





Kenneth Blake Vernon

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Appointments

Assistant Director, University of Utah Archaeological Center

2018-present

Education

University of Central Arkansas
B.A. in History and Philosophy

Conway, AR
2006

Northern Illinois University
M.A. in Philosophy

DeKalb, IL
2009

University of Utah
Ph.D. in Anthropology

Salt Lake City, UT
NA

Publications

Peer-reviewed journal articles

2020 Kenneth B. Vernon, Peter M. Yaworsky, Jerry D. Spangler, Simon Brewer, Brian F. Coddling (2020). [Decomposing habitat suitability across the forager to farmer transition](#). *Environmental Archaeology* NA (NA): NA. DOI: 10.1080/14614103.2020.1746880

Peter M. Yaworsky, Kenneth B. Vernon, Jerry D. Spangler, Simon C. Brewer, Brian F. Coddling (2020). Advancing predictive modeling in archaeology: An evaluation of regression and machine learning methods on the Grand Staircase-Escalante National Monument. *PLOS ONE* NA (NA): NA. DOI: NA

2017 Kate E. Magargal, Ashley K. Parker, Kenneth B. Vernon, Will Rath, Brian F. Coddling (2017). [The ecology of population dispersal: Modeling alternative basin-plateau foraging strategies to explain the Numic expansion](#). *American Journal of Human Biology* 29 (4): e23000–n/a. DOI: 10.1002/ajhb.23000

Book reviews

2020 Kenneth B. Vernon, Brian F. Coddling (2020). [Review of Oshara Revisited: The Archaic Period in Northern New Mexico by Nicholas Chapin](#). *Journal of Anthropological Research* 76 (1): 138–140. DOI: 10.1086/706946

Technical reports

- 2019 Jerry D. Spangler, Peter M. Yaworsky, Kenneth B. Vernon, Brian F. Coddling (2019). Hisatsinom of the High Plateaus: A Class I Overview of Prehistoric Cultural Resources in Grand Staircase-Escalante National Monument. Prepared for Grand Staircase-Escalante National Monument, Kanab, UT.
- 2018 Brian F. Coddling, Kate E. Magargal, Kenneth B. Vernon, Paul E. Allgaier, Jess Valdez, Ron Goode (2018). Preliminary Archaeological Investigations at the Jack Kirk Site, Mariposa Creek, California. Submitted to the North Fork Mono Tribe.

Grants, Fellowships, and Awards

- 2019 David C. Williams Memorial Graduate Fellowship, University of Utah College of Social and Behavioral Sciences. "Advancing Stewardship with Theory and Models". PI: Kenneth B. Vernon.
- Earl and Elies Skidmore Endowed Graduate Fellowship, University of Utah College of Social and Behavioral Sciences. "Graduate Research". PI: Kenneth B. Vernon.
- 2018 David C. Williams Memorial Graduate Fellowship, University of Utah College of Social and Behavioral Sciences. "Advancing Stewardship with Theory and Models". PI: Kenneth B. Vernon.
- Interdisciplinary Faculty Research Seed Grant, University of Utah Global Change and Sustainability Center. "Why Were Prehistoric Agricultural Societies in Utah Unable to Adapt to the Medieval Megadroughts?". PI: Brian F. Coddling, Simon Brewer.
- 2017 Grand Staircase-Escalante National Monument Cooperative Agreement, Bureau of Land Management. "Archaeological Sites as Endangered Species: Using Next Generation Models to Predict and Protect Cultural Properties on the Grand Staircase-Escalante National Monument". PI: Brian F. Coddling.
- Research Grant, University of Utah Global Change and Sustainability Center. "Human Plant Use in Red Butte Canyon". PI: Kenneth B. Vernon.
- Research Grant, Friends of Red Butte. "Human Plant Use in Red Butte Canyon". PI: Kenneth B. Vernon.

Teaching

Teaching interests:

Behavioral Ecology, Human Ecology, Human Prehistory, Hunter-Gatherers, Conservation & Sustainability, Ethnoarchaeology, GIS/Spatial Analysis, Quantitative Data Analysis, Archaeological Method & Theory, North American Prehistory

University of Utah, Department of Anthropology:

- ANTH 1030: Introduction to World Prehistory
- ANTH 1010: Culture and the Human Experience

Presentations

- 2019 Kenneth B. Vernon, Peter M. Yaworsky, Brian F. Coddling (2019). *Decomposing habitat suitability with theory-driven machine-learning*. *Presentation at the 84th Annual Meeting of the Society for American Archaeology*, Albuquerque, NM
- 2018 Kenneth B. Vernon, Peter M. Yaworsky, Kate E. Magargal, D. Craig Young, David Zeanah, Brian F. Coddling (2018). *Prearchaic land use in Grass Valley, Nevada: A novel statistical implementation of optimal distribution modeling*. *Poster at the 83th Annual Meeting of the Society for American Archaeology*, Washington D.C.
- Kenneth B. Vernon, Peter M. Yaworsky, Kate E. Magargal, D. Craig Young, David Zeanah, Brian F. Coddling (2018). *Prearchaic Land Use in Grass Valley, Nevada: This time with Bayes*. *Poster at the Bi-annual Great Basin Anthropological Conference*, Salt Lake City, UT

Professional Affiliations

Great Basin Anthropological Association	2016-Present
Society for American Archaeology	2014-Present