

SARAH E. SCATTERGOOD-CRAPNELL

Illinois State Archaeological Survey
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Education

2013 BA Anthropology, University of Illinois at Urbana-Champaign, Urbana, IL 61801
Concentration in Archaeology

Professional Appointments

Senior Scientific Specialist, Archaeology

Illinois State Archaeological Survey—Central Offices, Prairie Research Institute, University of Illinois at Urbana-Champaign

Feb 2024–present

Function: Serve as research archaeologist, author, reviewer, and coordinator of federal and mandated archaeological survey and compliance projects.

Duties: Same as Archaeological Projects Coordinator duties listed below, with the addition of acting as project liaison to provide project information to IDOT, ISAS, and Federally recognized Tribes with expressed interests within the State of Illinois; conducting geophysical survey, data processing, analysis and interpretation; coordinating with ISAS data management team, Collaborative Research Engagement Section, and Transportation Section for the tracking of expressed Tribal concerns regarding ongoing IDOT projects.

Archaeological Projects Coordinator

ISAS—Central Offices, PRI, UIUC

Jan 2017–Feb 2024

Duties: Facilitate the flow of information between IDOT and ISAS field stations and/or ISAS architectural section, from initial survey requests to the completion and submittal of archaeological survey and testing short reports; contribute to the authorship, editing, review, assembly, and submission of Section 106 compliance reports to IDOT; maintain the ISAS Archaeological Projects Database, the Illinois CRM Report Archive Database, and archaeological and architectural project files; post relevant documents to the Project Notification System and send notifications to interested parties in order to ensure compliance with standing agreements; prepare and distribute reports on the status of outstanding projects as needed; contribute to the production of ISAS and IDOT annual reports; engage in field projects, primarily geophysical surveys, as needed and assist with data processing; train and oversee other staff in the completion of the above listed duties; and participate in public outreach that highlights ISAS activities.

Dec 2021–Feb 2024

Duties: Facilitate the flow of information between IDOT Districts, IDOT Cultural Resource Unit, and ISAS Central Offices (Transportation Section). As needed, includes initial review of Environmental Survey Requests and Borrow Site Reviews for completeness and accuracy; communicate directly with various IDOT offices; notify IDOT CRU Chief Archaeologist when ESR or borrow is ready for review; at the Chief Archaeologist's direction, notify IDOT Architectural Historian and/or ISAS Transportation Section of need for architectural review or archaeological survey; assist IDOT with the preparation and tracking of Tribal communications, in coordination with the Federal Highway Administration and Federal Aviation Administration, for Section 106 projects; provide IDOT Districts and ISAS Transportation Section with cultural clearance memos; enter relevant information into IDOT project tracking applications; maintain IDOT project files in shared O:drive; prepare spreadsheets to be provided to the State Historic Preservation Office; and train and oversee/coordinate with other staff in the completion of the above listed duties.

Assistant Staff Archaeologist

Sept 2016–Jan 2017

ISAS–Central Illinois Field Station, PRI, UIUC

Duties: Produce survey reports with associated maps, figures, and tables; direct Phase I archaeological surveys and train crew in appropriate field methodology; participate in Phase I and II field projects; identify, delineate, and record locations of archaeological sites; conduct preliminary research for Phase I field surveys and train crew in research protocols; identify cultural materials and complete artifact inventories; supervise and train crew in laboratory processes; perform geophysical surveys and assist with data processing.

Archaeological Specialist III

Dec 2015–Sept 2016

ISAS–CIFS, PRI, UIUC

Duties: Supervise Phase I archaeological surveys; prepare survey reports; participate in Phase I and II field projects; advise crew in material processing; conduct preliminary research for Phase I field projects; perform geophysical surveys and assist with data processing.

Archaeological Specialist I

Feb 2014–Dec 2015

ISAS–CIFS, PRI, UIUC

Duties: Perform Phase I and II field surveys and associated laboratory processing; assist with preliminary research for Phase I field projects; assist with preparation of survey reports; lead field crew in the completion of small Phase I field projects under supervision; perform geophysical surveys and assist with data processing.

