

DAVID KELLEY THULMAN
CURRICULUM VITAE
May 2021

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George Washington University
Department of Anthropology
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EDUCATION

- 2006 **Ph.D., Anthropology**
Florida State University, Tallahassee, Florida
*Dissertation Title: A Reconstruction of Paleoindian Social Organization
in North Central Florida*
- 2003 **M.S., Anthropology**
Florida State University, Tallahassee, Florida
- 1982 **J.D.** George Washington University, Washington, D.C.
Degree received with honors
- 1978 **B.A., Anthropology**
University of Pennsylvania, Philadelphia, Pennsylvania
Degree received *cum laude*

RESEARCH INTERESTS

- Social Organization Comparing temporal and spatial distribution of social groups during the
Paleoindian and Early Archaic periods in North America.
- Prehistoric Southeast Concentrating on the early prehistory of eastern North America with an
emphasis on the Southeast.
- Method and Theory Adapting geometric morphometric analysis to the study of artifact shapes
and developing the underlying theoretical justifications.
- Artifact Shape Analysis Using landmark-based geometric morphometrics to explore
archaeological questions using artifacts shapes.
- Related Interests Applying Bayesian statistical analyses to radiocarbon dating. Stone tool
replication studies. Underwater prehistoric archaeology.

TEACHING EXPERIENCE

- 2007–present **Assistant Professorial Lecturer**

Anthropology Department, George Washington University, Washington, D.C.

Courses Taught

The Archaeology of North America (Fall 2007, Fall 2011, Spring 2019)

Human Rights and Ethics (Fall 2007–2008)

Ethics and Cultural Property (Spring 2008–2021)

Peopling of the New World, (Spring 2014)

Proseminar in Archaeology (Fall 2018)

PROFESSIONAL TRAINING

2014 An Introduction to Geometric Morphometrics. Instructor Chris Klingenberg. Loch Lomond, Scotland, UK. June 11–16, 2014.

Geomorph. Instructors Dean Adams, Mike Collier, Antigoni Kaliontzopoulou. Glasgow, Scotland UK, October 14-19, 2019.

PUBLICATIONS

Archeology–Peer Reviewed

In Preparation *Includes only manuscripts that are far along in preparation; available on request. In-progress work that is not substantially written is not listed.*

Thulman, David K., and Maile C. Neel
Firm or Blended Borders: How are Neutral Artifact Traits Manifested at Neighborhood Boundaries?

Thulman, David K., and Brendan Fenerty
Armature or Knife: An Evaluation of the Primary Function of Clovis Points

Submitted

Thulman, David K., Michael Shott, Alan Slade, Justin Williams
Clovis Point Allometry: Exploring Shape Variation with Landmark-based Geometric Morphometrics. *American Antiquity*.

Thulman, David K.
The Use of the West Indian Manatee in Precontact Florida. Submitted to *Florida Anthropologist*.

Published Articles

Thulman, David K. and Keely Booth

- 2020 Casuistry: A Method for Analyzing Novel Ethical Problems in Archaeology. *The SAA Archaeological Record* 20(5):41-44.
- Thulman, David K.
2019 A Typology of Florida Fluted Points Using Landmark-based Geometric Morphometrics. *PaleoAmerica* 5(2): 181-190.
- 2019 The Age of the Dalton Culture: A Bayesian Reanalysis of the Radiocarbon Data. *Southeastern Archaeology* 38(3):171-192.
- Thulman, David K.
2017 Dust Cave Revisited: A Bayesian Reanalysis of the Radiocarbon Record. *American Antiquity* 82(1):168-182.
- Thulman, David K.
2014 The Role of Non-Declarative Memory Systems in the Inference of Long Term Population Continuity. *Journal of Archaeological Method and Theory* 21:724-729.
- Rink, W. Jack, James S. Dunbar, Walter K. Tschinkel, Christina Kwapich, Andrea Repp, William Stanton, and David K. Thulman
2013 Subterranean Transport and Deposition of Quartz by Ants in Sandy Sites Relevant to Age Overestimation in Optical Luminescence Dating. *Journal of Archaeological Science* 40:2217-2226.
- Thulman, David K.
2012 Discriminating Paleoindian Point Types from Florida using Landmark Geometric Morphometrics. *Journal of Archaeological Science* 39:1599–1607.
- Thulman, David K.
2012 Bioturbation and the Wakulla Springs Lodge Site Artifact Distribution. *The Florida Anthropologist* 65:25–34.
- Thulman, David K.
2012 Paleoindian Occupation along the St. Johns River, Florida. *The Florida Anthropologist* 65:79–86.
- Thulman, David K.
2012 A Submerged Suwannee Point Site from Lake George, St. Johns River, Florida. *Current Research in the Pleistocene* 28:182–183.
- Thulman, David K.
2009 Freshwater Availability as the Constraining Factor in the Middle Paleoindian Occupation of North-Central Florida. *Geoarchaeology* 24:243–276.

