

Justin N. Carlson, Ph.D.

justinnelscarlson@gmail.com

Education

2019	Ph.D. Anthropology University of Kentucky, Lexington, KY
2015	M.A. Anthropology University of Kentucky, Lexington, KY
2011	B.S. Anthropology B.A. History Minor: Archaeology College of Charleston, Charleston, SC

Current Position

2024-present	Lecturer and Research Associate, Department of Anthropology California State Polytechnic University, Humboldt
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Professional Appointments

2024-2026	Co-Director, Cultural Resources Facility, Cal Poly Humboldt
2023-2024	Senior Research Associate, Cultural Resources Facility, Cal Poly Humboldt
2019-2023	Project Director, Kentucky Archaeological Survey, Department of Folk Studies and Anthropology, Western Kentucky University
2015-2019	Project Archaeologist, Archaeology Laboratory, University of Kentucky
2017	Primary Instructor, Department of Anthropology, University of Kentucky
2013-2015	Research Assistant, Kentucky Archaeological Survey, University of Kentucky
2012-2013	Teaching Assistant, Department of Anthropology, University of Kentucky
2011-2012	Research Assistant, William S. Webb Museum, University of Kentucky

Grants, Contracts and Awards

2026	Principal Investigator: Archaeology Surveys, Sierra Vista South, Bass Lake Ranger District, Sierra National Forest, CA, National Forest Foundation, \$21,091
2026	Cal Poly Humboldt-Emeritus, Retired Faculty and Staff Association Grant Award Geoarchaeology at Gradishte Crnobuki, North Macedonia, \$1000
2025	Principal Investigator: Archaeology Surveys, North Fork, Mt. Hough Ranger District, Plumas National Forest, CA, Sierra Institute for Community and Environment, \$175,000
2025	Principal Investigator: Archaeology Surveys, Leonard Lake Reserve, CA, Mendocino County Resource Conservation District, \$75,000
2024	Principal Investigator: Archaeology Oversight, Teakettle Prescribed Burn Project, High Sierra Ranger District, Sierra National Forest, CA, Climate and Wildfire

	Institute, \$21,739.
2021	Dissertation Prize, Midwest Archaeological Conference and University of Notre Dame Press, \$500
2017	Douglas C. Kellogg Fellowship Award for Geoarchaeological Research Society for American Archaeology \$500
2016	Felburn Foundation Grant for dissertation excavations and analyses \$10,000
2016	National Science Foundation Graduate Student Supplemental Research Grant For courses in archaeological micromorphology, Institut für Naturwissenschaftliche Archäologie University of Tübingen, Germany \$8,568
2015	Phillip M. Smith Graduate Student Research Grant for Cave and Karst Research, Cave Research Foundation \$2,500
2015	Kentucky Organization of Professional Archaeologists Research Grant \$500
2013	Susan Abbott Jamieson Pre-Dissertation Research Fund Award University of Kentucky Department of Anthropology \$300
2012	Nick Crawford Karst Education Scholarship Western Kentucky University Center for Cave and Karst Studies for cave archaeology course at Mammoth Cave National Park, Kentucky \$250
2010	Archaeology Program Fellowship, College of Charleston For archaeological field work at El Purgatorio, Casma, Peru
2010	Jon Morter Fellowship for Archaeological Research, College of Charleston For archaeological field work at El Purgatorio, Casma, Peru
2009	Thomas Jefferson Foundation Scholarship, Monticello Department of Archaeology for archaeological field school at Monticello, Charlottesville, Virginia

Academic Honors and Fellowships

2018	Legacy Fund Dissertation Writing Fellowship, University of Kentucky
2018	Anthropology Excellence Dissertation Fellowship, University of Kentucky
2011	Outstanding Anthropology Student, College of Charleston
2011	Lambda Alpha Anthropology Honors Society, College of Charleston

Scholarships

2007-2011	Presidential Community Enhancement Grant, College of Charleston
2007-2011	Watson-Brown Foundation Scholarship, Watson-Brown Foundation
2009-2010	Puddin' Hill Award, Polk County Community Foundation
2007-2010	Former Agents of the FBI Foundation Scholarship
2008-2009	John A. Albertson Education Award, Polk County Community Foundation
2007-2008	Kirby Endowment Scholarship for First Year Students, Polk County Community Foundation
2007	Athletic Alumni Scholarship, Polk County High School

Conference Travel Funding

2026	Society for American Archaeology Conference, San Francisco, CA, College of Arts, Humanities and Social Sciences Professional Development Fund Cal Poly Humboldt
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- 2025 Society for California Archaeology Conference, Burlingame, CA, College of Arts, Humanities and Social Sciences Professional Development Fund Cal Poly Humboldt
- 2018 Southeastern Archaeological Conference, Augusta, GA, University of Kentucky
- 2017 Frontiers in Archaeological Sciences Conference, Rutgers University
- 2017 Society for American Archaeology, Vancouver, Canada, University of Kentucky
- 2016 Society for American Archaeology Meeting Orlando, Florida, University of Kentucky
- 2015 Society for American Archaeology, San Francisco, California, University of Kentucky