Additional Education and Certifications

- 2025 *A Guide to the ACHP Program Comment on Certain Housing, Building, and Transportation Undertakings*. E-learning course, Advisory Council on Historic Preservation.
- 2025 *Early Coordination with Indian Tribes for Infrastructure Projects*. E-learning course, Advisory Council on Historic Preservation.
- 2025 *Successfully Navigating Section 106 Review: An Orientation for Applicants*. E-learning course, Advisory Council on Historic Preservation
- 2025 *Consultation Partnerships: Lessons Learned at DoD*. Online Seminar, Society for American Archaeology, presented by Dr. Laurie W. Rush.
- 2025 Adult First Aid/CPR/AED Training, American Red Cross
- 2025 *Section 106 Essentials for IDOT Trained Staff*. Section 106 Programmatic Agreement, hosted by IDOT Cultural Resources Unit (CRU).
- 2024 Native American Graves Protection and Repatriation Act (NAGPRA) Training (*NAGPRA Training: Regulatory Updates*), hosted by Krystiana Krupa, NAGPRA Program Officer, Office of the Vice Chancellor for Research and Innovation (OVCRI), UIUC
- 2023 Adult First Aid/CPR/AED Training, American Red Cross
- 2022 *Early Coordination with Indian Tribes for Infrastructure Projects*. E-learning course, Advisory Council on Historic Preservation.
- 2022 *Basics of NEPA and Section 106 Integration*. E-learning course, Advisory Council on Historic Preservation
- 2022 *Successfully Navigating Section 106 Review*. E-learning course, Advisory Council on Historic Preservation
- 2022 *What is Section 106*. E-learning course, Advisory Council on Historic Preservation
- 2021 Native American Graves Protection and Repatriation Act (NAGPRA) Training (*Understanding NAGPRA: Repatriation in Illinois*), hosted by Melanie O'Brien of the National NAGPRA Program
- 2019 Cemetery Restoration Workshop, hosted by Dawn Cobb of the Illinois Department of Natural Resources
- 2018 Emergency Care & Safety Institute (ECSI) Adult, Child, & Infant CPR & AED, Standard First Aid Course, University of Illinois Fire Service Institute
- 2011-13 Volunteer (2011), Independent Study (2012), Honors Senior Thesis (2013) with the Historical Archaeology Lab, Department of Anthropology, UIUC

Unpublished Reports and Report Contributions

- 2025 75 Archaeological Survey Short Reports reviewed and/or assembled
- 2024 106 Archaeological Survey Short Reports reviewed and/or assembled
- 2023 117 Archaeological Survey Short Reports reviewed and/or assembled
- 2022 10 Archaeological Survey Short Reports reviewed and/or assembled
- 2021 48 Archaeological Survey Short Reports reviewed and/or assembled

- 2020 53 Archaeological Survey Short Reports reviewed and/or assembled
- 2019 80 Archaeological Survey Short Reports reviewed and/or assembled
- 2018 100 Archaeological Survey Short Reports reviewed and/or assembled
- 2017 138 Archaeological Survey Short Reports reviewed and/or assembled
- 2017 2 Archaeological Survey Short Reports authored or co-authored
- 2016 18 Archaeological Survey Short Reports authored or co-authored
- 2015 7 Archaeological Survey Short Reports authored or co-authored

Select Reports

- 2018 Maps, Tables, and Site Summaries contributed to *Archaeological Reconnaissance of the Proposed FA 322 (US 51) Corridor from the Marion/Jefferson County Line to the Christian/Shelby County Line* (edited by Brian Adams and Daniel R. Smith). Illinois State Archaeological Survey Technical Report No. 174, University of Illinois at Urbana-Champaign.
- 2017 Rachel Lawrence, Brian Adams, Daniel Smith, Spencer Skadden, **Sarah Scattergood**. *Improvements to Township Road 139*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2016 Barnes, Michael, **Sarah Scattergood**, Thomas Crapnell, Brian Adams, Matthew Cross. *FAP 836/IL 49 Roadway Widening*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2016 **Scattergood, Sarah**, Thomas Crapnell, Michael Barnes, Brian Adams, Matthew Cross. *FAU 3771/151st Street Road Widening*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2016 **Scattergood, Sarah**, Brian Adams, Spencer Skadden, Matthew Cross. *CH 20/Denmark Road Improvements*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2016 Barnes, Michael, Spencer Skadden, **Sarah Scattergood**, Daniel Smith, Thomas Loebel, Matthew Cross. *FAU 320 CH 74 Laraway Road*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2015 Barnes, Michael, Spencer Skadden, Brian Adams, **Sarah Scattergood**, Matthew Cross. *East Side Highway, I-74 Southeast of Bloomington to I-55 near Towanda, Addendum D*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.
- 2015 Skadden, Spencer, **Sarah Scattergood**, Brian Adams. *FAS 686 CH 6 Cline Orchard Road Repavement, Regrading and Replacement*. Archaeological Survey Short Report. Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign.

Professional Presentations

Conference Papers

- 2024 Ferree, Tyler, Robert McCullough, **Sarah Scattergood**, and Marie Meizis. Geophysics and Community Organization from Northern Illinois to Mississippi. Paper presented at the 68th Annual Meeting of the Illinois Archaeological Survey, Champaign, IL.

