



## **CULTURAL RESOURCE MANAGEMENT REPORTS**

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- [1] **Weitzel, Elic**, Heidi Rosenwinkel, Katherine Wright, and Elin Crook (2016) *A Phase I Archaeological Survey of the Tennessee Valley Authority-West Tennessee River Basin Authority Shoreline Stabilization Pilot Project in Hardin County, Tennessee*. Prepared for the Tennessee Valley Authority, Knoxville, TN by Tennessee Valley Archaeological Research, Huntsville, AL.

## **TEACHING EXPERIENCE**

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### **Instructor**

*University of Connecticut*

ANTH 1000W – Other People’s Worlds (Spring 2018)

### **Teaching Assistant**

*University of Connecticut*

ANTH 1000 – Other People’s Worlds (Fall 2019)

ANTH 3720 – Laboratory Methods in Stable Isotope Analysis (Spring 2019; 1 credit)

ANTH 1500 – Great Discoveries in Archaeology (Spring 2019)

ANTH 1006 – Introduction to Anthropology (Fall 2016-2018, Spring 2017)

ANTH 3990 – Field Work in Archaeology (Summer 2017)

*University of Utah*

ANTH 4372 – Zooarchaeology (Spring 2016)

ANTH 1020 – Human Origins: Evolution & Diversity (Spring 2016, Fall 2015)

### **Workshop Instructor**

*3<sup>rd</sup> Annual Workshop for Archaeology Graduate Students in the Northeast (WAGS: NE)*

Basic Statistics for Archaeologists (90-min workshop) (April 27, 2019)

## **FIELDWORK**

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- 2018-2019 **Team Member**, Regional Archaeology in the Peja and Istog Districts of Kosova  
*Directors: Michael Galaty and Haxhi Mehmetaj; Location: Kosovo*
- 2017 **Teaching Assistant**, UConn Battlefield Archaeology Field School  
*Director: Kevin McBride; Location: CT, RI, MA*
- 2016 **Crew Chief**, Tennessee Valley Archaeological Research (TVAR)  
*PI: Hunter Johnson; Location: AL*
- 2014, 2016 **Field Mapping Supervisor**, Tennessee Valley Archaeological Research (TVAR)  
*PIs: Hunter Johnson, Keith Little, Scott Meeks; Location: GA, MS*
- 2015 **Student**, Eagle Lake Field School in Zooarchaeology and Field Ecology  
*Directors: Jack Broughton, Frank Bayham, and Jay Boggiato; Location: CA*
- 2012-2013 **Field Technician**, Tennessee Valley Archaeological Research (TVAR)  
*PIs: Hunter Johnson, Keith Little, Scott Meeks; Location: AL, MS, TN, GA*

2011 *Student*, Sewanee Environmental Institute's Field School in Archaeology  
*Directors: Sarah Sherwood and Nick Herrmann; Location: TN*

## **PROFESSIONAL CONFERENCE ACTIVITY**

### **Organized Symposia**

*Fifty Years of Fretwell and Lucas: Archaeological Applications of Ideal Distribution Models*. 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM; April 10-14, 2019; co-organized with Brian Coddling.

*Foraging Theory, Zooarchaeology, and Archaeobotany*. 39<sup>th</sup> Annual Meeting of the Society of Ethnobiology; Tucson, AZ; March 16-19, 2016; co-organized with Steve Wolverton.