Teaching

- Summer 2026 Cal Poly Humboldt Archaeology Field School, North Macedonia (Cal Poly Humboldt ANTH 359/485)
- Fall 2025 Field Archaeology (Cal Poly Humboldt ANTH 357)
- Spring 2025 Professional Publication and Presentation (Cal Poly Humboldt Anth 680)
- Fall 2024 Environmental Archaeology (Cal Poly Humboldt ANTH 359)
- Spring 2024 Field Archaeology (Cal Poly Humboldt ANTH 357)
- Summer 2021 Field Instructor: WKU Archaeology Field School (Western Kentucky University ANTH 432)
- Fall 2017 Primary Instructor: Cultural Diversity in the Modern World (University of Kentucky ANT 160)
- Summer 2015 Teaching Assistant and Field Instructor: UK Archaeology Field School (University of Kentucky ANT 583)
- Summer 2013 Teaching Assistant and Field Instructor: UK Archaeology Field School (University of Kentucky ANT 583)
- Spring 2013 Teaching Assistant: Archaeology-Myths and Controversies (University of Kentucky ANT 102)
- Fall 2012 Teaching Assistant: Origins of New World Civilizations (University of Kentucky ANT 242)
- Spring 2010 Teaching Assistant: Archaeology (College of Charleston ANTH 202)

Exhibits

- 2022- **First Farmers of the Barren River Valley**, co-curator with David Pollack and A.
- 2025 Gwynn Henderson, a collaboration of the Kentucky Archaeological Survey and the Kentucky Museum at WKU. Funded by the Kentucky Transportation Cabinet.

Edited Book Volumes

- Pollack, David, Anne Tobbe Bader, and **Justin N. Carlson**
- 2021 *Falls of the Ohio River: Archaeology of Native American Settlement*. University Press of Florida, Gainesville.

Peer-Reviewed Articles

- Carlson, Justin N.** and Anne Tobbe Bader
- 2025 Socio-environmental dynamics and persistent places in the Green River and Falls of the

Ohio River regions during the middle Holocene, *Southeastern Archaeology*, 44(3-4):132-141.

Carlson, Justin N.

2017 Assessing Human Activities, Sediment Deposition, and Pedogenesis at Crumps Cave Vestibule and Sink, Warren County, Kentucky, *Cave Research Foundation Annual Report 2014-15*: 97-99.

Douglas, Joseph C., Alan Cressler, George Crothers, Marion O. Smith, Kristen Bobo, and **Justin N. Carlson**

2016 Recent Investigations at 15Ed23: Historic and Cultural Resources in a Disturbed Cave Environment, *Mammoth Cave Research Symposia*, 11th Research Symposium.

Visonà, Paolo, George M. Crothers, **Justin N. Carlson**, Donald Handshoe, Silvana Lora, P. Allegra Rasia and Luanao Toniolo

2014 A Forgotten Roman Settlement in the Veneto. University of Kentucky Geoarchaeological Investigations at Tezze di Arzignano (Vicenza, Italy) in 2012. *The Journal of Fasti Online*, Associazione Internazionale di Archeologia Classica.

Book Chapters

Carlson, Justin N., Greg J. Maggard, Gary E. Stinchcomb and Claiborne Daniel Sea

2021 Middle Archaic Lifeways and the Holocene Climatic Optimum in the Falls Region. In *Falls of the Ohio River: Archaeology of Native American Settlement*, edited by David Pollack, Anne Tobbe Bader and Justin N. Carlson. University Press of Florida, Gainesville.

Bader, Anne Tobbe, David Pollack and **Justin N. Carlson**

2021 Introduction. In *Falls of the Ohio River: Archaeology of Native American Settlement*, edited by David Pollack, Anne Tobbe Bader, and Justin N. Carlson. University Press of Florida, Gainesville.

Pollack, David, Anne Tobbe Bader, **Justin N. Carlson** and Richard W. Jefferies

2021 The Falls: A Changing Cultural Landscape. In *Falls of the Ohio River: Archaeology of Native American Settlement*, edited by David Pollack, Anne Tobbe Bader and Justin N. Carlson. University Press of Florida, Gainesville.

Research Reports

Pollack, David, **Justin N. Carlson**, Heather Byerly, and Deborah Parrish

2021 *Archaic and Mississippian Occupations at the Holt Site (15Wa13)*, Warren County, Kentucky, Kentucky Archaeological Survey, Research Report No. 20. Western Kentucky University, Bowling Green.

Carlson, Justin N., and David Pollack

2019 *Native American Utilization of Caves and Rockshelters in the Floyds Fork Drainage of Jefferson And Bullitt Counties*, Kentucky Archaeological Survey, Research Report No. 16. Western Kentucky University, Bowling Green.

Carlson, Justin N., and David Pollack

2018 *Eight Thousand Years of History: Archaeological Investigation of the Renox Site (15Cu110)*, Cumberland County, Kentucky. Kentucky Archaeological Survey, Research Report No. 19. University of Kentucky, Lexington.

Pollack, David, and **Justin N. Carlson**

- 2018 *Archaeological Investigation of the Late Middle Archaic Judd Site (15Cu111), Cumberland County, Kentucky*, Kentucky Archaeological Survey, Research Report No. 18. University of Kentucky, Lexington.

