



cultural resource analysts, inc

Visit us online at www.crai-ky.com

Ariel Taivalkoski, PhD.		Laboratory Director - Louisiana Office	
Availability: Immediate	Specific Duties:	Education and Training:	
Email: aetaivalkoski@crai-ky.com	<ul style="list-style-type: none"> • Conduct Artifact Analysis • Report Preparation • Curation of Collections • Supervise laboratory work 	<ul style="list-style-type: none"> • Ph.D., Anthropology, University at Buffalo, Buffalo, NY (2020) • M.A., Anthropology, University at Buffalo, Buffalo, NY (2015) • B.A., Anthropology, University of Michigan, Ann Arbor, MI (2012) 	
Experience Summary Information			
Archaeological Laboratory Director	Field Supervisor	Field Technician	
Cultural Resource Analysts, Inc. May 2023 – Present	Pan-American Consultants/Commonwealth Heritage Group 2020-2022 Center for American Archaeology Education Programs 2013	University at Buffalo Archaeological Survey 2015-2019	
<p>Ariel Taivalkoski serves as Laboratory Director in CRA's Louisiana office. She has 14 years of experience in archaeology in both field and laboratory based projects. She has primarily worked in Alaska, Illinois, and New York. She has also participated in several archaeological excavations and laboratory projects in Italy, Northern Ireland, and Romania. Ariel is responsible for planning and coordinating laboratory processing and analyses, coordinating with curatorial repositories, preparing collections for final disposition of artifacts and project records, and contributing to technical reports.</p> <p>Experience and Expertise</p> <ul style="list-style-type: none"> • Prehistoric Archaeology • Classical Archaeology • Faunal Analysis • Human Remains Analysis • Ethnoarchaeology <p>Laboratory Experience</p> <ul style="list-style-type: none"> • <i>Avifaunal Analyst</i>, Unalaska Sea Ice Project, Boston University, Boston, MA, January- April 2022 • <i>Curator</i>, Marion E. White Anthropology Research Museum, University at Buffalo, Buffalo, NY, 2019-2020 • <i>Lab Manager</i>, Zooarchaeology Laboratory, University at Buffalo, Buffalo, NY 2017-2018 • <i>Research Assistant</i>, Rat Islands Research Lab, University at Buffalo, Buffalo, NY 2013-2014 • <i>Human Remains Analyst</i>, Illinois State Archaeological Survey, Collinsville, IL, January-May 2013 			

- *Ceramics Analyst*, Illinois State Archaeological Survey, Collinsville, IL, October 2012-January 2013
- *Research Assistant*, Pompeii Archaeological Research Project: Porta Stabia Environmental Team, University at Michigan, Ann Arbor, MI 2008-2012

Archaeological Field Experience Highlights

- *Field Supervisor, Phase III Survey, OPRHP West Shore Trail, Grand Island, NY August 2021*
- *Field Supervisor, Phase IAB Survey, GPI Towne Auto Genesee Street, Buffalo, NY August 2021*
- *Field Assistant, Aleut Monumentality Project, Rat Islands, AK May-June 2019*
- *Field Technician, Phase I-III Survey, STAMP, Alabama, NY 2015-2018*
- *Field Technician, Phase III Excavation, East St. Louis Bridge St., East St. Louis, MO May-October 2012*
- *Field Assistant, Progetto Pran'E Siddi, June 2009, June-July 2010*

Publications and Presentations

C. Funk, A. Taivalkoski and B. Hornbeck

2023 Dimensions of Complexity in the Rat Islands, Alaska in *Archaeology of Fisher-Hunter-Gatherer Complexity in North America* edited by Christina Perry Sampson. University Press of Florida.

A. Taivalkoski and E. Holt

2021 Using Scanning Electron Microscopy to Identify Bird Eggshell from the Pompeii Archaeological Research Project: Porta Stabia. *Journal of Archaeological Science: Reports*.

A. Taivalkoski, C. Funk, C. West, and M. Etnier

2021 Instances of Avian Osteoarthritis from the Unalaska Sea Ice Project, Unalaska Island, Alaska. *International Journal of Paleopathology*.

A. Taivalkoski

2020 Duck Tales: Modelling Seabird Use in the Rat Islands. Paper presented at Alaska Anthropological Association Annual meeting April 26-29.

C. Funk and A. Taivalkoski

2018 Archaeological avifauna demonstrate 4,000 years of human-marine environment interaction and impact in the eastern Aleutian Islands, North Pacific Ocean. Paper presented at Paleocology of Subarctic and Arctic Seas (PESAS) session for the 2018 Ocean's Past Initiative (OPI) meeting. Bremerhaven, Germany. October 22-26.

A. Taivalkoski

2018 Technological Choice and Human-animal relationships: A Bird's Eye View from the Rat Islands, Alaska. Paper presented at the 83rd Annual Meeting of the Society for American Archaeology. Washington, D.C. April 11-15.

A. Taivalkoski, C. Funk, D. Corbett, and B. Hoffman

2016 Avian Skeletal Part Representation at KIS-050. Paper presented at the 81st Annual Meeting of the Society for American Archaeology. Orlando, FL. April 6-10.

A. Taivalkoski and E. Holt

2016 The Effects of Cooking on Avian Eggshell Microstructure. *Journal of Archaeological Science: Reports*.

C. Funk, E. Holt, A. Taivalkoski, J. Howard, and D. Poltorak

2016 Avifauna Discard Packages and Bone Damage Resulting from Human Consumption Practices. *Journal of Archaeological Science: Reports*.

C. Colaninno, A. Taivalkoski, K. Leslie, S. Hart and A. Shepherd

2013 Recent Excavations at the Buried Gardens of Kampsville: A Middle Woodland Habitation Site in the Lower Illinois River Valley. Poster presented at the Midwestern Archaeological Conference.