

## ANDREW A. WHITE

Illinois State Archaeological Survey  
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### Education

- 2012 Ph.D. in Anthropology; University of Michigan, Ann Arbor, MI, 48109; Dissertation:  
*The Social Networks of Early Hunter-Gatherers in Midcontinental North America.*
- 1999 M.A. in Anthropology; Southern Illinois University, Carbondale, IL, 62901; Thesis:  
*Correspondence between Internal and External Variables of the Proximal Tibia in  
Relation to Joint Degeneration.*
- 1993 B.A. in Anthropology, B.A. in Journalism; Indiana University, Bloomington, IN, 47405

### Professional Appointments

- 2020–present Research Archaeologist, Illinois State Archaeological Survey, University of  
Illinois at Urbana-Champaign
- 2015–2020 Assistant Research Professor, South Carolina Institute of Archaeology and  
Anthropology, Columbia
- 2014–2015 Visiting Assistant Professor, Grand Valley State University, Allendale
- 2013–2014 Research Associate, University of Michigan, Ann Arbor
- 2006–2012 Research Assistant, Graduate Student Instructor; University of Michigan,  
Ann Arbor
- 2005–2006 Assistant Director, IPFW Archaeological Survey, Indiana University-Purdue  
University Fort Wayne
- 2001–2005 Staff Archaeologist, IPFW Archaeological Survey, Indiana University-  
Purdue University Fort Wayne
- 1996–2001 Staff Archaeologist, Glenn A. Black Laboratory of Archaeology, Indiana  
University, Bloomington

- 1994–1997      Research Assistant, Graduate Assistant; Southern Illinois University, Carbondale
- 1993–1994      Field Technician, Glenn A. Black Laboratory of Archaeology, Indiana University, Bloomington

## Teaching Appointments

- 2015–2020      Assistant Research Professor, University of South Carolina
- “Forbidden Archaeology” (ANTH 227)
  - “Archaeology of South Carolina” (ANTH 321)
  - “Field School in Archaeology” (ANTH 322)
  - “Primates, People, and Prehistory” (ANTH 101)
- 2014–2015      Visiting Assistant Professor, Grand Valley State University
- “Human Origins” (ANT 206)
  - “Origins of Civilization” (ANT 215)
  - “Introduction to Archaeology” (ANT 220)
- 2013              Adjunct Lecturer, University of Michigan
- “The Archaeology of Early Humans” (A385)
  - “Introduction to European Prehistory” (A382)
- 2009              Graduate Student Instructor, University of Michigan
- “Human Evolution” (B365); Dr. Milford Wolpoff, professor
- 2008              Graduate Student Instructor, University of Michigan
- “The Archaeology of Early Humans” (A385); Dr. John Speth, professor
- 2003–2006      Instructor, Indiana University-Purdue University Archaeological Survey
- *Undergraduate Research Experience in Application of Geophysical Methods to the Archaeology of Late Prehistoric Central Indiana* (NSF REU program)
  - Archaeological Field Schools; Robert McCullough, professor

## Other Relevant Experience and Training

- 2005      National Parks Service geophysics training workshop (Chillicothe, OH)
- 2004      GPR training course for GSSI SIR-3000 (Austin, TX)

2004 Resistivity and magnetometry training workshop with Dr. Lewis Somers of Geoscan (Strawtown, IN)

## Publications and Reports

### *Peer-Reviewed Articles*

- n.d. Robert L. Kelly, Madeline E. Mackie, Erick Robinson, Jack Meyer, Michael Berry, Matthew Boulanger, Brian F. Coddling, Jacob Freeman, Carey James Garland, Joseph Gingerich, Robert Hard, James Haug, Andrew Martindale, Scott Meeks, Myles Miller, Shane Miller, Timothy Perttula, Jim A. Railey, Ken Reid, Ian Scharlotta, Jerry Spangler, David Hurst Thomas, Victor Thompson, and **Andrew A. White**. A New Radiocarbon Database for the Lower 48 States. *American Antiquity* (in press).
- 2021 **White, Andrew A.** Lithic Transport Patterns, Tool Curation Behavior, and Group Range Estimates: A Model-Based Exploration. *Journal of Computer Applications in Archaeology* 4(1): 254–273. DOI: <http://doi.org/10.5334/jcaa.82>
- 2021 **White, Andrew A.** A Critique of the Case for Paleoindian Caribou Hunting on the Submerged Alpena-Amberley Ridge. *PaleoAmerica* 7(4): 287–304. DOI: [10.1080/20555563.2021.1942651](https://doi.org/10.1080/20555563.2021.1942651)
- 2019 Goodyear, Albert C., **Andrew A. White**, and Joseph R. Wilkinson. Early Archaic Projectile Point Typologies in South Carolina: Are Side and Corner Notched Points Contemporary? *South Carolina Antiquities* 51:107–120.
- 2019 **White, Andrew A.** A Comparison of Functional Variability among Early Archaic Notched Points from the Lower Savannah River. *South Carolina Antiquities* 51:1–21.
- 2017 **White, Andrew A.** A Model-Based Analysis of the Minimum Size of Demographically-Viable Hunter-Gatherer Populations. *Journal of Artificial Societies and Social Simulation* 20(4) 9. DOI: [10.18564/jasss.3393](https://doi.org/10.18564/jasss.3393)
- 2016 **White, Andrew A.** A Preliminary Analysis of Haft Variability in South Carolina Kirk Points. *South Carolina Antiquities* 48:41–53.
- 2015 **White, Andrew A.** Chaos, Complexity, and a Revitalization of Four-Field Anthropology? *Reviews in Anthropology* 44(3): 142–160.

