrich. “Archaeological perspectives on desert adaptation in the Roman Fayum, Egypt” American Academy in Rome conference *Diet and Environment in the Roman World*, 2014
- 2013 **Marston**, John M. “Agricultural adaptation to climate change in central Turkey, 1500 BCE – 500 CE” 36th Annual Conference of the Society of Ethnobiology
- 2012 **Marston**, John M. “People, agriculture, and climate in the ancient eastern Mediterranean,” DISCCRS VII Symposium
- 2011 **Marston**, John M. “Ratios and simple statistics in paleoethnobotanical analysis” 76th Annual Meeting of the Society for American Archaeology
- Marston**, John M., and Naomi F. Miller. “Intensive agriculture and landscape degradation at Roman Gordion” 112th Annual Meeting of the Archaeological Institute of America
- 2010 ‡ **Marston**, John M. “Assessing the long-term sustainability of agricultural systems: an archaeological case study” 33rd Annual Conference of the Society of Ethnobiology
- ‡ **Marston**, John M. “Identifying agricultural risk management using paleoethnobotanical remains” 75th Annual Meeting of the Society for American Archaeology
- Marston**, John M. “Archaeobotanical applications of VPSEM” UCLA Cotsen Institute of Archaeology symposium “From the Field to the Microscope: in situ Scanning Electron Microscopy and Microanalysis in Conservation, Art and Archaeology”
- ‡ **Marston**, John M. “Agricultural strategies and risk management at Gordion” 111th Annual Meeting of the Archaeological Institute of America
- 2007 **Marston**, John M. “Reconstructing the functions of wood in domestic and industrial space through charcoal analysis” 72nd Annual Meeting of the Society for American Archaeology
- Marston**, John M. “An ethnoarchaeological model for the acquisition of wood resources at Gordion, Turkey” 30th Annual Conference of the Society of Ethnobiology
- Marston**, John M. “The human behavioral ecology of wood acquisition and deposition at Gordion” University of Pennsylvania Museum symposium “The Archaeology of Phrygian Gordion”

Posters

- 2019 †Hunter, Sydney A., Kali R. Wade, Elizabeth Baker Brite, and John M. **Marston**. “Phytolith perspectives on agriculture in the Islamic Golden Age city of Kath” 42nd Annual Conference of the Society of Ethnobiology
- Marston**, John M., †Sydney A. Hunter, and Elizabeth Baker Brite. “Macrobotanical perspectives on agriculture in the Islamic Golden Age city of Kath” 42nd Annual Conference of the Society of Ethnobiology
- Wade, Kali R., †Emily Brown, Melissa S. Cradic, and John M. **Marston**. “Plant use and elite burial customs at Middle Bronze Age Tel Megiddo, Israel” 42nd Annual Conference of the Society of Ethnobiology
- 2018 †Hunter, Sydney A., Kali R. Wade, and John M. **Marston**. “A microbotanical study of landscape use by enslaved communities at James Madison’s Montpelier” 41st Annual Conference of the Society of Ethnobiology
- 2017 ‡ †Johnson, Emily S., and John M. **Marston**. “Elite feasting and monumental dedication at Early Phrygian Gordion, central Turkey” 40th Annual Conference of the Society of Ethnobiology
- 2016 †Pio, Kayla, and John M. **Marston**. “Food offerings and feasting in Middle Bronze Age burial contexts from the Körös region, Hungary” 81st Annual Meeting of the Society for American Archaeology
- Marston**, John M., and †Emily Ubik. “Morphometric measurements of wheat and barley at ancient Gordion, Turkey” 81st Annual Meeting of the Society for American Archaeology
- 2015 †Ubik, Emily, and John M. **Marston**. “Agricultural implications of wheat and barley grain measurements at ancient Gordion, Turkey” 38th Annual Conference of the Society of Ethnobiology
- 2013 **Marston**, John M. “Agricultural adaptation to climate variation in Iron Age Central Anatolia” Annual Meeting of the American Schools of Oriental Research