- Thulman, David K.
2008 A Typology of Fluted Points from Florida. *The Florida Anthropologist* 60: 63–75.
- Thulman, David K.
2006 A Reconstruction of Paleoindian Social Organization in North Central Florida. Unpublished dissertation, Department of Anthropology, Florida State University, Tallahassee.
- Thulman, David K.
2006 Suwannee/Bolen Artifact Assemblage from the Santa Fe River. *The Florida Anthropologist* 59:21–34.
- Thulman, David K.
1999 Understanding Radiocarbon Dating: Calibration. *Aucilla River Times* XII(1):16.

Book Chapters

- Thulman, David K.
In Press Southeastern Paleoindian through Early Archaic Chronologies. In *The Paleoindian and Early Archaic Southeast, Volume 2*, edited by D. Shane Miller, Ashley Smallwood, and Jessi Tune University of Alabama Press, Tuscaloosa.
- Smith, Morgan F., Shawn A. Joy, Jessi J. Halligan, Michael R. Waters, David K. Thulman, Michael K. Faught, Angelina Perrotti, Brendan Fenerty, Adam M. Burke, and Ryan Duggins
In Press Liquid Landscapes: The Contributions of a New Wave of Submerged Prehistoric Archaeology to the Paleoindian and Early Archaic Record of the Southeast United States. In *The Paleoindian and Early Archaic Southeast, Volume 2*, edited by D. Shane Miller, Ashley Smallwood, and Jessi Tune University of Alabama Press, Tuscaloosa.
- Thulman, David K.
2019 Paleoindian Archaeology in Florida in the 20th and 21st Centuries. In *Early Floridians: New Directions in the Search for and Interpretation of Florida's Earliest Inhabitants*. University of Florida Press, Gainesville.
- Thulman, David K.
2019 The Predicate Form: Using Artifact Shapes to Reconstruct Social Interaction. *Early Floridians: New Directions in the Search for and Interpretation of Florida's Earliest Inhabitants*. University of Florida Press, Gainesville.
- Thulman, David K., and Ervan G. Garrison

- 2019 Introduction. *Early Floridians: New Directions in the Search for and Interpretation of Florida's Earliest Inhabitants*. University of Florida Press, Gainesville.
- Dunbar, James, and David K. Thulman
2019 Early Paleoindian Potentials on the Continental Shelf in the Southeastern United States. *Early Floridians: New Directions in the Search for and Interpretation of Florida's Earliest Inhabitants*. University of Florida Press, Gainesville.
- Garrison, Ervan G., and David K. Thulman
2019 The State of Florida Paleoindian Studies: Early Paleoindian Potentials on the Continental Shelf in the Southeastern United States. *Early Floridians: New Directions in the Search for and Interpretation of Florida's Earliest Inhabitants*. University of Florida Press, Gainesville.
- Thulman, David K.
2018 Discerning Early Archaic Bolen Territories using Geometric Morphometrics. In *Early Human Life on the Southeastern Coastal Plain*, edited by Christopher Moore and Albert Goodyear, Jr., pp. 257-273. University of Florida Press, Gainesville.
- Pevny, Charlotte, David K. Thulman, Michael Faught
2017 The Pleistocene - Holocene transition in Florida: Evidence for Clovis Paleoindian to Bolen Early Archaic Cultural Continuity. *The Eastern Fluted Point Tradition, Volume II.*, edited by Joseph Gingrich, pp. 213-239. University of Utah Press, Salt Lake City.
- Thulman, David K.
2017 Legal Considerations: Maritime Cultural Landscapes Panel Discussion. In *Proceedings of the Maritime Cultural Landscape Symposium*, edited by Barbara Wyatt and Deborah Dietrich-Smith, pp 71-74. National Park Service, U.S. Department of the Interior, Washington, DC.
- Book Review
2006 Cobb: Stone Tool Traditions in the Contact Area. *The Florida Anthropologist* 59:123–124.
- Guest Editor
2012 *The Florida Anthropologist* Volume 65(1–2).
- Edited Book
Thulman, David K., and Ervan Garrison
2019 *Early Floridians: New Directions in the Search for the First Floridians*. University of Florida Press, Gainesville.