Technical Reports

Carlson, Justin N.

- 2026 *Phase II Testing of CA-HUM-182 in Advance of Stairway Improvements at Mal Coombs Park, Shelter Cove, Humboldt County, California*. Cultural Resources Facility, Cal Poly Humboldt, Arcata.

Carlson, Justin N. and Vivian Berry

- 2026 *A Cultural Resources Inventory Report for the Skunk Cabbage and Harding Mill Project Area for the Redwood Rising Forest Ecosystem Restoration Project, Redwood National and State Parks, Humboldt County, California*. Cultural Resources Facility, Cal Poly Humboldt, Arcata.

Lanthier, Cydney, Justin N. Carlson and Kelly Hollreiser

- 2024 *A Cultural Resources Investigation South Fork Sacramento West Phase II, Hazardous Vegetation Management and Fuels Treatment Project Interim Report, Shasta Trinity National Forest, Siskiyou County, California*. Cultural Resources Facility, Cal Poly Humboldt, Arcata.

Carlson, Justin N., Cydney Lanthier, Ashley Snook, Daniel Busch, Curtis Rogers, Kelly Hollreiser, Maghan Maberry, Nicholas Mavrolas, and Jessica Bedell

- 2024 *A Cultural Resources Inventory Report for the Sierra Institute Wildland Urban Interface Area of the West Lassen Headwaters Landscape Restoration Project R2023050651007, Lassen National Forest, Almanor Ranger District; Tehama, Plumas, and Shasta Counties, California*. Cultural Resources Facility, Cal Poly Humboldt, Arcata.

Byerly, Heather, Deborah Parrish, David Pollack, A. Gwynn Henderson, Jack Rossen, and Justin N. Carlson

- 2024 *Archaeological Investigation (5 Acres) of the Wan's Floodplain Site (15Bt45), Butler County, Kentucky*. Kentucky Archaeological Survey Report No. 343, Western Kentucky University, Bowling Green.

Bruner, David, Rianna Bowen, Daniel Busch, Nick Angeloff and Justin N. Carlson

- 2023 *A Cultural Resources Investigation South Fork Sacramento West Phase I, 2022 and 2023, Shasta-Trinity National Forest, Siskiyou County, California*. Cultural Resources Facility, Cal Poly Humboldt, Arcata.

Carlson, Justin N., Heather Byerly, Deborah Parrish, M. Jay Stottman, A. Gwynn Henderson, Eric J. Schlarb, Lillian Bradford, Heather Pursley and David Pollack

- 2023 *Archaeological Assessment of Sheltowee Trace and Rough Trail, Red River Gorge Geological Area, Menifee, Powell and Wolfe Counties, Kentucky*. Kentucky Archaeological Survey Report No. 332, Western Kentucky University, Bowling Green.

Carlson, Justin N., Deborah Parrish, Heather Byerly, and M. Jay Stottman

- 2023 *Archaeological Assessment of Bowens Creek Green Tree and Timber Salvage Sale, Laurel Fork Timber Sale, and Sawdust Pile Timber Sale in the Redbird Ranger District, Daniel Boone National Forest, Leslie County, Kentucky*. Kentucky Archaeological Survey Report No. 331, Western Kentucky University, Bowling Green.

Byerly, Heather, Deborah Parrish, M. Jay Stottman, Justin N. Carlson and Eric Schlarb

- 2023 *Archaeological Investigations of the Mammoth Cave Campground Project Area in Mammoth Cave National Park, Kentucky, Year 2.* Kentucky Archaeological Survey Report No. 330, Western Kentucky University, Bowling Green.
- Carlson, Justin N.,** Heather Byerly, Deborah Parrish, G. B. Priest and Eric Schlarb
- 2022 *Phase I Archaeological Survey of the Ivy Creek Stream Restoration Area in Warren County, Kentucky.* Kentucky Archaeological Survey Report No. 325, Western Kentucky University, Bowling Green.
- Carlson, Justin N.,** M. Jay Stottman, Heather Byerly, Deborah Parrish, and Eric Schlarb
- 2022 *Archaeological Investigations of Five Project Areas in Mammoth Cave National Park, Kentucky, Year 1.* Kentucky Archaeological Survey Report No. 323, Western Kentucky University, Bowling Green.
- Priest, G. B., **Justin N. Carlson,** Deborah Parrish, M. Jay Stottman, and Heather Byerly
- 2022 *Cultural Resources Survey of Koomer Ridge Campground, Koomer Ridge Trail #220, Silvermine Arch Trail #225, and Hidden Arch Trail #208, Cumberland District, Daniel Boone National Forest, Wolfe County, Kentucky.* Kentucky Archaeological Survey Report No. 320, Western Kentucky University, Bowling Green.
- Carlson, Justin N.** and Deborah Parrish
- 2021 *Phase I Archaeological Survey in Advance of 33 Miles of Fiberoptic Cable, Southwestern McCracken County, Kentucky.* Kentucky Archaeological Survey Report No. 314, Western Kentucky University, Bowling Green.
- Carlson, Justin N.,** Deborah Parrish, Anthony Arcane, and Eric J. Schlarb
- 2021 *Archaeological Assessment of the White Pine Forest Restoration Project Area, London Ranger District, Daniel Boone National Forest, Laurel County, Kentucky.* Kentucky Archaeological Survey Report No. 313.
- Carlson, Justin N.,** Natalia Meekins, Deborah Parrish, Eric Schlarb, and Anthony Arcane
- 2021 *Archaeological Investigation of SPEDA Lots 1 and 2, Pulaski County, Kentucky.* Kentucky Archaeological Survey Report No. 312, Western Kentucky University, Bowling Green.
- Carlson, Justin N.**
- 2021 *Phase I Archaeological Assessment of Alternative Water Plant Location in Ulvah, Letcher County, Kentucky.* Kentucky Archaeological Survey Report No. 311, Western Kentucky University, Bowling Green.
- Carlson, Justin N.,** Deborah Parrish, Eric J. Schlarb, and Anthony Arcane
- 2021 *Phase II Testing of the Hemlock Saddle Site (15LS125), Redbird Ranger District, Daniel Boone National Forest, Leslie County, Kentucky.* Kentucky Archaeological Survey Report No. 308, Western Kentucky University, Bowling Green.
- Carlson, Justin N.,** Deborah Parrish, Heather Byerly and Joshua Keown
- 2020 *Archaeological Investigation of Riverwalk Park, Bowling Green, Warren County.* Kentucky Archaeological Survey Report No. 305, Western Kentucky University, Bowling Green.
- Carlson, Justin N.** and Joshua Keown
- 2020 *A Phase I Archaeological Survey for Proposed RV Park, Woodbury, Butler County, Kentucky.* Kentucky Archaeological Survey Report No. 304, Western Kentucky University, Bowling Green.
- Carlson, Justin N.** and Claiborne Daniel Sea

