

**Emily Johnson**  
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Humanities and Social Sciences Building (HSSB) 1038  
UC Santa Barbara, Santa Barbara, CA 93106

## EDUCATION

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### **University of California, Santa Barbara**

MA/Ph.D. in Anthropology, Archaeology Specialization

*Pursuing 2019*

### **Boston University**

College of Arts and Sciences

*May 2017*

- B.A. in Archaeology, *summa cum laude*

Kilachand Honors College

*May 2017*

- Thesis: Archaeological Applications for the Identification of Nixtamalized Maize Starch Granules

## EMPLOYMENT

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### **Journal of Ethnobiology Letters**

*Aug 2017–Present*

Editorial Assistant

- Responsible for copyediting manuscripts, tables, and figures for clarity, grammar, and style
- Employ Microsoft Word, Publisher, and Adobe Suite to create proofs of manuscripts for online viewing, in HTML and PDF formats
- Communicate directly with authors and editors to facilitate the publication process and resolve queries in a timely manner

### **Biodiversity Institute, Archaeological Division**

*Aug 2017–Present*

#### **University of Kansas**

Archaeobotanical Analyst

- Analyze archival archaeobotanical collections to better understand diet and environment across time and space in prehistoric North America
- Responsible for the identification and interpretation of a variety of macrobotanical plant remains from the Midwest United States, including both seeds and wood charcoal

### **Environmental Archaeology Laboratory**

*2014–2017*

#### **Boston University**

Research Assistant

- Conducted grant-supported research involving the identification and interpretation of a variety of macrobotanical plant remains from multiple ancient sites in Turkey and Israel
- Senior thesis involved novel, experimental maize starch granule processing, analysis, and interpretation
- Managed comparative collection material and collections database including intensive use of FileMaker Pro
- Provided content for the laboratory website: [sites.bu.edu/ealab](http://sites.bu.edu/ealab)

## **EMPLOYMENT, Cont.**

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### **Zooarchaeology Laboratory Boston University**

2014–2017

Research Assistant

- Performed faunal analyses involving sorting samples by taxonomic group and skeletal element; gained familiarity with bird, mammal, and fish skeletal material
- Developed a comparative collection (cleaned and prepared skeletons, labeled specimens)
- Assisted with collections management including data entry, archival and storage best practices, and rehousing material

## **PUBLICATIONS**

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Johnson, Emily S. and John M. Marston. 2018. The Experimental Identification of Starch Spherulites Recovered from Nixtamalized Maize Residue. *Journal of Archaeological Science*. Submitted.

Johnson, Emily S. and Mary Adair. 2018. Central Plains Tradition Plant Use: A Comparison of Archaeobotanical Remains from Four Itskari Phase Sites. In preparation for *Plains Anthropologist*.

## **FIELD EXPERIENCE**

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### **Gordion Archaeological Project, Turkey**

2017–2019

Assistant Archaeobotanist

- Responsible for completing flotation of backlogged bulk soil samples from previous excavation seasons as well as performing flotation of newly excavated soil samples
- Processed backlogged and current samples for ceramic, faunal, and small finds material requiring effective communication with multiple specialists
- Provided final reports detailing the work completed throughout the season, including a preliminary assessment of the light fraction assemblage

### **Kaymakçı Archaeological Project, Turkey**

2016

Research Assistant

- Responsible for overseeing the recovery of bulk soil samples as well as processing these samples for future botanical, faunal, and material analyses
- Tasks included producing mid- and end-season reports on the progress and initial assessment of recovered botanical remains, as well as intensive use of data-management software such as Microsoft Access

### **San Bartolo-Xultun Regional Archaeological Project, Guatemala**

2016

Student Researcher

- Responsible for overseeing excavation of specific units, involved communicating ideas and directions with Guatemalan workers
- Gained experience in plan and profile archaeological drawings, artifact recovery and documentation, and excavation of architectural features

- Responsible for providing a season report summarizing the finds from the excavation units I was responsible for, provided to the Guatemalan government

## CONFERENCE PRESENTATIONS

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### **Society of Ethnobiology**

2017

- Poster Presentation: “Elite Feasting and Monumental Dedication at Early Phrygian Gordion, Central Turkey”

### **Plains Anthropological Conference**

2018

- Poster Presentation: “Central Plains Tradition Plant Use: A Comparison of Archaeobotanical Remains from Four Itskari Phase Sites”

## GRANTS & FELLOWSHIPS

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**Cota-Robles Fellowship.** UCSB, 2019–2024. Five years’ funding to support graduate education.

**Boston University Undergraduate Research Opportunity Program Travel Grant.** 2017, \$400

**Boston University Undergraduate Research Opportunity Program.** “Feasting at Gordion, Central Turkey: A Paleoethnobotanical Analysis,” 2017, \$1,650

**Boston University Undergraduate Research Opportunity Program.** “Reconstructing Agriculture and Economy at Hellenistic Ashkelon, Israel,” 2016, \$1,500

**Boston University Undergraduate Research Opportunity Program.** “Reconstructing Bronze Age Agriculture at Kaymakçı, Western Turkey,” 2016, \$4,200

**Boston University Undergraduate Research Opportunity Program Travel Grant.** 2016, \$200

## AWARDS

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- Michael A. Sassano III and Christopher M. Sassano Award for Writing Excellence in the Social Sciences. For my senior honors thesis: “Archaeological Applications for the Identification of Nixtamalized Maize Starch Granules,” 2017.
- Best Poster Award, Society of Ethnobiology, 2017.
- Golden Trowel Award, Boston University Department of Archaeology, 2017.
- Alice M. Brennan Humanities Award, Boston University Center for the Humanities, 2016.

## SKILLS

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- Identification of plant macrobotanical remains (family, genus, and species level)
- Identification of faunal remains (family, genus)
- Flotation (SMAP-, bucket-style)
- Proficient in ArcGIS, FileMaker Pro, and Microsoft Suite

- Collections and database management

## **EXTRACURRICULAR ACTIVITIES**

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Boston University Archaeology Society

Vice President 2015–2017

Member 2013–2017

## **RELEVANT COURSEWORK**

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- Archaeological Field Methods
- Archaeological Methods and Theory
- Archaeological Science
- Paleoethnobotany
- Regional ArcGIS
- Zooarchaeology