### **Conference Presentations**

- [14] **Weitzel, Elic M.**, Brian F. Coddling, Stephen B. Carmody, and David W. Zeanah (2019) *Crop Management and Domestication in Eastern North America Inspired Both Cooperative Niche Construction and Territorial Competition*. Paper presented at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM; April 10-14.
- [13] Broughton, Jack and **Elic M. Weitzel** (2019) *Population Reconstructions for Humans and Megafauna Suggest Mixed Causes for North American Pleistocene Extinctions*. Paper presented at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM; April 10-14.
- [12] Munro, Natalie D., Nigel Goring Morris, and **Elic M. Weitzel** (2019) *The Ideal Free Distribution, Population Packing, and the Forager to Producer Transition in the southern Levant*. Paper presented at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM; April 10-14.
- [11] Lebenzon, Roxanne, **Elic M. Weitzel**, Isaac Hart, and Brian F. Coddling (2019) *Climatic Controls on Prehistoric Utah Populations*. Poster presented at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM; April 10-14.
- [10] **Weitzel, Elic M.**, Brian F. Coddling, Stephen B. Carmody, and David W. Zeanah (2018) *Population Clustering in High-Quality Habitats Parallels Crop Management and Domestication in Eastern North America*. Paper presented at the 75<sup>th</sup> Annual Meeting of the Southeastern Archaeology Conference, Augusta, GA; November 14-17.
- [9] **Weitzel, Elic M.**, Brian F. Coddling, Stephen B. Carmody, and David W. Zeanah (2018) *Site Clustering Parallels Initial Domestication in Eastern North America*. Paper presented at the 83<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Washington, D.C.; April 11-15.
- [8] Friedl, Alexandra J., **Elic M. Weitzel**, Sierra M. Bow, Stephen B. Carmody, and Sarah C. Sherwood (2017) *Life Histories at Two Upland Rockshelters on the Southern Cumberland Plateau*. Paper presented at the 74<sup>th</sup> Annual Meeting of the Southeastern Archaeology Conference; Tulsa, OK; Nov. 8-11.

- [7] Broughton, Jack M. and **Elic M. Weitzel** (2017) *North American Pleistocene megafauna and human populations grew together before Younger Dryas declines and extinctions*. Paper presented at the 13<sup>th</sup> Annual Stanley J. Olsen Memorial Eagle Lake Zooarchaeology Conference; Eagle Lake, CA; July 8-9.
- [6] **Weitzel, Elic M.** and Daniel Plekhov (2017) *Contact-Period Settlement Changes in Eastern North America: A Test of the Ideal Free and Ideal Despotic Distribution Models*. Poster presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology; Vancouver, BC; March 29 – April 2.
- [5] **Weitzel, Elic M.**, Brian F. Coddling, David W. Zeanah, and Stephen B. Carmody (2016) *Population Packing Prior to Initial Domestication in Eastern North America*. Poster presented at the 73<sup>rd</sup> Annual Meeting of the Southeastern Archaeology Conference; Athens, GA; Oct. 26-29.
- [4] **Weitzel, Elic M.** (2016) *Holocene changes in wetland and upland patch foraging efficiency in the Central Tennessee River Valley*. Paper presented at the 39<sup>th</sup> Annual of the Society of Ethnobiology; Tucson, AZ; March 16-19.
- [3] **Weitzel, Elic M.** (2015) *Changes in Patch Choice from the Terminal Pleistocene through the Middle Holocene at Dust Cave, Alabama: A Test of the “Staging Area” Model of Southeastern Colonization*. Paper presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeology Conference; Nashville, TN; Nov. 18-21.
- [2] **Weitzel, Elic M.** (2015) *Low Foraging Efficiency and Lowland Patch Use at the Pleistocene/Holocene Transition: Faunal and Botanical Evidence from Dust Cave, Alabama*. Paper presented at the 11<sup>th</sup> Annual Stanley J. Olsen Memorial Eagle Lake Zooarchaeology Conference; Eagle Lake, CA; July 11-12.
- [1] **Weitzel, Elic M.** (2015) *Climate and Diet Breadth Changes from the Terminal Pleistocene through the Middle Holocene: Faunal Evidence from Dust Cave, AL*. Poster presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology; San Francisco, CA; April 15-18.

#### **AWARDS AND FUNDING**

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University of Connecticut Department of Anthropology 2019 Graduate Student Paper Competition; 1<sup>st</sup> Place. Award amount: \$1000.

University of Connecticut Department of Anthropology Summer Research Fellowship (SRF). Project title: *Archaeological Demography in Western Kosova*. Award amount: \$2000.

Society for American Archaeology (SAA) Student Poster Award (2017), with Daniel Plekhov. Poster title: *Contact-Period Settlement Changes in Eastern North America: A Test of the Ideal Free and Ideal Despotic Distribution Models*. Award amount: \$250.