- 2019 Chipped and Ground Stone. In *Native American Utilization of Caves and Rockshelters in the Floyds Fork Drainage of Jefferson And Bullitt Counties*, Kentucky Archaeological Survey, Research Report No. 16.
- Schlarb, Eric J., Katharine Alexander, M. Jay Stottman, **Justin N. Carlson** and Ashley Whitten
 2019 *An Archaeological Assessment of The Pine Creek Forest Restoration Project, London Ranger District, Daniel Boone National Forest, Laurel and Pulaski Counties, Kentucky*. UK-PAR PROJECT No. 19-13. Technical Report No. 876.
- Schlarb, Eric, M. Jay Stottman, Leah Tepe, Alex Duncan, Katharine Alexander, Ashley Whitten and **Justin N. Carlson**
 2018 *An Archaeological Assessment of the Redbird Crest Trail, Redbird Ranger District, Daniel Boone National Forest, Clay and Leslie Counties, Kentucky*. UK PAR Project No. 18-19. Technical Report No. 870.
- Carlson, Justin N.** and Claiborne Daniel Sea
 2018 Chipped Stone. In *Archaeological Investigation of the Late Middle Archaic Judd Site (15Cu111), Cumberland County, Kentucky*, by David Pollack and Justin N. Carlson. Kentucky Archaeological Survey, Research Report No. 18. University of Kentucky, Lexington.
- Carlson, Justin N.**
 2016 *An Archaeological Assessment of Two Areas within the Active Heroes Organization Property, Bullitt County, Kentucky*. Kentucky Archaeological Survey Report No. 282.
- Carlson, Justin N.**, Jonas Yates and Bruce Manzano
 2014 *Phase I Archaeological Survey of the Big Rock Stream Restoration Tract Mason County, Kentucky*. UK-PAR Project No. 14-7. Technical Report No. 749.
- Carlson, Justin N.**, Jonas Yates and Claiborne Daniel Sea
 2014 *Phase I Archaeological Survey of a Proposed Construction/Demolition Debris Landfill in Boyd County, Kentucky*. UK-PAR Project No. 14-11.

Conference Presentations

- Carlson, Justin N.**, Ordance Petrov, and Nick Angeloff
 2026 *Markova Kula: A Hellenistic Fortress from Demir Kapija*. European Archaeological Association, Athens, Greece.
- Carlson, Justin N.**, Ordance Petrov, and Nick Angeloff
 2026 *Markova Kula: A Hellenistic Fortress from Demir Kapija*. Society for American Archaeology Conference, San Francisco, California.
- Petrov, Ordance, **Justin N. Carlson**, and Nick Angeloff
 2026 *Markova Kula: A Hellenistic Fortress from Demir Kapija*. Archaeological Institute of America Meeting, San Francisco, California.
- Carlson, Justin N.** and Ordance Petrov
 2025 *Markova Kula: A Hellenistic Fortress from Demir Kapija*. First International Symposium on Theoretical Mediterranean Archaeology, Ohrid, North Macedonia.
- Moore, Steven, **Justin N. Carlson**, and Maddie McNerthney
 2025 *Interpreting Land-Use Patterns Using Preliminary Data from Archaeological Surveys in the West Lassen Headwaters Project Area, Lassen National Forest*. Society for California Archaeology Conference, Burlingame, California.
- Carlson, Justin N.**, Ashley Snook, Justin Brown, Dylan Wicker, and Landin Hatcher