- 2014 **White, Andrew A.** Changing Scales of Lithic Raw Material Transport among Early Hunter-Gatherers in Midcontinental North America. *Archaeology of Eastern North America* 42:51–75.
- 2014 **White, Andrew A.** Mortality, Fertility, and the OY Ratio in a Model Hunter-Gatherer System. *American Journal of Physical Anthropology* 154(2):222–231.
- 2013 **White, Andrew A.** Functional and Stylistic Variability in Paleoindian and Early Archaic Projectile Points from Midcontinental North America. *North American Archaeologist* 34(1):71–108.
- 2013 **White, Andrew A.** An Abstract Model Showing that the Spatial Structure of Social Networks Affects the Outcomes of Cultural Transmission Processes. *Journal of Artificial Societies and Social Simulation* 16(3) 9.
- 2013 **White, Andrew A.** Subsistence Economics, Family Size, and the Emergence of Social Complexity in Hunter-Gatherer Systems in Eastern North America. *Journal of Anthropological Archaeology* 32(1):122–163.
- 2013 Speth, John D., Khori Newlander, **Andrew A. White**, Ashley K. Lemke, and Lars E. Anderson. Early Paleoindian Big-Game Hunting in North America: Provisioning or Politics? *Quaternary International* 285:111–139.
- 2008 **White, Andrew A.** A Developmental Perspective on Technological Change. *World Archaeology* 40(4):597–608.
- 2006 **White, Andrew A.** A Late Stage Fluted Biface from the Central Ohio Valley. *Current Research in the Pleistocene* 23:151–153.
- 2006 **White, Andrew A.** A Model of Paleoindian Hafted Biface Chronology in Northeastern Indiana. *Archaeology of Eastern North America* 34:29–59.
- 2004 **White, Andrew A.** A Paleoindian Hafted Biface Assemblage from Northeastern Indiana. *The Michigan Archaeologist Omnibus Issue 2004-2006* 50–52(1–4):41–60.
- 2003 **White, Andrew A.** Mortuary Assemblages and the Chronology of the Jack’s Reef Cluster. *The Michigan Archaeologist* 49(3–4):43–71.
- 2003 **White, Andrew A.** The Late Archaic Component of the Miles site, Clark County, Indiana. *Proceedings of the Indiana Academy of Sciences* 112(2):117–131.
- 2003 **White, Andrew A.** Temporal Variation in Late Middle Archaic Bone Pins. *Midcontinental Journal of Archaeology* 28(1):49–72.

- 2002 **White, Andrew A.** Correlation between Compression of the Proximal Tibia and Gross External Indicators of Joint Degeneration. *Proceedings of the Indiana Academy of Science* 111(2):107–116.
- 1998 **White, Andrew A.** Early and Late Albee Mortuary Components in West Central Indiana. *Indiana Archaeology* 2(1):70–143.

*Papers in Edited Volumes*

- n.d. **White, Andrew A.**, and David G. Anderson. A Large-Scale Appraisal of Paleoindian Spatial Demography in the Eastern Woodlands. In *The Paleoindian and Early Archaic Southeast*, edited by D. Shane Miller, Ashley M. Smallwood, and Jesse Tune. University of Alabama Press, Tuscaloosa (in press).
- 2019 Anderson, David G., David Echeverry, D. Shane Miller, **Andrew A. White**, Stephen J. Yerka, Eric Kansa, Sarah Witcher Kansa, Kelsey Noack Myers, Joshua J. Wells, Thaddeus G. Bissett, Christopher R. Moore, and Ashley M. Smallwood. Paleoindian Settlement in the Southeastern United States: The Role of Large Databases. In *New Directions in the Search for the First Floridians*, edited by David Thulman and Irv Garrison, pp. 241–275. University Press of Florida, Gainesville.
- 2016 **White, Andrew A.** The Sensitivity of Demographic Characteristics to the Strength of the Population Stabilizing Mechanism in a Model Hunter-Gatherer System. In *Uncertainty and Sensitivity Analysis in Archaeological Computational Modeling*, edited by Marieka Brouwer Burg, Hans Peeters, and William Lovis, pp. 113–130. Springer International, Switzerland.
- 2003 Havill, Lorena M., **Andrew A. White**, and Kimmarie A. Murphy. Skeletal Biology and Cemetery Use at the Albee Mound, Bucci, Shaffer, and Shepherd Sites. In *Facing the Final Millennium: Studies in the Late Prehistory of Indiana, A.D. 700 to 1700*, edited by Brian G. Redmond and James R. Jones III, pp. 95–113. Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis, IN.