- 2013 **Marston**, John M. “Agricultural adaptation to highland central Anatolia: new data from the Iron Age city of Kerkenes” 78th Annual Meeting of the Society for American Archaeology

Conferences and Workshops Organized

- 2017 Third Meeting of the Northeast Environmental Archaeology Network (NEEAN), Boston University, Conference Co-Organizer, September 30, 2017
Charcoal identification workshop, Instructor, Environmental Archaeology Laboratory, Boston University, August 21-25, 2017
- 2016 Charcoal identification workshop, Instructor, Environmental Archaeology Laboratory, Boston University, August 15-19, 2016
- 2015 Second Meeting of the Northeast Environmental Archaeology Network (NEEAN), Boston University, Conference Co-Organizer, October 3, 2015
Charcoal identification workshop, Instructor, Environmental Archaeology Laboratory, Boston University, August 17-21, 2015
- 2014 Charcoal identification workshop, Instructor, Environmental Archaeology Laboratory, Boston University, August 11-15, 2014
First Meeting of the Northeast Environmental Archaeology Network (NEEAN), Conference Co-Organizer, Boston University, April 5, 2014
- 2011 “The past and present of human interactions with coastal environments: towards a new interdisciplinary graduate training program” Symposium Organizer, Brown University Environmental Change Initiative, October 8, 2011

Conference Sessions Organized

- 2017 “Archaeologies of empire and environment” Session Organizer and Chair (with Melissa Rosenzweig), 82nd Annual Meeting of the Society for American Archaeology [Selected for sponsorship by AAA AD; finalist for SAA-Amerind Seminar award]
“2017 Fryxell Award symposium: papers in honor of Naomi F. Miller” Session Organizer (with Alan Farahani and Chantel White), 82nd Annual Meeting of the Society for American Archaeology
- 2011 “Current methods in paleoethnobotany” Session Organizer and Chair (with Jade d’Alpoim Guedes and Christina Warinner), 76th Annual Meeting of the Society for American Archaeology

Discussant

- 2018 Discussant for Wiener Lab Colloquium “Agriculture in the prehistoric Aegean: data vs. speculation, three decades on” (Susan Allen and China Shelton, chairs), 2018 Annual Meeting of the Archaeological Institute of America
- 2016 Discussant for “Archaeoethnobotany and household contexts” (Lauren Santini and Sadie Weber, chairs), 81st Annual Meeting of the Society for American Archaeology

Invited Lectures and Workshops

- 2021 “Woodland ecology and wood use in the prehistoric and Roman Fayum, Egypt” Archaeological Institute of America, annual endowed Braidwood Lecture, Denver Chapter
- 2020 “Towards reconstructing an Achaemenid agricultural policy in central Anatolia” Cotsen Institute of Archaeology, University of California, Los Angeles
“Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Archaeology, University of Sydney [cancelled due to COVID-19 closure]
“Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Archaeology, Macquarie University [cancelled due to COVID-19 closure]
“Environmental legacies of imperial agricultural systems in ancient Anatolia” School of Social Science, University of Queensland