Research Reports

- Thulman, David K.
2020 Florida Paleoindian Underwater Survey – Phase II Report of Field Operations December 12-23, 2019, and May 8-14, 2020. Report submitted to the Florida Bureau of Archaeological Research, Tallahassee, Florida.
- Thulman, David K.
2018 Lake George Paleoindian Underwater Survey: Report of Field Operations, December 19-29, 2017. Report submitted to the Florida Bureau of Archaeological Research, Tallahassee, Florida.
- Goodwin, R. Christopher, William P. Barse, Charlotte D. Pevny, Brian Ostahowski, Sherman W. Horn III, David Chatelain, Jon Bryan, David K. Thulman, John Fagan, Timothy E. Riley, Sarah E. Price and Tara L. Potts
2013 *Adapting to Climate Change at the Pleistocene - Holocene Transition: Data Recovery of Five Late Paleoindian to Early Archaic Sites along Florida's Cody Scarp (8LE2105, 8LE2102, 8JE880/LE1549, 8JE872, and 8JE878)*. Report for Florida Gas and Transmission Company, Houston Texas by R. Christopher Goodwin and Associates, Inc., Frederick Maryland and New Orleans Louisiana, FMSF Survey No. 20082.
- Thulman, David K.
2009 Lake George Point Site (8PU1470) Survey, Report of Field Operations, March 1–15, 2009. Report submitted to the Florida Bureau of Archaeological Research, Tallahassee, Florida.
- Thulman, David K.
2004 Ryan-Harley Site (8JE1004) Coring Research Project, Report of Field Operations, January 17 and April 16, 2004. Report submitted to the Florida Bureau of Archaeological Research, Tallahassee, Florida.
- Faught, Michael, and David K. Thulman
2003 Silver Springs (8MR92) Paleoindian Research Project: Report of Field Operations, December 15–17, 2003. Report submitted to the Florida Bureau of Archaeological Research, Tallahassee, Florida.

Law—Peer Reviewed

- Thulman, David K.
1993 Takings Law in Florida: The Whole is Greater than the Sum of its Parcels. *Journal of Land Use & Environmental Law* 8(2):595–609.

Paleontology

- Thulman, David K., and S. David Webb.
2002 Mid-Wisconsinan Date Associated with *Eremotherium laurillardi* Withlacoochee River, North Florida. *Current Research in the Pleistocene* 18:115–117.
- Thulman, David K.
1998 Whose Tooth is This? (Artiodactyla). Paleontological Resources website. www.flmnh.ufl.edu/natsci/vertpaleo/resources/fossil-id/art-id.htm
- Thulman, David K.
1997 Adventures in Science. *Florida Paleontological Society Newsletter* 14(2):5–6.
- Thulman, David K.
1997 Whose Tooth is This? (Perissodactyla). *Florida Paleontological Society Newsletter* 14(1):17–22.
- Thulman, David K.
1996 Whose Tooth is This? (Artiodactyla). *Florida Paleontological Society Newsletter* 13(4):12–22.
- Thulman, David K.
1996 Whose Tooth is This? (Carnivora, Part 2). *Florida Paleontological Society Newsletter* 13(1):10–19.
- Thulman, David K.
1995 Whose Tooth is This? (Carnivora, Part 1). *Florida Paleontological Society Newsletter* 12(4):18–25.
- Thulman, David K.
1995 Whose Tooth is This, Anyway? (Xenarthra). *Florida Paleontological Society Newsletter* 12(3):13–24.