- 2024 *Preliminary Results from Archaeological Surveys Associated with Fuel Management Initiatives in Shasta-Trinity National Forest and Lassen National Forest*. Society for California Archaeology Conference, Riverside, California.
- Carlson, Justin N.** and Anne Tobbe Bader
- 2023 *Middle Holocene Social and Ecological Dynamics in the Green River and Falls of the Ohio River Valleys*. Southeastern Archaeological Conference, Chattanooga, Tennessee.
- Carlson, Justin N.**, David Pollack, David Breetzke, Deborah Parrish and Heather Byerly
- 2023 *Middle Archaic Mobility and Resource Utilization in the Cumberland Plateau of Southeastern Kentucky*. Society for American Archaeology Conference, Portland, Oregon.
- Carlson, Justin N.**, David Pollack, David Breetzke, Deborah Parrish and Heather Byerly
- 2023 *Middle Archaic Mobility and Resource Utilization in the Redbird District of Daniel Boone National Forest*. Kentucky Heritage Council Conference, Carter Caves and Frankfort, Kentucky.
- Carlson, Justin N.**
- 2020 *Middle to Late Holocene Soil Geomorphological History at Crumps Cave and Sink and Potential Implications for Soil Conservation in Karst Terrains Today*, Conservation of Fragile Karst Resources: A Workshop on Sustainability and Community in support of UNESCO science programs, Western Kentucky University, Bowling Green, Kentucky.
- Crothers, George, **Justin N. Carlson**, Karen Stevens, Alexander Metz and Katharine Alexander
- 2020 *Beyond the Big Bend: Julie Stein's Geoarchaeological Legacy in the Green River of Kentucky*, Society for American Archaeology Conference, Albuquerque, New Mexico for symposium "From Middens to Museums: Papers in Honor of Julie Stein".
- Carlson, Justin N.**
- 2019 *Middle to Late Holocene (7200-2900 cal. BP) Archaeological Site Formation Processes at Crumps Sink and the Origins of Anthropogenic Environments in Central Kentucky*, Kentucky Heritage Council Conference, Covington, Kentucky.
- Carlson, Justin N.**
- 2018 *Middle to Late Holocene (7200-3000 cal. BP) Site Formation Processes at Crumps Sink and the Origins of Anthropogenic Environments by Fire in Central Kentucky*, Southeastern Archaeological Conference, Augusta, Georgia.
- Carlson, Justin N.** and George M. Crothers
- 2017 *Middle to Late Holocene (7000-3000 cal. BP) Archaeological Site Formation Processes at Crumps Sink and Changing Land Use Patterns in the Central Kentucky Karst, USA*, Frontiers in Archaeological Sciences Conference, Rutgers University, New Brunswick, New Jersey.
- Maggard, Greg J., **Justin N. Carlson**, Daniel Sea and Gary E. Stinchcomb
- 2017 *Middle Archaic Lifeways and the Holocene Climatic Optimum in the Falls Region*, Falls of the Ohio River Native American Archaeological Symposium, Kentucky Heritage Council Conference, Louisville, Kentucky.
- Carlson, Justin N.**
- 2016 *Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South Central Kentucky, USA*, Society for American Archaeology Conference, Orlando, Florida for symposium "Student Contributions in Geoarchaeology" sponsored by the Geoarchaeology Interest Group.

Carlson, Justin N.

2016 *Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky*, Kentucky Heritage Council Archaeology Conference, Pine Mountain, Kentucky.

Carlson, Justin N. and George M. Crothers

2015 *Anthropogenic Fire Management and Changing Land-Use Strategies in the Mammoth Cave Plateau and Sinkhole Plain, Central Kentucky, USA*, Society for American Archaeology Conference, San Francisco, California, symposium “Archaeology and Geoarchaeology of Rockshelters and Caves” sponsored by the Frison Institute and the Geoarchaeology Interest Group.

Crothers, George M., **Justin N. Carlson**, David Gárate and Matthew Litteral

2015 *Electromagnetic Induction Survey at Matacanela to Detect Off-Mound Structures and Landscape Features*, Society for American Archaeology Conference, San Francisco, California.

Pollack, David, A. Gwynn Henderson and **Justin N. Carlson**

2015 *Fox Farm: The 2014 Field Season*, Kentucky Heritage Council Conference, Cadiz, Kentucky.

Carlson, Justin N.

2014 *Caching, Mobility, and Hunter-Gatherer Social Dynamics in the Middle to Late Archaic Green River Valley, Kentucky*, Southeastern Archaeological Conference, Greenville, South Carolina.

Carlson, Justin N. and George M. Crothers

2013 *Macroscopic Analysis of Late Archaic Ground Stone Pestles from Carlston Annis (15Bt5), Kentucky*, Midwest Archaeological Conference, Columbus, Ohio.

Henry, Edward R., David Pollack and **Justin N. Carlson**

2013 *Winchester Farm Earthwork and the Woodland-period Mount Horeb Site Complex*, Southeastern Archaeological Conference, Tampa, Florida.

Conference Posters

White, Marie N., Gary E. Stinchcomb, **Justin N. Carlson**, Derek T. Anderson and Shane Miller

2019 *High-resolution Soil Characterization of Topper Site Soil Shows Evidence of Paleoenvironment and Overprinting*, Geological Society of America Southeastern Section Conference, Charleston, South Carolina.