- 2019 “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Stanford Archaeology Center, Stanford University
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Anthropology, University of California, Santa Barbara
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Archaeological Research Facility, University of California, Berkeley
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Classics and Institute of Archaeology and Material Studies, Cornell University
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Anthropology, Yale University
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Anthropology, Dartmouth College
- 2018 Invited Panelist, “Digging the Past for the Future: Using Archaeology to Confront Current Issues” Mini-Conference, University of Massachusetts, Boston
- “Agricultural strategies and environmental change in the ancient eastern Mediterranean” Department of Anthropology, Harvard University
- “Woodland ecology and wood use in the Neolithic and Roman Fayum, Egypt” American Research Center in Egypt, Tucson AZ chapter, and University of Arizona Laboratory of Tree-Ring Research
- “Agricultural strategies and environmental change in ancient Anatolia” Department of Anthropology, Brandeis University
- 2017 “Archaeobotanical research in Late Bronze and Iron Age Central Anatolia” Institute for the Study of the Ancient World, New York University
- “Agricultural strategies and environmental change in ancient Anatolia” Oriental Institute, University of Chicago
- “Plant ecology and agricultural sustainability in ancient central Turkey” Harvard University Herbaria Research Symposium
- 2016 “Agricultural sustainability and environmental change in the ancient eastern Mediterranean” Program in Biogeoscience, Boston University
- “Agricultural sustainability and environmental change in the ancient eastern Mediterranean” Department of Earth and Environmental Sciences, Boston College
- 2015 “Agricultural sustainability and environmental change in the ancient eastern Mediterranean” Quinnipiac University
- “Agricultural sustainability and climate-change adaptation in ancient Anatolia” School of Social Science, University of Queensland, Australia
- “Wood anatomy and archaeological charcoal analysis” Department of Anthropology, Washington State University
- 2014 “Plant ecology and agricultural sustainability in ancient Turkey” Arnold Arboretum Research Symposium, Boston
- “Agricultural sustainability and climate-change adaptation in ancient Anatolia” Department of Anthropology, Pennsylvania State University
- “Agropastoral strategies as climate-change adaptation in ancient Anatolia” Department of Anthropology, Harvard University
- “Agricultural sustainability and climate-change adaptation in the ancient eastern Mediterranean” Junior Faculty Research Seminar, Boston University
- “Agricultural sustainability and climate-change adaptation in the ancient eastern Mediterranean” Department of Environmental Conservation, University of Massachusetts, Amherst
- 2013 “Agricultural sustainability and climate-change adaptation in the eastern Mediterranean” Connecticut College
- 2012 Invited Panelist, “Mixed Methods and Interdisciplinary Research Practice” Mini-Conference, University of Massachusetts, Boston

- 2012 “Agricultural sustainability and cultural resilience in the ancient eastern Mediterranean,” Department of Anthropology, Boston University
 “Towards a regional perspective on agricultural sustainability in the imperial eastern Mediterranean,” Joukowsky Institute for Archaeology, Brown University
 “Paleoethnobotanical analysis and reconstructing environmental change in the ancient eastern Mediterranean,” Department of Classics, Union College
 “Long-term environmental sustainability and cultural resilience in the eastern Mediterranean,” Department of Anthropology, University of Maryland, College Park
 “Long-term environmental sustainability and cultural resilience in the eastern Mediterranean,” Department of Archaeology, Boston University
 “Long-term environmental sustainability and cultural resilience in the eastern Mediterranean,” Department of Anthropology, Indiana University-Purdue University, Fort Wayne
 “Long-term environmental sustainability and cultural resilience in the eastern Mediterranean,” Department of Anthropology, University of Illinois at Urbana-Champaign
 “Agriculture and long-term environmental sustainability in the eastern Mediterranean,” Center for Environmental Studies, Williams College
- 2011 “Agricultural risk and sustainability in the ancient eastern Mediterranean,” Department of Archaeology, University of Nottingham
 “Long-term agricultural sustainability in the ancient Mediterranean,” Department of Anthropology and Sociology, Whittier College
 “Agriculture, risk, and sustainability in ancient Anatolia,” Department of Anthropology, University of Connecticut
 “Archaeological perspectives on agricultural risk and sustainability,” Department of Anthropology, Harvard University
 “The environmental archaeology of agricultural sustainability in ancient Anatolia,” Fiske Center for Archaeological Research, University of Massachusetts, Boston
- 2010 “Archaeological perspectives on climate adaptation,” Environmental Change Initiative, Brown University
 “Land use and abuse in ancient Anatolia,” Joukowsky Institute for Archaeology, Brown University
 “Risk, sustainability, and decision making: evaluating agricultural strategies in ancient Anatolia,” Department of Anthropology, University of California, Santa Barbara
 “Wood anatomy and archaeological charcoal analysis” Department of Anthropology, University of California, Santa Barbara
- 2008 “Modern ecology and ancient environments at Gordion, Turkey,” Anatolia Research Interest Group, UCLA