*Book Reviews*

- 2017 **White, Andrew A.** Review of *Lost City, Found Pyramid: Understanding Alternative Archaeologies and Pseudoscientific Practices* (edited by Jeb J. Card and David S. Anderson). *American Antiquity* 82(3):623–624.

2016 **White, Andrew A.** Review of *Building the Past: Prehistoric Wooden Post Architecture in the Ohio Valley—Great Lakes* (edited by Brian G. Redmond and Robert A. Genheimer). *American Antiquity* 81(2):399–400.

*Selected Technical Reports and Report Contributions*

2020 **White, Andrew A.** *Interim Report of Archaeological Investigations at Dorn Levee #1 (38FA608), 2015–2018* (draft).

2007 **White, Andrew A.** *The Late Pleistocene and Early Holocene Occupation of the Kankakee Region of Northwest Indiana*. IPFW-AS ROI 702.

2006 **White, Andrew A.** *The Northeastern Indiana Paleoindian Project: 2005-2006 Season*. IPFW-AS ROI 601.

2006 **White, Andrew A.** *Phase II Excavations at sites 12-Wy-438, 12-Wy-441, 12-Wy-442, and 12-WY-445N, Wayne County, Indiana*. IPFW-AS ROI 525.

2005 **White, Andrew A.** *Paleoindian Chronology and Technology in Northeastern Indiana*. IPFW-AS ROI 501.

2004 McCullough, Robert G., **Andrew A. White**, Michael R. Strezewski, and Dorothea McCullough. *Frontier Interaction during the Late Prehistoric Period: A Case Study from Central Indiana*. IPFW-AS ROI 401.

2003 **White, Andrew A.**, Robert G. McCullough, and Dorothea McCullough. *Archaeological Investigations at Two Late Prehistoric Earthen Enclosures in Indiana*. IPFW-AS ROI 301.

2002 **White, Andrew A.**, Robert G. McCullough, and Dorothea McCullough. *An Archaeological Evaluation of Late Prehistoric Village and Subsistence Patterns in North-central and Northeastern Indiana*. IPFW-AS ROI 216.

2002 **White, Andrew A.** *Survey and Excavations in the Nugent East Area, Clark County, Indiana, 1998–1999*. IPFW-AS ROI 206.

2001 **White, Andrew A.** *Archaeological Investigations Associated with the Pinnacle Gaming Development Corporation River Boat Casino and Resort Complex, Switzerland County, Indiana*. GBL ROI 98-31.

2001 **White, Andrew A.** *Archaeological Resources Survey Plan for Crane Naval Surface Warfare Center, Martin and Greene Counties, Indiana*. GBL ROI 99-30.

- 2000 **White, Andrew A.**, and Patrick K. O'Brien. *Phase II Archaeological Investigations at Site 12 Mo 1126 (Onion Hill Site), Monroe County, Indiana*. GBL ROI 99-15.
- 2000 **White, Andrew A.** Groundstone Artifacts and Broken Rocks. In *The Old Runway Site (11J-1009): A Late Woodland Settlement on the Big Muddy River*, edited by Brian M. Butler, pp. 273–291. Technical Report 00-4. Center for Archaeological Investigations, Southern Illinois University, Carbondale, IL.
- 1999 **White, Andrew A.**, and Patrick K O'Brien. *An Archaeological Reconnaissance of Approximately 76 Acres Proposed for Development in Switzerland County, Indiana*. GBL ROI 99-13.
- 1998 **White, Andrew A.** *An Archaeological Reconnaissance of Approximately 70 Acres Located on the Grounds of Newport Chemical Depot, Vermillion County, Indiana, with Comment on Previous Archaeological Work Conducted within the NECD*. GBL ROI 98-38.

*Other Non-Peer-Reviewed Publications*

- 2018 **White, Andrew A.** Hidden Under Our Feet: The Big Broad Trenching Project. *Legacy* 22(2):10–11.
- 2018 **White, Andrew A.** The Broad River Archaeological Field School: Season 2. *Legacy* 22(1):4–6.
- 2017 **White, Andrew A.** The First Radiocarbon Dates from 38FA608. *Legacy* 21(2):10–11.
- 2017 **White, Andrew A.** The Broad River Archaeological Field School: Season 1. *Legacy* 21(1):18–20.
- 2016 **White, Andrew A.** The Research Potential of Large Surface Collections: The Larry Strong Example. *Legacy* 20(2):14–15.
- 2015 **White, Andrew A.** Exploring the Buried Archaic Archaeology of South Carolina. *Legacy* 19(2):32.
- 2003 **White, Andrew A.** Summary Report of Excavations at the Clark's Point Site. *Currents of Change* 1(1):95.