Maggard, Greg J., **Justin N. Carlson**, Daniel Sea and Gary E. Stinchcomb

2016 *Middle Archaic Lifeways and the Holocene Climatic Optimum: A View from Ireland Cave, Kentucky*, Southeastern Archaeological Conference, Athens, Georgia.

Carlson, Justin N. and George M. Crothers

2014 *Geoarchaeology of a Cave Vestibule in Southeastern Kentucky*, Society for American Archaeology Conference, Austin, Texas.

Forums and Workshops

Carlson, Justin N.

2017 *Micromorphological Thin-Sections from Crumps Sink*, University of Tübingen, Tübingen, Germany

Carlson, Justin N.

- 2017 *Advancements and Prospects in Geoarchaeology Today: The SAA GIG at 20, Part 3*. Presenter and Discussant, Society for American Archaeology Conference, Vancouver, BC, Canada.
- Stevens, Karen A., **Justin N. Carlson**, Megan Parker, Katharine Alexander and Alexander Metz.
- 2017 *Finding a Space/Place for Archaeology in Political Ecology*. Dimensions of Political Ecology Conference, Lexington, Kentucky.

Invited University Colloquium Lectures

Carlson, Justin N.

- 2019 *The Archaeology of Middle Archaic Hunter-Gatherers at Ireland Cave, Kentucky*, Folk Studies and Anthropology Brown Bag Series, Western Kentucky University, Bowling Green, Kentucky.

Carlson, Justin N.

- 2017 *Middle to Late Holocene (7000-3000 cal. BP) Archaeological Site Formation Processes at Crumps Sink, South-Central Kentucky, USA*, University of Tübingen, Tübingen, Germany.

Carlson, Justin N.

- 2017 *Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky*, Murray State University, Department of Earth and Environmental Sciences, Murray, Kentucky.

Invited Class Lectures

Carlson, Justin N.

- 2026 *Human Perceptions of Landscape, Archaeology and World Prehistory (ANTH 105)*, Cal Poly Humboldt, Arcata, California.

Carlson, Justin N.

- 2024 *Fire Archaeology in Kentucky*, Fundamentals of Fuel and Fire (FIRE 123), Cal Poly Humboldt, Arcata, California.

Carlson, Justin N.

- 2024 *Environmental Archaeology in the Mammoth Cave Area*, Special Topics in Geology: Mammoth Cave National Park (HON 490), Western Kentucky University, Bowling Green, Kentucky.

Carlson, Justin N.

- 2019 *Geoarchaeology at Crumps Sink and Anthropogenic Environments in Central Kentucky*, Archaeology of Environmental Change (ANTH 316), Western Kentucky University, Bowling Green, Kentucky.

Carlson, Justin N.

- 2017 *How Do We Identify and Interpret Buried Soils in the Archaeological Record? A Case Study in Kentucky*, Environmental Archaeology (ANT 352), University of Kentucky, Lexington, Kentucky

Carlson, Justin N.

- 2015 *Caves, Rockshelters, and Sinkholes: Geoarchaeological Approaches to Karst Terrains of Kentucky*, Geoarchaeology (GEO 390), Murray State University, Murray, Kentucky.

Invited Public Lectures

Carlson, Justin N.

2016 *Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky*, Falls of the Ohio Archaeological Society Meeting, Clarksville, Indiana

Carlson, Justin N.

2016 *Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky*, Central Ohio Valley Archaeological Society Meeting, Covington, Kentucky.

Archaeological Field Experience

2025-2026 **Co-Principal Investigator and Site Director: Macedonia Archaeological Field Program**

Co-led excavations with Macedonian colleagues at Markova Kula, a Hellenistic fortress (2025) and Bolnica, a Roman and Medieval settlement in Demir Kapija, North Macedonia. Collaborator: Ordance Petrov, Ph.D. (Institute for Old Slavic Culture-Prilep).

2024-2026 **Co-Director and Principal Investigator (Cultural Resources Facility, Cal Poly Humboldt)**

Principal Investigator and project manager for USFS, BLM, NPS, and Resource Conservation District archaeology projects, Sierra National Forest, Plumas National Forest, Redwood National Park, Leonard Lake Reserve, King Range National Recreation Area.

2023-2024 **Senior Research Associate (Cultural Resources Facility, Cal Poly Humboldt)**

Project Lead on archaeological surveys in the Shasta McCloud Management Unit of Shasta-Trinity National Forest (Siskiyou County, California), Almanor Ranger District of Lassen National Forest (Tehama, Plumas, and Shasta Counties, California) and Smith River National Recreation Area of Six Rivers National Forest (Del Norte County, California)

2024 **Senior Research Associate: Crnobuki Archaeological Project, Crnobuki, North Macedonia**

Principal Investigator, Nicolas Angeloff, M.A. Cal Poly Humboldt
Co-supervised excavations of Neolithic, Greek and Roman archaeological site.

2022-2023 **Principal Investigator and Field Director**

Phase I archaeological investigations in Allen, Albany, Powell, Edmonson, Hart, Barren, Madison, Warren, Menifee, Powell and Wolfe Counties, Kentucky.