Service to the Profession

Editorial

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| Editor, <i>Elements in Environmental Archaeology</i> book series, Cambridge University Press | 2020-present |
| Editorial Board, <i>Archaeology of Anatolia: Recent Work</i> series, Cambridge Scholars Publishing | 2018-present |
| Editorial Board, <i>Open Quaternary</i> | 2014-present |
| Editorial Board, <i>Ethnobiology Letters</i> | 2014-2015, 2021-present |
| Co-Editor, <i>Ethnobiology Letters</i> | 2015-2020 |
| Editor Selection Committee Member, <i>Journal of Ethnobiology</i> | 2019 |

Committee and Conference Service

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| Member, Wiseman Book Award Committee, Archaeological Institute of America | 2020-2023 |
| Treasurer-Elect (2019-2020) and Treasurer (2020-2023), Society of Ethnobiology | 2019-2023 |
| Scientific Committee Member, anthraco2023 (international wood charcoal conference) | 2019-2023 |
| Chair, Student Award Committee, Society for American Archaeology | 2018-2021 |
| Board of Participating Institutions Member, American Research Institute in Turkey | 2018-present |
| Managing Committee Member, American School of Classical Studies at Athens | 2018-present |

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| Steering Committee Member, Near Eastern Isotopes Working Group | 2017-present |
| Regional Society Delegate, Archaeological Institute of America Annual Meeting | 2018 |
| Founder, Northeast Environmental Archaeology Network (NEEAN) | 2014 |
| Application Reviewer, New Generation of Polar Researchers Symposium | 2014 |
| Poster Award Selection Committee, Annual Meeting of the Society of Ethnobiology | 2013 |
| Application Reviewer, DISCCRS VIII Symposium | 2013 |

Referee

American Philosophical Society
 Excellence of Science (EOS) Programme (F.R.S.-FNRS and FWO, Belgium)
 Macquarie University Research Fellowship Programme (Australia)
 National Geographic Society
 National Science Centre (Poland)
 National Science Foundation, Reviewer and Panelist
 Netherlands Organisation for Scientific Research (NWO)
 Puerto Rico Science, Technology & Research Trust
 Social Sciences and Humanities Research Council of Canada (SSHRC)
 Social Sciences Research Council

Advances in Archaeological Practice
African Archaeological Review
American Anthropologist
American Journal of Botany
Ancient Mesoamerica
Antiquity
Archaeological and Anthropological Sciences
Archaeological Research in Asia
Bioarchaeology International
 Cambridge University Press
Ecology and Society
Environmental Archaeology
Ethnobiology Letters
Frontiers in Earth Science
The Holocene
Journal of Anthropological Archaeology
Journal of Anthropological Research
Journal of Archaeological Research
Journal of Archaeological Science
Journal of Archaeological Science: Reports
Journal of Arid Environments
Journal of Eastern Mediterranean Archaeology and Heritage Studies
Journal of Ethnobiology
Journal of Field Archaeology
Journal of Mediterranean Archaeology
Landscape and Urban Planning
Nature Sustainability
 PLoS ONE
Proceedings of the National Academy of Sciences of the United States of America (PNAS)
Progress in Physical Geography
Quaternary International
Vegetation History and Archaeobotany

Invited external reviewer for 1 tenure and promotion case since 2020

Service to the University

To the University/College/External Programs

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| University NAGPRA Review Committee | 2020-present |
| Advisory Group Member, PhD Professional Development Platform, Office of the Provost, Boston University | 2021 |
| MyCV Platform Advisory Committee Member, Office of the Provost, Boston University | 2020-2021 |
| Graduate Academic Affairs Committee, College of Arts and Sciences, Boston University | 2020-2021 |
| Panelist, "Fellowship Application Panel" Graduate Women in Science and Engineering, Boston Univ. | 2016, 2020 |
| Invited Faculty Speaker, Office of Undergraduate Admissions, Boston University | 2013-2019 |
| Panelist, "Fellowship Editing Workshop" Graduate Women in Science and Engineering, Boston Univ. | 2016, 2018 |
| Co-organizer, Junior Faculty Colloquium, College of Arts and Sciences, Boston University | 2016-2017 |
| Faculty Advisory Committee, Undergraduate Research Opportunities Program, Boston University | 2013-2017 |
| Faculty Lead, Steering Committee, Dissertation Proposal Development Program, Boston University | 2016 |
| Faculty Advisory Committee, Professional Development & Postdoctoral Affairs, Boston University | 2015-2016 |
| Faculty Search Committee, Department of Earth and Environment, Boston University | 2013-2014 |
| Faculty Participant, AAU STEM Education Conference, Washington, DC | 2014 |
| Undergraduate Research Poster Symposium Award Judge, Boston University | 2013 |
| Panelist, Future Faculty Symposium, Center for Excellence and Innovation in Teaching, Boston University | 2013 |
| Panelist, "How to find and earn a fellowship" Graduate Women in Science and Engineering, Boston University | 2013 |