### *Published Agent-Based Models*

- 2021 **White, Andrew A.** Style\_Net\_01. *CoMSES Computational Model Library*.  
<https://www.comses.net/codebases/dcb8e3db-fd0a-41f7-a6ae-9c16118440ac/releases/1.0.0/>
- 2016 **White, Andrew A.** ForagerNet3\_Demography\_V3. *CoMSES Computational Model Library*. <https://www.openabm.org/model/5300/version/1>
- 2014 **White, Andrew A.** ForagerNet3\_Demography\_V2. *CoMSES Computational Model Library*. <http://www.openabm.org/model/4087/version/1>
- 2013 **White, Andrew A.** ForagerNet3\_Demography: A Non-Spatial Model of Hunter-Gatherer Demography. *CoMSES Computational Model Library*.  
<http://www.openabm.org/model/3978/version/2>
- 2013 **White, Andrew A.** FamilyNet. *Journal of Anthropological Archaeology* 32(1):122163 (Supplementary Content).
- 2012 **White, Andrew A.** TechNet\_04: Cultural Transmission in a Spatially-Situated Network. *CoMSES Computational Model Library*.  
<http://www.openabm.org/model/3257/version/1>

### **Professional Presentations**

#### *Conference Symposia*

- 2016 **White, Andrew A.** *Hunter-Gatherer Societies of the Late Pleistocene and Early Holocene Southeast*. Symposium organized for Southeastern Archaeology Conference annual meeting, Athens, GA.
- 2012 **White, Andrew A.**, and Sarah Surface-Evans. *Resources, Networks, Landscapes, and Family: Recent Directions in Hunter-Gatherer Research*. Symposium organized for Society for American Archaeology annual meeting, Memphis, TN.

#### *Conference Papers*

- 2020 Goodyear, Albert C., **Andrew A. White**, and Joseph R. Wilkinson. Studying the Early Archaic Period in South Carolina Using Existing Projectile Point Typologies. Archaeological Society of South Carolina annual conference, Columbia, SC.



- 2019 **White, Andrew A.** The Size and Structure of Eastern Paleoindian Social Groupings: What We Do and Do Not Know. Southeastern Archaeological Conference, Jackson, MS.
- 2018 **White, Andrew A.** Patterns of Artifact Variability and Changes in the Social Networks of Paleoindian and Early Archaic Hunter-Gatherers in the Eastern Woodlands: A Critical Appraisal and Call for a Reboot. Society for American Archaeology annual meeting, Washington, D.C.
- 2018 **White, Andrew A.** Romans in Nova Scotia? Strategic Lessons from #Swordgate. Lightning Talk, Society for American Archaeology annual meeting, Washington, D.C.
- 2018 Anderson, David G., Thaddeus G. Bissett, Martin Walker, Stephen J. Yerka, Eric C. Kansa, Sarah Whitcher Kansa, D. Shane Miller, Joshua J. Wells, J. Christopher Gillam, Albert C. Goodyear, and **Andrew A. White.** The Future of South Carolina Archaeology: The Role of Large Scale Data Management. Archaeological Society of South Carolina annual conference, Columbia, SC.
- 2017 **White, Andrew A.,** and David G. Anderson. Structure, Density, and Movement: Large-Scale Datasets and Basic Questions about Early Foraging Societies in the Eastern Woodlands. Southeastern Archaeological Conference, Tulsa, OK.
- 2016 **White, Andrew A.** Social Implications of Large-Scale Demographic Change during the Early Archaic Period in the Southeast. Southeastern Archaeological Conference, Athens, GA.
- 2016 **White, Andrew A.** Houses, Points, Radiocarbon Dates, and Other No-Brainers. Digital Data Interest Group Lighting Talk, Society for American Archaeology annual meeting, Orlando, FL.
- 2016 **White, Andrew A.** The Kirk Project and the Early Archaic of South Carolina. Archaeological Society of South Carolina annual conference, Columbia, SC.
- 2014 **White, Andrew A.** Marriage, Mortality, and Middle Paleolithic Families: Implications of a Model-Based Analysis. Society for American Archaeology annual meeting, Austin, TX.
- 2013 **White, Andrew A.** Mobility, Exchange, and Patterns of Raw Material Transport during the Early Archaic Period in the Midcontinent. Midwest Archaeological Conference, Columbus, OH.