INVITED PAPERS AND LECTURES PRESENTED AT SYMPOSIA

- 2021 “Allometry, Modularity, and Integration: Applying Biological Concepts and Statistical Tests to Stone Tool Shapes”, with Michael J. Shott, Justin P. Williams, and Alan M. Slade. Paper presented at a symposium entitled Geometric Morphometrics in Archaeology, organized by Robert Bischoff. 86nd Annual Meeting of the Society for American Archaeology. San Francisco, April 15, 2021.
- 2018 “A Typology of Florida Fluted Points.” Paper presented at a symposium entitled Fluted Point Technology: Variation Across a Hemisphere,

organized by Heather Smith and Jesse Tune. 82nd Annual Meeting of the Society for American Archaeology. Washington, D.C. April 12, 2018.

- 2017 “Southeastern Paleoindian through Early Archaic Chronologies.” Paper presented in a symposium entitled The Paleoindian and Early Archaic Southeast: The Last 20 Years, 1996-2016, organized by D. Shane Miller and Ashley Smallwood. 74th Annual Meeting of the Southeastern Archaeological Conference. Tulsa, Oklahoma. November 10, 2017.
- 2017 “Discerning Prehistoric Social Learning Groups Using Landmark-based Geometric Morphometrics.” Paper presented in the Morphometrics symposium at the 11th annual International Symposium on Knappable Materials. Buenos Aires, Argentina. November 7, 2017.
- 2016 “Local Scale Cultural Transmission: How Neutral Artifact Traits Manifest at Neighborhood Boundaries.” Paper presented in a symposium entitled Hunter-Gatherer of the Late Pleistocene and Early Holocene in the Greater Southeast, organized by Andrew White. 73rd Annual Meeting of the Southeastern Archaeological Conference. Athens, Georgia. November 13, 2016.
- 2015 “The Predicate Form: using artifact shapes to reconstruct social interaction.” Paper presented at the First Floridians, First Americans conference organized by Main Street Monticello and the Aucilla River Institute. Monticello, Florida. October 2, 2015.
- 2015 “The Use of Bayesian Statistics to Increase both Precision and Accuracy in Radiocarbon Dating.” Paper presented in a symposium entitled Issues in Building Radiocarbon Chronologies, organized by Andrew Martindale, David Wright, Jangsuk Kim, and Colin Grier. 79th Annual Meeting of the Society for American Archaeology. San Francisco, California. April 16, 2015.
- 2014 “Discerning Early Archaic Bolen Territories using Geometric Morphometrics.” Paper presented in a symposium entitled Early Human Life on the Southeastern Coastal Plain, organized by Albert C. Goodyear and Christopher R. Moore. 71st Annual Meeting of the Southeastern Archaeological Conference. Greenville, South Carolina. November 14, 2014.
- 2012 “Archaeology and Descendant Communities: Rights and Responsibilities.” Moderator for two-hour symposium entitled Archaeology and Descendant Communities: Rights and Responsibilities, sponsored by the SAA Committee on Ethics. 77th Annual Meeting of Society for American Archaeology. Memphis, Tennessee. April 20, 2012.

- 2011 “Lower End Artifact Collection: Is a practical accommodation possible among archaeologists, collectors, and museums?” Lecture presented at the Museum and Antiquities Lecture Series, George Washington University. Washington, D.C. April 2011.
- 2009 “Vertical and Horizontal Distribution of Artifacts at the Wakulla Lodge Site.” Paper presented in the symposium entitled A Pre-Clovis Contender in North Florida: the Wakulla Springs Lodge Site (8WA329), organized by James S. Dunbar. 74th Annual Meeting of the Society for American Archaeology. Atlanta, Georgia. April 24, 2009.
- 2007 “Regionalization on a Small Scale During the Paleoindian Period in North-Central Florida.” Paper presented in the symposium entitled Studies in Southeastern Paleoindian Socioeconomics, organized by James Scott Jones. 64th Annual Meeting of the Southeastern Archaeological Conference. Knoxville, Tennessee. November 1, 2007.
- 2006 “Reconstructing Intraregional Paleoindian Territories in Florida.” Paper presented in the symposium entitled Theoretical Approaches to the Interpretation of Flake Stone Tool Assemblages, organized by Caryn Berg and Christine Ward. 71st Annual Meeting of the Society for American Archaeology. San Juan, Puerto Rico. April 29, 2006.