To Affiliated Departments/Programs

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| Paper and Poster Award Judge, Biogeoscience Graduate Student and Postdoc Symposium | 2016, 2018 |
| Research and Travel Grant Committee, Program in Biogeosciences, Boston University | 2016 |
| Panelist, "Demystifying the publication process" Program in Biogeosciences, Boston University | 2016 |
| Co-chair, Lecture Committee, Department of Anthropology, Boston University | 2014-2015 |
| Faculty Search Committee, Department of Anthropology, Boston University | 2013-2014 |
| Environmental Statistics Course Development Working Group, Brown University | 2011 |
| Climate Adaptation Panel, Environmental Change Initiative Retreat, Brown University | 2010 |

To Home Department/Program

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| Director, Program in Archaeology, Boston University | 2020-2023 |
| Graduate Admissions Committee, Department of Anthropology, Boston University | 2018-2019, 2020-2021 |
| Graduate Studies Committee, Department of Anthropology, Boston University | 2018-2019, 2020-2021 |
| BU Faculty Liaison, Center for Materials Research in Archaeology and Ethnology Consortium | 2012-2019, 2020-2021 |
| Director of Graduate Studies, Department of/Program in Archaeology, Boston University | Fall 2017, 2018-2019 |
| Graduate Studies Committee, Department of/Program in Archaeology, Boston University | 2014-2019 |
| Laboratory Committee, Department of/Program in Archaeology, Boston University | 2017-2019 |
| Website Committee, Department of/Program in Archaeology, Boston University | 2013-2019 |
| Chair, Lecture Committee, Department of Archaeology, Boston University | 2012-2015, 2016-2018 |
| Chair, Laboratory Committee, Department of Archaeology, Boston University | 2012-2017 |
| Merit Review Committee, Department of Archaeology, Boston University | 2014-2015 |
| Chair's Advisory Committee on Space/Facilities, Department of Archaeology, Boston University | 2012-2014 |

As Graduate Student

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| Seminar Coordinator, Anatolia Research Interest Group, Cotsen Institute of Archaeology, UCLA | 2008-2009 |
| Panelist and Moderator, New Graduate Student Orientation, University of California, Los Angeles | 2006-2009 |
| Training Seminar Leader, Graduate Writing Center, University of California, Los Angeles | 2009 |
| Chair, Oversight Committee, Graduate Student Resource Center, UCLA | 2006-2007 |
| Vice President of Internal Affairs, Graduate Students Association, UCLA | 2005-2007 |
| Committee on Degree Programs, Graduate Council, Academic Senate, UCLA | 2005-2007 |
| Graduate Council, Academic Senate, UCLA | 2005-2007 |
| Chair, Board of Governors, Student Activities Center, UCLA | 2005-2007 |
| Board of Governors, Student Activities Center, UCLA | 2005-2007 |
| Board of Governors, Wooden Center, UCLA | 2005-2007 |
| Oversight Committee, Graduate Student Resource Center, UCLA | 2004-2007 |

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| Search Committee, Dean of Social Sciences, College of Letters and Science, UCLA | 2006 |
| President, Social Sciences Council, Graduate Students Association, UCLA | 2004-2005 |
| President, Graduate Student Association of Archaeology, UCLA | 2004-2005 |
| Forum Representative, Social Sciences Council, Graduate Students Association, UCLA | 2004-2005 |