- 2012 **White, Andrew A.** Subsistence Economics, Family Size, and the Emergence of Social Complexity in Hunter-Gatherer Systems in Eastern North America. Society for American Archaeology annual meeting, Memphis, TN.
- 2010 **White, Andrew A.** Large-scale Patterns of Variability and Change in Paleoindian and Early Archaic Hafted Bifaces in Indiana. Midwest Archaeological Conference, Bloomington, IN.
- 2010 **White, Andrew A.** A Computational Exploration of the Effects of Network Structure on the Outcomes of Cultural Transmission Processes. Society for American Archaeology annual meeting, St. Louis, MO.
- 2007 **White, Andrew A.** Late Pleistocene/Early Holocene Technological Change in Northern Indiana: Current Research. Midwest Archaeological Conference, South Bend, IN.
- 2006 **White, Andrew A.** An Exploration of the Ballistic Properties of Paleoindian Hafted Bifaces from Northern Indiana. Midwest Archaeological Conference, Urbana, IL.
- 2005 **White, Andrew A.**, and Robert G. McCullough. Geophysical Survey and Excavation of a Semi-subterranean Structure at the Castor Farm Site (12-H-3), a Late Prehistoric Village in Central Indiana. Central States Anthropological Society annual meeting, Oxford, OH.
- 2002 **White, Andrew A.**, and Robert G. McCullough. Construction, Use, and Deterioration of Two Late Prehistoric Earthen Enclosures in Indiana. Midwest Archaeological Conference, Columbus, OH.
- 1998 Havill, Lorena M., **Andrew A. White**, and Kimmarie A. Murphy. Bioarchaeological Analysis of Four Late Woodland Mortuary Populations from West Central Indiana. Midwest Archaeological Conference, Muncie, IN.
- 1993 **White, Andrew A.** A Preliminary Investigation of Late Woodland Populations in West Central Indiana. Indiana Academy of Sciences meeting, West Lafayette, IN.

*Poster Presentations*

- 2015 Kansa, Sarah, Eric Kansa, **Andrew A. White**, Stephen Yerka, and David G. Anderson. DINAA and Bootstrapping Archaeology's Information Ecosystem. Society for American Archaeology annual meeting, San Francisco, CA.

- 2014 David G. Anderson, Stephen J. Yerka, Eric C. Kansa, Sarah W. Kansa, Joshua J. Wells, Thaddeus G. Bissett, R. Carl DeMuth, and Kelsey Noack Myers, and **Andrew A. White**. Linking Archaeological Data at a Large Scale. Southeastern Archaeological Conference, Greenville, SC.
- 2014 Joshua J. Wells, **Andrew A. White**, Eric Kansa, Sarah W. Kansa, Stephen J. Yerka, David G. Anderson, Thaddeus Bissett, Kelsey Noack Myers, and R. Carl Demuth. Changing Households and Rising Seas: Two Perspectives on the Potential of Using the Digital Index of North American Archaeology (DINAA) to Link Datasets. Midwest Archaeological Conference, Champaign, IL.
- 2011 **White, Andrew A.**, and Robert E. Whallon. Conjoining Artifacts as Indicators of Site Occupational History at Havelte H1 (poster). Society for American Archaeology annual meeting, Sacramento, CA.
- 2005 **White, Andrew A.** Paleoindian Chronology in Northeastern Indiana. Midwest Archaeological Conference, Dayton, OH.
- 2004 **White, Andrew A.** Variability in a Paleoindian Hafted Biface Assemblage from Northeastern Indiana. Midwest Archaeological Conference/Southeast Archaeological Conference, St. Louis, MO.

#### *Workshops*

- 2018 **White, Andrew A.** Excavations at Dorn Levee #1 (38FA608). Terminal Late Archaic Roundtable, Southeastern Archaeological Conference, Augusta, GA.
- 2008 **White, Andrew A.** Technological Development as a Nonlinear Process: Implications for the Early Paleoindian Record in the Great Lakes. *Early Paleoindian Colonization of the North American Midcontinent* invited workshop, Urbana, IL.

#### **Service**

Ad hoc reviewer: *American Antiquity*; *American Journal of Physical Anthropology*; *Current Anthropology*; *Journal of Anthropological Archaeology*; *Journal of Archaeological Method and Theory*; *Journal of Archaeological Science: Reports*; *Journal of Artificial Societies and Social Simulation*; *Midcontinental Journal of Archaeology*; *National Science Foundation*; *North American Archaeologist*; *PaleoAmerica*; *Social Science Computer Review*; *Southeastern Archaeology*

- 2015 Member, South Carolina State Board of Review, National Register of Historic Places
- 2005 Member, Legislative Committee of the Indiana Archaeology Council
- 2004 Member, Historic Preservation Strategy for Allen County Committee
- 2004 Member, Historic and Cultural Facilities Work Group for development of Fort Wayne/Allen County Comprehensive Plan