PAPERS AND POSTERS PRESENTED AT PROFESSIONAL MEETINGS

- 2019 “Were Clovis Points Likely Knives? An Evaluation of the Evidence” with Brendan Fenerty. Paper presented in the Clovis: New Research, New Debates general session. 84th Annual Meeting of the Society for American Archaeology. Albuquerque, New Mexico. April 11, 2019.
- 2018 “The Age of Dalton Culture.” Paper presented in the Paleoindian and Archaic general session. 75th Annual Meeting of the Southeastern Archaeological Conference. Augusta, Georgia. November 15, 2018.
- 2017 “Local Scale Cultural Transmission: How Neutral Artifact Traits Manifest at Neighborhood Boundaries.” 83rd Annual Meeting of the Society for American Archaeology. Vancouver, BC, Canada. March 30, 2017.
- 2013 “How Long did Clovis Last? A Re-assessment of the Clovis and Other Paleoindian Occupations using Bayesian Statistics.” Poster (with Michael Faught) at the Paleoindian Odyssey. Santa Fe, New Mexico. October 18, 2013.

- 2007 “Paleoindian Social Organization in North-Central Florida.” Paper presented at the Paleo-Indian Archaeology general session. 72st Annual Meeting of the Society for American Archaeology. Austin, Texas. April 27, 2007.
- 2005 “How Many Kinds?: Trying to Make Sense of Paleoindian Projectile Point Variation in Florida.” Paper presented (with James Dunbar) at a general session on Paleoindians and the Peopling of the Americas. 70th Annual Meeting of the Society for American Archaeology. Salt Lake City, Utah. April 1, 2005.
- 2004 “A Reconstruction of the Natural History of the West Indian Manatee in Florida in the Past 12,000 years from Archaeological, Ethnographic, and Other Data.” Paper presented at annual meeting of the Florida Anthropological Society. Ft. Lauderdale, Florida. May 2004.
- 2003 “The Late Archaic and Early Formative Period Settlement of Pulltrouser Swamp, Northern Belize: an Analysis of the Lithic Tools.” Paper presented (with Mary Pohl and Kevin Pope) in the general session entitled Mesoamerican Lithic Studies. 68th Annual Meeting of the Society for American Archaeology. Milwaukee, Wisconsin. April 12, 2003.

PUBLIC PRESENTATIONS

- 2019 “Diving into the Past: Precontact Underwater Archaeology in North America.” Presentation to the University Park residents. November, 2019.
- 2018 “The Predicate Form: Using Artifact Shapes to Reconstruct Social Interaction.” Presentation to the Pre-Columbian Society of Washington, D.C. Washington, D.C. December, 2018.
- 2018 “Diving Into the Past: Early American Underwater Archaeology in Florida. Presentation to the Falcon’s Landing Association. Sterling Virginia, October 2018.
- 2011 “Recent Developments in Florida Paleoindian Archaeology.” Presentation to the Pre-Columbian Society of Washington, D.C. Washington, D.C. July 2011.
- 2009 “Recent Developments in Florida Paleoindian Archaeology.” Presentation to the Northern Virginia Archaeological Society. Falls Church Virginia. April 2009.
- 2004 “A Reconstruction of the Natural History of the West Indian Manatee in Florida in the Past 12,000 years from Archaeological, Ethnographic, and Other Data.” Presentation to the Panhandle Archaeological Society of Tallahassee. Tallahassee, Florida. October 2004.

PROFESSIONAL AFFILIATIONS

Present	Member. Society for American Archaeology.
Present	Member. Southeastern Archaeological Conference.
Present	Member. Florida Anthropological Society.
Present	Member. Eastern States Archaeological Federation.
Present	Member. Center for the First Americans.
Present	Certified open water recreational diver. Professional Association of Diving Instructors (PADI).
Present	Member. Florida Bar Association.
Present	Member. Washington, D.C. Bar Association
1994–2006	Member. Florida Paleontological Society.