Public Outreach

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| “What can we learn from an ancient pea?” video feature, The Brink, Boston University (link) | 2019 |
| “Office Artifacts” spotlight feature, BU Today, Boston University (link) | 2018 |
| Featured guest on radio show “Indiana Jones: Myth, Reality and 21st Century Archaeology” (episode link) | 2017 |
| “Charcoal tales” Tree Mob presentation, Arnold Arboretum, Boston | 2015 |
| “People and plants in Maasailand, Kenya” 2nd grade, The Wheeler School, Providence | 2012 |
| “Ecology and environment: what can we learn through archaeology?” 6th grade, UCLA Lab School | 2010 |
| “Studying environmental change through archaeology” 7th grade, The Philadelphia School | 2009 |
| “How do we learn about the past?” 4th and 5th grades, The Philadelphia School | 2009 |
| Instructor, field botany course, St. Clare’s High School, Rombo, Kenya | 1999 |

Student Advising

Graduate - Advisor

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| Alexander Dorr – Advisor, Ph.D. Anthropology, Boston University | 2020-present |
| Evan McDuff – Advisor, Ph.D. Anthropology, Boston University | 2019-present |
| Dimitri Papavasiliou – Advisor, M.A. Archaeology, Boston University | 2019-present |
| Yiyi Tang – Advisor, M.A. Archaeology, Boston University | 2019-present |
| Peter Kovacic – Advisor, Ph.D. Anthropology, Boston University | 2018-present |
| Karen Stewart – Advisor, Ph.D. Anthropology, Boston University | 2018-present |
| Jared Koller – Advisor, Ph.D. Archaeology, Boston University | 2016-present |
| Maria Codlin – Co-Advisor, Ph.D. Archaeology, Boston University | 2014-present |
| Kathleen Forste – Advisor, Ph.D. Archaeology, Boston University | 2014-present |
| Madeline Duppenhaler – Co-Advisor, M.A. Archaeology, Boston University | 2017-2019 |
| Current position: Development Associate, House of the Seven Gables | |
| Catherine Scott – Co-Advisor, Ph.D. Archaeology, Boston University | 2013-2019 |
| Current position: Writing Program Fellow, Brandeis University | |
| Aviva Cormier – Co-Advisor, Ph.D. Archaeology 2018, Boston University | 2015-2018 |
| Current position: Postdoctoral Fellow, Brown University | |
| Kristen Wroth – Advisor, Ph.D. Archaeology 2018, Boston University | 2012-2018 |
| Current position: Postdoctoral Researcher, Universität Tübingen | |
| Anna Goldfield – Advisor, Ph.D. Archaeology 2017, Boston University | 2012-2017 |
| Current position: Research Associate, University of California, Davis; host, The Dirt podcast | |
| Demetrios Brellas – Advisor, Ph.D. Archaeology 2016, Boston University | 2013-2016 |
| Current position: Lecturer, Framingham State University | |
| Erica Pitcairn – Advisor, M.A. Archaeology 2015, Boston University | 2012-2015 |
| Current position: Product Assistant, Cengage Learning | |
| Kaoru (Kay) Ueda – Co-Advisor, Ph.D. Archaeology 2015, Boston University | 2012-2015 |
| Current position: Curator, Japanese Diaspora Initiative, Hoover Institution, Stanford University | |
| Stephanie Simms – Laboratory Research Advisor, Ph.D. Archaeology 2014, Boston University | 2012-2014 |
| Current position: Research Data Specialist, University of California Digital Library | |

Graduate - Committee

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| Lou Godefroy – Committee Member, Ph.D. Mediterranean Archaeology, Vrije Universiteit Amsterdam | 2020-present |
| Melissa Hurtado – Committee Member, M.A. Archaeology, Boston University | 2020-present |
| Rachel Brody – Committee Member, Ph.D. History, Boston College | 2018-present |
| Christina Carolus - Committee Member, Ph.D. Anthropology, Yale University | 2018-present |
| Lorenzo Castellano – Committee Member, Ph.D. ISAW, New York University | 2017-present |
| Justin Holcomb – Committee Member, Ph.D. Archaeology, Boston University | 2014-2020 |
| Nami Shin – Committee Member, M.A. Archaeology 2019, Koç University | 2017-2019 |
| Natalie Susmann – Committee Member, Ph.D. Archaeology 2019, Boston University | 2015-2018 |