## **Outreach**

### *Invited Presentations*

- 2021 Out of the Plains and Across the Prairie: Toward and Explanation of Late Pleistocene and Early Holocene Demographic Expansions from the West to the East. Illinois State Archaeological Survey Virtual Lecture Series.
- 2020 The Spatial Demography of Early Foraging Societies in the Eastern Woodlands. Texas A & M University, Department of Anthropology Invited Presentation, College Station, TX.
- 2020 Demography, Complex Systems Theory, and Cultural Evolution. Invited presentation for Economic Archaeology course (ANTH 498) at Texas A & M University, Department of Anthropology, College Station, TX.
- 2019 The Archaeology of the Dorn Levees. South Carolina Tree Farm Field Tour, Fairfield County, SC.
- 2017 Natural and Cultural Deposits at 38FA608. South Carolina Institute of Archaeology and Anthropology Research Luncheon, Columbia, SC.
- 2017 Kirk Projectile Points and the Early Archaic Societies of the Coastal Plain. Augusta Archaeological Society Invited Presentation, Augusta, GA.
- 2016 Archaeology and Pseudoscience in the Internet Age. South Carolina Institute of Archaeology and Anthropology Research Luncheon, Columbia, SC.
- 2016 Anthropology and Pseudoscience in the Internet Age: Understanding the Battlefield and Winning the War. University of Mercer Beta Beta Beta Invited Presentation, Macon, GA.

- 2015 The Emergence of Social Complexity during the Eastern Archaic. South Carolina Institute of Archaeology and Anthropology Research Luncheon, Columbia, SC.
- 2014 The Eastern Woodlands Household Archaeology Data Project: A Pragmatic Approach to a Real Problem. Presented to the Digital Index of North American Archaeology (DINAA) Workshop, Knoxville, TN.
- 2011 Home Economics and the Emergence of Social Complexity in Prehistoric Eastern North America. University of Michigan Museum of Anthropology's Brown Bag series, Ann Arbor, MI
- 2010 Understanding the Social Networks of Paleoindian and Early Archaic HunterGatherers in Eastern North America. Lecture presented at the University of Paris X, Nanterre, France and at the University of Tuebingen, Tuebingen, Germany. The Early Peoples of the Midcontinent: Understanding Technologies, Traditions, and Social Networks. Presented to the Little Turtle Archaeological Research Society, Columbia City, IN.
- 2010 Working Towards Understanding Hunter-Gatherer Social Networks through Material Remains. University of Michigan Museum of Anthropology's Brown Bag series, Ann Arbor, MI.
- 2010 From Artifacts to Prehistoric Social Networks? Presented at Grand Valley State University, Allendale, MI.
- 2009 Working Towards a Computational Solution to an Archaeological Problem: Style, Boundaries, and Social Networks. Complex Systems Advanced Academic Workshop, University of Michigan, Ann Arbor, MI.
- 2009 "Style," Social Networks, and the Interpretation of Spatial Discontinuities in Material Culture in the Archaeological Record. Graduate Workshop on Archaeology and Material Culture, University of Michigan, Ann Arbor, MI.
- 2009 The Early Peoples of Central Indiana: Understanding Technologies, Traditions, and Social Networks. Presented at Strawtown Koteewi Park, Strawtown, IN.
- 2008 Technological Change at the End of the Ice Age: What is going on in the Great Lakes? Presented to the Toledo Area Archaeological Research Society, Toledo, OH.

- 2007 Paleoindians of Indiana. Presented to the Falls of the Ohio Archaeological Society, Clarksville, IN.
- 2006 Paleoindians at the End of the Ice Age. Presented to the Blanchard River Archaeological Society, Findlay, OH.
- 2006 The Paleoindians of Northern Indiana. Presented to the Kankakee Valley Historical Society, Kouts, IN.
- 2006 Into the Divide: Big Game, Small Game, and the Birth of Regional Native American Cultures at the End of the Ice Age. Presented as part of the Dunshire Family Monthly Lecture Series at the History Center, Fort Wayne, IN.
- 2005 Early Hunter-Gatherers in Northeastern Indiana: Data, Guesses, and Ideas. Presented to the Little Turtle Archaeological Research Society, Columbia City, IN.
- 2005 Early Hunter-Gatherers in Northeastern Indiana: Data, Guesses, and Ideas. Presented to the Kosciusko County Archaeological Society, Warsaw, IN.
- 2005 The Farrell Hanna Collection and the Early Prehistory of Northeastern Indiana. Presented to the DeKalb County Historical Society, Butler, IN.
- 2005 The First Millennia: Paleoindians and the Early Prehistory of Northeastern Indiana, 11,000-8,000 B.C. Presented to the Little Turtle Archaeological Research Society, Columbia City, IN.
- 2004 Late Archaic Households and Rise of Inequality in the Ohio Valley. Presented to the Falls of Ohio Archaeological Society, Clarksville, IN.
- 2004 Late Archaic Households and Rise of Inequality in the Ohio Valley. Luncheon Lecture Series, IPFW Anthropology Club, Fort Wayne, IN.
- 2003 The First Millennia: Allen County and the Early Prehistory of Indiana, 10,000-6000 B.C. Presented at the Allen County History Center, Fort Wayne, IN.
- 2000 The Hard Work of Science: Archaeological Research in Crane and Missing Pieces of Indiana Prehistory. Presented at Crane Naval Surface Warfare Center in honor of Crane Native American Indian Heritage Month, Crane, IN.