2021-2022 **Co-Principal Investigator: Sumac Terrace (15Ls141), Leslie County, KY**

Phase II and III excavations, Middle Archaic upland camp, Redbird District, Daniel Boone National Forest (with Dr. David Pollack)

2021-2022 **Principal Investigator and Field Director: Mammoth Cave Archaeological Survey, Edmonson, Barren and Hart Counties, KY**

Phase I archaeological survey Heritage Trail, Sand Cave, Dennison Ferry and Houchin Ferry

2021 **Co-Director: White Pine Archaeological Survey**

Phase I archaeological survey, upland open-air and rockshelter sites, Daniel Boone National Forest (with Dr. Jay Stottman)

- 2021 **Principal Investigator and Field Director: 15Pu322, Kentucky**
Phase I survey and Phase II testing of ridgetop site, Pulaski County.
- 2020 **Principal Investigator and Field Director: Hemlock Saddle (15Ls125), Kentucky**
Phase II excavations of upland saddle site, Redbird District, Daniel Boone National Forest.
- 2020 **Field Director: 15Wa166, Kentucky**
Phase I Survey and Phase II testing of floodplain site and surrounding area in Warren County
- 2019-2020 **Co-Director: Holt Site (15WA13), Kentucky**
Phase II-III excavations of Archaic and Mississippian site to be impacted by bridge replacement (with Dr. David Pollack, Western Kentucky University).
- 2015-2019 **Co-Principal Investigator/Field Director: Crumps Sink (15Wa6), Kentucky**
Dissertation excavations (with Dr. George Crothers, University of Kentucky).
- 2014-2016 **Assistant Field Director: Fox Farm (15Ms1), Kentucky**
Principal Investigators: Dr. David Pollack and Dr. A. Gwynn Henderson, University of Kentucky Excavations of Fort Ancient Period Houses.
- 2014-2015 **Geophysicist/Surveyor: Matacanela Archaeological Project, Zapoapan de Cabanas, Mexico**
Principal Investigator: Dr. Marcie Venter, Penn State University
- 2013 **Teaching Assistant and Field Instructor UK Archaeology Field School**
Principal Investigators, Dr. David Pollack and Dr. Steven Ahler Univ. of Kentucky, and Ed Henry (Ph.D. Candidate), Washington University, St. Louis, MO.
- 2012 **Geophysicist: Tezze Project, Arzignano, Italy**
Principal Investigators: Dr. Paolo Visona and Dr. George Crothers, University of Kentucky
Responsibilities: GPR and gradiometry at a Roman outpost in the Veneto.
- 2012 **Excavator: Renox Site (15Cu110), Cumberland County, Kentucky**
Principal Investigator: Dr. Greg Maggard, University of Kentucky
Responsibilities: Excavation of Archaic, Woodland and Mississippian components.
- 2010-2011 **Excavator: Topper Site Archaeological Project, SC**
Principal Investigator: Dr. Albert Goodyear, University of South Carolina.
Responsibilities: Excavated Clovis levels of the Topper Site.
- 2010 **Excavator and Surveyor: El Purgatorio Archaeological Project, Casma, Peru**
Principal Investigator: Dr. Melissa Vogel, Clemson University, SC
Excavated and mapped domestic and monumental architecture, traversed desert Andes with mobile GPS to record topography within and surrounding site, cataloged flaked and ground stone tools.
- 2009 **Intern: Michaux Site Archaeological Project, Charleston, SC**
Director: Dr. Dee Dee Joyce, College of Charleston, Charleston, SC
Responsibilities: excavated site in search of the house foundation of famed French botanist André Michaux, processed artifacts.
- Fall **Intern: Charlestowne Landing Archaeological Excavation, Charleston, SC**

- 2009 Director: Cicek Beeby, Charlestowne Landing, Charleston, SC
Responsibilities: excavated 18th century tavern site.
- 2009 **Excavator: Les Cottés Cave Archaeological Project, St. Pierre de Maille, France**
Principal Investigator: Dr. Marie Soressi, Max Planck Institute, Leipzig, Germany
Responsibilities: excavations and laboratory work at Paleolithic site
- 2009 **Student: Monticello Archaeological Field School, Charlottesville, VA**
Directors: Dr. Fraser Neiman and Dr. Sara Bon Harper, University of Virginia
Responsibilities: Excavated historic site where enslaved peoples lived.
- Spring 2009 **Excavator: Dixie Plantation Archaeological Excavation, Charleston, SC**
Directors: Dr. Maureen Hays, College of Charleston, Charleston, SC and Kim Pyszka, Ph.D. Candidate, University of Tennessee, Knoxville, TN
Responsibilities: excavated units at early 18th century Parsonage historic site burned in the Yemassee Indian War.
- 2008 **Surveyor: Avkat Archaeological Project, Avkat, Turkey**
Directors: Dr. John Haldon, Princeton University and Dr. James Newhard, College of Charleston
Responsibilities: conducted diachronic landscape pedestrian survey to infer ancient settlement patterns and travel routes.
- October 2007 **Excavator: Dixie Plantation Archaeological Excavation, Charleston SC**
Directors: Dr. Maureen Hays, College of Charleston, Charleston, SC and Kim Pyszka, Ph.D. Candidate, University of Tennessee, Knoxville, TN
Responsibilities: excavated units at early 20th century plantation historic site.