#### **INVITED LECTURES, PROFESSIONAL SERVICE, AND PUBLIC OUTREACH**

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##### ***Invited Lectures***

*The socioecological context of plant domestication in eastern North America*. Lecture delivered to the Department of Plant Science and Landscape Architecture, University of Connecticut (Sept. 6, 2019)

*The origins of domestication in eastern North America.* Lecture delivered to the University of Connecticut's Battlefield Archaeology Field School (June 26, 2019)

### **Professional Service**

Member of the Society for American Archaeology's Media Relations Committee (2019-2022)

Guest co-editor with Brian Coddling of a special issue of *Environmental Archaeology*, titled "Ecological Dynamics of Settlement Decisions: Recent Advances in the Archaeological Application of Ideal Distribution Models" (forthcoming, 2019)

Co-organizer of the 3<sup>rd</sup> Annual Workshop for Archaeology Graduate Students in the Northeast (WAGS: Northeast) at the University of Connecticut (April 27, 2019)

Executive board member of the University of Connecticut's Anthropology Scholar's Initiative (ASI), a departmental organization focused on professional development for anthropology students in all sub-disciplines (2016-2018)

Member of the Dickinson College Archaeology Major's Committee (2011-2014)

### **Public Outreach**

Delivered a public talk titled "Feast or Famine: The Origins of Domestication in Eastern North America" at the Connecticut State Archaeology Fair (Oct. 15, 2016).

Assisted a local high school anthropology teacher in the planning and execution of an outdoor archaeological excavation simulator and helped instruct the students, grades 10-12, in excavation methods (2011-2012).

### **MEMBERSHIPS**

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Society for American Archaeology	Eastern States Archaeological Federation
Southeastern Archaeology Conference	Archaeological Institute of America
Society of Ethnobiology	Phi Beta Kappa Honor Society

### **SKILLS AND ADDITIONAL TRAINING**

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#### **Technical Skills**

*Computing:* R, ArcGIS, QGIS, Microsoft Office, Inkscape

*Technological:* Total Stations (Trimble, Topcon, Leica, CST/Berger, Nikon); GPS (handheld, survey-grade, and base-and-rover)

*Laboratory:* vertebrate faunal analysis, collagen sample preparation for isotopic analysis

#### **Emergency Medical Training**

*Wilderness First Responder*, NOLS Wilderness Medicine (2018-present)

Completed 80 hours of training in specialized first aid procedures for patients in the backcountry far from definitive medical care. Includes certifications in *CPR*, *AED* & *Airway Management* and *Epinephrine Auto-Injector*.

*Wilderness First Aid*, NOLS Wilderness Medicine Institute (2014-2016)

Completed 16 hours of training in basic first aid procedures for patients in outdoor and wilderness settings.

**SELECT MEDIA ATTENTION**

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UConn Today – Snapshot: Elic Weitzel in Kosovo

[https://today.uconn.edu/?p=151341&preview=1&\\_ppp=4a42fe67ad](https://today.uconn.edu/?p=151341&preview=1&_ppp=4a42fe67ad)

UConn Today - Food for Thought: Why Did We Ever Start Farming?

<https://today.uconn.edu/2019/04/boredom-need-lead-us-farming-paper-april/>

Utah Public Radio - Feast or Famine: Why Did Hunter-Gatherers Start Farming Anyway?

<http://upr.org/post/feast-or-famine-why-did-hunter-gatherers-start-farming-anyway>

University of Utah UNews – Population Boom Preceded Early Farming

<https://unews.utah.edu/population-boom-preceded-early-farming/>

The Independent - Quinoa Helped Ancient Hunter-Gatherers Avoid Starvation and Build a New Civilization

<http://www.independent.co.uk/news/science/quinoa-hunter-gatherers-farming-agriculture-starvation-civilisation-a7168296.html>

IFL Science - North American Population Boom Preceded Agriculture

<http://www.iflscience.com/plants-and-animals/north-american-population-boom-preceded-agriculture/>

Archaeology Magazine - Study Suggests Population Growth Spurred Plant Domestication

<http://www.archaeology.org/news/4700-160803-population-plant-domestication>

Pacific Standard - Why Did We Start Farming?

<https://psmag.com/news/why-did-we-start-farming>