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| Laura Masur – Committee Member, Ph.D. Archaeology 2019, Boston University | 2015-2018 |
| Zhendong Guo – Committee Member, Ph.D. Archaeology 2017, Boston University | 2017 |
| Ilaria Patania – Committee Member, Ph.D. Archaeology 2017, Boston University | 2017 |
| David Walton – Committee Member, Ph.D. Archaeology 2017, Boston University | 2017 |
| Harris Greenberg – Committee Member, Ph.D. Archaeology 2015, Boston University | 2015 |
| Jonathan Ruane – Committee Member, Ph.D. Archaeology 2015, Boston University | 2014-2015 |
| Abigail Crawford – Committee Member, Ph.D. Archaeology 2014, Boston University | 2012-2014 |
| Diana Gallagher – Committee Member, Ph.D. Archaeology 2014, Boston University | 2013-2014 |
| Meltem (Cemre) Üstünkaya – External Examiner, Ph.D. 2014, University of Queensland, Australia | 2014 |
| Doctoral qualifying examinations supervised: 18 | 2013-present |

Undergraduate

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| Yarden Tsfoni – Senior Thesis Advisor, B.A. Archaeology 2021, Boston University | 2020-2021 |
| Emily Brown – Laboratory Research Supervisor, B.A. Biology 2019, Boston University | 2018-2019 |
| Sydney Hunter – Laboratory and Field Research Supervisor, Senior Thesis Advisor, B.A. Archaeology 2019, Boston University | 2017-2019 |
| Aarti Arora – Senior Thesis Advisor, B.A. Archaeology 2018, Boston University | 2017-2018 |
| Emily Johnson – Laboratory and Field Research Supervisor, Keystone Project Advisor, B.A. Archaeology 2017, Kilachand Honors College, Boston University | 2015-2017 |
| Mollie Yacano – Senior Thesis Committee Member, B.A. Marine Science 2017, Boston University | 2017 |
| Emily Ubik – Laboratory Research Supervisor, B.A. Archaeology 2016, Boston University | 2014-2016 |
| Kayla Pio – Field Research Mentor, B.A. Anthropology 2017, University of Michigan | 2015 |
| Nami Shin – Laboratory Research Supervisor, B.A. Archaeology 2015, Boston University | 2013-2015 |
| Adam DiBattista – Senior Thesis Advisor, B.A. 2014, Archaeology, Boston University | 2013-2014 |
| Anna Graham – Laboratory and Field Research Supervisor, B.A. Archaeology 2014, Tufts University | 2013-2014 |
| Seekay Hui – Senior Thesis Co-Advisor, B.A. Environmental Studies 2012, Brown University | 2011-2012 |
| Anne Schier – Laboratory Research Supervisor, B.A. Anthropology 2010, UCLA | 2009-2010 |
| Lisa Manirath – Laboratory Research Supervisor, B.A. Anthropology 2009, UCLA | 2009 |
| Jennifer Suberlak – Laboratory Research Supervisor, B.A. Anthropology 2009, UCLA | 2008-2009 |
| Assigned undergraduate advisees with declared majors/minors in Archaeology: 9 | 2013-present |

Professional Memberships

Archaeological Institute of America
 American Society of Overseas Research (ASOR)
 Association for Environmental Archaeology
 International Network of Research on Coupled Human and Natural Systems
 Register of Professional Archaeologists
 Society for American Archaeology
 Society of Ethnobiology

Language Proficiencies

English (native speaker)
 Turkish (basic speaking and reading knowledge)
 Modern Greek (basic speaking and reading knowledge)
 German (academic reading knowledge)
 Ancient Greek (advanced reading knowledge)
 Latin (advanced reading knowledge)

Current as of May 10, 2021