*Other Outreach Activities*

- 2021 Participant, *Archaeological Workshop Identifying Prehistoric Artifacts and Cultures of the Wabash Valley* (Central Wabash Archaeological Society, Robinson, IL)

- 2018 Consultant, *Dr. Larry Strong Artifact Exhibit* (University of South Carolina – Salkehatchie, Salkehatchie, SC)
- 2018 Member of Selection Committee, Arkhaios Film Festival (South Carolina)
- 2005 Designed and presented a series of archaeology programs for children and parents through Science Central's *Lunch with a Scientist* program (Fort Wayne, IN)
- 2005 Directed excavations associated with a family archaeology camp in conjunction with Science Central, the Fort Wayne Parks & Recreation Department, and the Little River Wetlands Project (Allen County, IN)
- 2002 Extensive interaction with public and media during excavations at Strawtown Koteewi Park (2002–2006)
- 1997 Mentor for 8<sup>th</sup> grade student performing research, Southern Illinois University (Carbondale, IL)
- 1996 Assisted in supervising school groups during a laboratory archaeology program developed by Jeannette Stephens and Lee Newsom at Southern Illinois University (Carbondale, IL)
- 1995 Supervised *Passport in Time* volunteers doing laboratory work on lithic collections from the Dillow's Ridge site, Southern Illinois University (Carbondale, IL)

## **Grants and Fellowships**

- n.d. Research Grant (requested December 2021: \$215,947), National Science Foundation, *Societies at the Edge: Large-Scale, Long-Term Spatial Population Dynamics in the Wabash River Valley in Illinois*
- 2021 Technology and Training Grant (\$18,920), National Parks Service, *Electromagnetic Induction as a Tool for Archaeological Prospection and Damage Assessment: Developing Best Practices* (co-PI with Robert McCullough)
- 2019 Research Grant (\$9,966), Office of Research, University of South Carolina, *Exploration of the Deep Archaeology of 38FA608 (Dorn Levee #1)*

- 2018 Research Grant (\$2,979), Archaeological Research Trust, *Cataloging and Preliminary Analysis of Middle and Late Archaic Artifacts in the Larry Strong Collection*
- 2017 Research Grant (\$2,908), Archaeological Research Trust, *Going Early and Staying Late: Targeted Archaic Excavations at Dorn Levee #1 (38FA608)*
- 2017 Research Grant (\$7,319), Provost Internal Grant Program, University of South Carolina, *Finding the Family in South Carolina Prehistory*
- 2016 Research Grant (\$3,701), Archaeological Research Trust, *Excavations at 38FA608*
- 2015 Research Grant (\$2,902), Archaeological Research Trust, *Cataloging and Preliminary Analysis of the Larry Strong Collection*
- 2011 Rackham Predoctoral Fellowship, University of Michigan
- 2010 Graduate Student Research Grant (dissertation/travel), Rackham Graduate School, University of Michigan
- 2010 James B. Griffin Endowment Fellowship, University of Michigan
- 2009 Fieldwork Support Grant (dissertation), Department of Anthropology, University of Michigan
- 2008 Graduate Student Research Grant (travel), Rackham Graduate School, University of Michigan
- 2007 Fieldwork Support Grant (dissertation), Department of Anthropology, University of Michigan
- 2006 Research Grant (\$27,675), Department of the Interior Historic Preservation Fund (administered by the Indiana Department of Natural Resources), *Footprints in the Kankakee Sand: Late Pleistocene and Early Holocene Cultural Dynamics in Northwestern Indiana* (co-PI with Robert McCullough)
- 2005 Research/Education Grant (\$189,833), National Science Foundation, *REU: Undergraduate Research Experience in Application of Geophysical Methods to the Archaeology of Late Prehistoric Central Indiana* (co-PI with Robert McCullough)
- 2005 Research Grant (\$35,198), Department of the Interior Historic Preservation Fund (administered by the Indiana Department of Natural Resources), *Late Paleoindian Interaction and Chronology at the Headwaters: A Survey, Education, and Data Enhancement Project* (co-PI with Robert McCullough)



- 2004 Research Grant (\$12,000), Indiana University-RUGS Research Fund, *Geophysical Survey at the Castor Farm Archaeological Site, Hamilton County, Indiana* (with Robert McCullough)
- 2004 Research Grant (\$21,043), Department of the Interior Historic Preservation Fund (administered by the Indiana Department of Natural Resources), *Paleoindian Dynamics in Northeastern Indiana: A Survey, Education, and Data Enhancement Project* (co-PI with Robert McCullough)
- 2004 Equipment Grant (\$92,961), National Science Foundation, *RUI: Acquisition of Geophysical Survey Instruments for Archaeological Research and Training* (co-PI with Robert McCullough)