Archaeology Laboratory Experience

- 2023-2026 **Cultural Resources Facility, Cal Poly Humboldt**
Co-Director/Principal Investigator and Senior Research Associate: Write grant and contract proposals, manage multiple archaeological and historical resources projects, collaborate with clients, manage budgets, supervise and train staff and students, and complete project deliverables including site records and reports.
- 2019-2023 **Project Director: Kentucky Archaeological Survey, Western Kentucky University**
Manage archaeology lab and supervise staff and students in artifact analysis, curation, preparation of site forms and report writing.
- 2018 **Project Archaeologist: Kentucky Archaeological Survey, University of Kentucky**
Director: Dr. David Pollack: Writing up report on Cumberland County Excavations, Stratigraphy and Projectile Points.
- 2017 **Supervisor: Archaeology Wash Nights, Archaeology Lab, University of Kentucky**
Director: Dr. David Pollack: Work with students and the public to sort artifacts from dissertation excavations at Crumps Sink, Kentucky.
- 2015-2019 **Artifact Processing and Cataloguing: Archaeology Laboratory, University of Kentucky**

- Ongoing artifact processing, bagging, and cataloguing, and flotation from the Summer 2015 (Crumps Sink) and Fall 2016 (Crumps Cave) excavations.
- 2015-2017 **Project Archaeologist: Kentucky Archaeological Survey, University of Kentucky**
 Directors: Dr. David Pollack and Dr. Greg Maggard
 Projects: Jefferson County Rockshelter Survey: analysis of projectile points and stratigraphy
- 2013-2015 **Research Assistant: Kentucky Archaeological Survey, University of Kentucky**
 Director: Dr. David Pollack: Various duties at University of Kentucky Archaeology Lab including, but not limited to, cataloguing of artifacts, supervising Archaeology Wash Nights, analysis of projectile points from 15Cu110, and creating 3D models of projectile points for virtual curation allowing for future morphometric studies.
- 2014 **Class Project: Ceramic Analysis**
 Directors: Dr. Christopher Pool and Dr. David Pollack: Analyzing and comparing Middle and Late Fort Ancient ceramics to make determinations about changes in vessel form, technological function, decoration, and size over time from Petersburg site (15Be6).
- 2013 **Independent Study: Ground Stone Analysis**
 Director: Dr. George Crothers, University of Kentucky, Lexington, KY
 Responsibilities: analyzing ground stone pestles and mortars from Carlston Annis site (15Bt5).
- 2011-2012 **Research Assistant: William S. Webb Museum, University of Kentucky**
 Directors: Dr. George Crothers and Nancy O'Malley, M.A.
 Responsibilities: catalog and organize collections, archive documents, develop and maintain databases.
- 2010 **Independent Study: Lithic Analysis**
 Director: Dr. Maureen Hays, College of Charleston, Charleston, SC
 Responsibilities: analyze flaked lithics from Dixie Plantation, create database, create density maps using GIS.
- 2010 **Intern: Brockington and Associates Cultural Resource Management, Mount Pleasant, SC**
 Director: Dr. Laura Tedesco
 Responsibilities: organize artifact database, research background information for National Historic Park in New York, compile paperwork for historic preservation project in Little Rock, Arkansas.

Geoarchaeology Laboratory Experience:

- 2021-2023 **Soil Micromorphology: Anthropology Lab, Western Kentucky University**
 Maintained microscope and slide scanner and conduct archaeological micromorphological analysis on soil thin sections.
- 2016, 2018 **Sample Analysis: Sediment Soil Human Lab, Watershed Studies Institute, Department of Earth and Environmental Sciences, Murray State University, KY.**

- Lab Director: Dr. Gary Stinchcomb
Micromorphological analysis of thin-sections from Crumps Sink and Ireland Cave.
- 2017 **Sample Preparation and Analysis: Geoarchaeology Lab, Institut für Naturwissenschaftliche Archäologie, University of Tübingen, Germany**
Lab Directors: Dr. Christopher Miller and Dr. Susan Mentzer
Courses in preparation, description and interpretation of archaeological micromorphological thin-sections.
- 2016-2017 **Sample Analysis: Geoarchaeology Lab, Department of Anthropology, Washington University, St. Louis, MO.**
Lab Directors: Dr. Tristram Kidder and Edward Henry (Ph.D. Candidate):
Conducted loss-on-ignition analyses and magnetic susceptibility analyses of samples from Crumps Sink and Ireland Cave.
- 2017 **Sample Preparation: Agricultural Soils Lab, Department of Plant and Soil Sciences, University of Kentucky**
Lab Director: Diane Hunter
Prepared Crumps Sink samples to 2 mm fine consistency for soil analysis.

Professional Associations

Society for American Archaeology
Archaeological Institute of America
European Association of Archaeologists
Southeastern Archaeological Conference
Society for California Archaeology
Midwest Archaeological Conference
Kentucky Organization of Professional Archaeologists
Kentucky Museum Advisory Board (2022-2023)