## **Awards**

- 2008 Outstanding Graduate Student Instructor Award, Department of Anthropology, University of Michigan
- 2003 Cultural Resources Management Award, Department of the Navy to Crane Division, Naval Surface Warfare Center
- 1995 Nomination for the Morris Fellowship, Southern Illinois University
- 1994 Honorable Mention, National Science Foundation Graduate Research Fellowship Competition
- 1992 Founders Day Award, Indiana University

## **Analytical Expertise**

### *Lithic Analysis*

- Analysis of tool and debitage assemblages conducted at spatial scales ranging from single sites to multiple states;
- Analysis of variability among Paleoindian and Early Archaic projectile points conducted using both 2D and 3D datasets.

### *Model-Based Analysis*

- Construction and use of agent-based models as theory-building tools to generate insights into relationships between human social behaviors and their archaeological outcomes (target topics include demography, mobility, social networks, and the links between patterns of variability in stone tools and the structure of the social relationships that underlie those patterns).

### *Spatial and Quantitative Analysis*

- Analysis of large datasets to understand the structure of variability in the data and how that structure is patterned with regard to space (data include model data as well as archaeological data on phenomena such as projectile points, houses, and features);
- Morphometric data, GIS, exploratory data analysis (EDA).

## **Selected Archaeological Fieldwork**

### *Data Recovery Excavations*

2016–2020	PI, field school excavations at 38FA608, Fairfield County, SC.
2018	PI, Big Broad Trenching Project, Fairfield County, SC.
2012	Archaeologist, excavation of Middle Paleolithic deposits at Crvena Stijena, Montenegro.
2008	Archaeologist, excavation of Middle Paleolithic deposits at Crvena Stijena, Montenegro.
2006	Field Supervisor/Instructor, field school excavations at 12-Ko-492 (the Valentine site), Kosciusko County, IN.
2006	Field Assistant/Crew Chief, mitigation of buried site 12-CI-740, Clark County, IN.
2004	Field Supervisor, excavations at 12-H-883 (Strawtown Enclosure), Hamilton County, IN.
2003–2004	Field Supervisor/Instructor, field school excavations at 12-H-3 (Castor Farm site), Hamilton County, IN.

- 2003 Field Supervisor, excavations at 12-H-883 (Strawtown Enclosure), Hamilton County, IN.
- 2002 Co-PI, excavations at 12-Cl-3 (Clark's Point site), Clark County, IN.
- 2002 Co-PI, subsurface assessment of site 12-Ko-492, Kosciusko County, IN.
- 2001 Co-PI, mitigation of site 12-Wy-289 (the Boyd site), Wayne County, IN.
- 1999 Field Assistant, mitigation of site 12-Sw-351 (Webster site) in area of proposed river boat gaming facility, Switzerland County, IN.

*Surveys and Testing*

- 2006 Co-PI, Northern Indiana Paleoindian Project (2006–2007 season).
- 2005 Field Assistant/Crew Chief, subsurface assessment of five sites in Lake County, IN.
- 2005 Co-PI, Northern Indiana Paleoindian Project (2005–2006 season).
- 2004 Co-PI, Northern Indiana Paleoindian Project (2004–2005 season).
- 2004 Field Assistant, subsurface reconnaissance of a 26-acre portion of Ohio River floodplain, Clark County, IN.
- 2003 Field Assistant, subsurface assessment of 15-Cl-67 (Hayes site), Carroll County, KY.
- 2003 Field Supervisor, subsurface reconnaissance/excavations of the Taylor Property, Hamilton County, IN.
- 2000 Co-PI, sampling survey of 400 acres within Crane Naval Surface Warfare Center, Martin and Greene Counties, IN.
- 1993–2000 Field Technician/Field Supervisor, numerous CRM surface surveys, Phase Ib and Phase II excavation projects through the Glenn A. Black Laboratory of Archaeology (details available)

- 1995 Field Assistant, reconnaissance of the windward coast of Rota, Commonwealth of the Northern Mariana Islands.
- 1993 Research Assistant to Cheryl Munson and Patrick Munson, geomorphological/archaeological research on ancient earthquakes in Indiana.

*Geophysical Investigations*

- 2021–present Electromagnetic induction survey of selected earthen mound sites in Illinois
- 2005–2006 Field Supervisor/Instructor, geophysical investigations and excavations in Strawtown Koteewi Park, Hamilton County, IN (NSF REU).
- 2003–2004 Field Supervisor/Instructor, geophysical survey at 12-H-3 (Castor Farm site), Hamilton County, IN.

**Professional Affiliations**

Midwest Archaeological Conference

Society for American Archaeology

Southeastern Archaeological Conference