Poster Presentations

- 2017 McCullough, Robert, Tom Crapnell, Rachel Lawrence, Thomas Loebel, **Sarah Scattergood**, Spencer Skadden, Jacob Skousen, and Daniel Smith. Geophysical Survey at the Langford/Mississippian Noble-Wieting Site (11ML24) in McLean County, Illinois. Poster presented at the 61st Annual Meeting of the Illinois Archaeological Survey, Carbondale, IL.
- 2017 McCullough, Robert, Tom Crapnell, Rachel Lawrence, Thomas Loebel, **Sarah Scattergood**, Spencer Skadden, Jacob Skousen, and Daniel Smith. Geophysical Survey at the Multi-Ethnic Noble-Wieting Site (11ML24) in McLean County, Illinois. Poster presented at the 61st Annual Meeting of the Midwest Archaeological Conference, Indianapolis, IN.

Service

- 2025 Member, ISAS Search Committee to hire Visiting Scientific Specialist, Archaeological Data Preservation for Central Offices
- 2024 Contributor, IDOT Transportation Review for Environmental Compliance (TREC) Web Application Development
- 2024 Reader/Tester, ISAS Electromagnetic Induction (EMI) Manual Development, funded by National Park Service
- 2023-24 Member, ISAS Data Committee with the Director, Curation, and GIS-Data Stewardship
- 2023 Member, ISAS Search Committee to hire Senior Scientific Specialist, Archaeology for Central Offices and/or American Bottom Field Station
- 2022 Member, IDOT Cultural Resources Unit Working Group for New Project Monitoring Application
- 2022 Member, ISAS Search Committee to hire Scientific Specialist, Archaeology for Central Offices
- 2022 Member, ISAS Search Committee to hire Senior Scientific Specialist, Archaeology for Central Offices
- 2021 Member, ISAS Search Committee to hire Research Archaeologists for Northern Illinois Field Station
- 2021 Member, PRI Employee Recognition Program, Outstanding New Support Staff and Distinguished Support Staff Awards Committee
- 2020 Chair, PRI Employee Recognition Program, Outstanding New Support Staff and Distinguished Support Staff Awards Committee
- 2020 Member, ISAS Search Committee to hire Architectural Historian for Central Offices
- 2019 Member, ISAS Search Committee to hire Senior Architectural Archaeologist, New Section Head for Central Offices
- 2019 Member, ISAS Search Committee to hire Architectural Historian for Central Offices
- 2019 Member, ISAS Search Committee to hire Historic Architectural Research Specialist for Springfield Histories Laboratory
- 2019 Member, ISAS Promotions Committee
- 2019 Member, ISAS Intranet Committee
- 2019 Member, PRI Service and Collaboration Focus Group

Outreach

- 2021 Moderator for the ISAS Virtual Lecture Series.
- 2020 Demonstrated the Emerald Acropolis augmented reality app at the Prehistoric Artifact Show at the Dickson Mounds Museum.
- 2019 Demonstrated the Emerald Acropolis augmented reality app at the reception for the 63rd Annual Meeting of the Illinois Archaeological Survey in Collinsville, IL.
- 2019 Assisted with tent display for Archaeology Day at Cahokia Mounds State Historic Site.
- 2019 Demonstrated the Emerald Acropolis augmented reality app at Illini Fest Chicago.
- 2019 Met with Illinois legislators in order to promote ISAS at the PRI New Legislator Event in Champaign, IL.
- 2018 Demonstrated the Emerald Acropolis augmented reality app at the Ancient Cahokia Future Visions Conference in Champaign, IL.
- 2014 Assisted with conclusion of poster session for the 2014 Midwest Archaeological Conference in Champaign, IL.

Awards

- 2019 Outstanding New Support Staff Award, PRI Employee Recognition Program

Selected Archaeological Fieldwork

Geophysical Surveys

- 2015-25 Participated in ca. 62 geophysical surveys using a Bartington Grad601-2 dual gradiometer, Geonics EM38 MK2, RM85 Resistance Meter System, and/or RM Frobisher TAR-3 Resistance Meter.
- 2025 **Trainer**, Ware (11U31), Mississippian mound center west of Jonesboro, IL. Magnetometry survey.
- 2025 Linn or Linn-Heilig (11U28), embanked Mississippian mound center northeast of McClure, IL. Magnetometry survey funded by Illinois Archaeological Survey grant.
- 2025 **Trainer**, Kaskaskia Wetland Bank project east of Ramsey, IL. Magnetometry survey at five precontact sites (11FY650, 11FY651, 11FY653, 11FY654, 11FY655) prior to archaeological testing for the Illinois Department of Transportation.
- 2024 Brooklyn (11S1769, 11MS2329), unmarked historic cemetery in Brooklyn, IL. Magnetometry and electromagnetic induction survey as part of continued ISAS partnership with community leaders in the Historical Society of Brooklyn Illinois (HSOBI) and coordination with the Brooklyn Mayor's Office, Illinois Department of Natural Resources, Illinois State Historic Preservation Office, and St. Clair County Genealogical Society.
- 2024 Historic Nauvoo, IL. Magnetometry, electromagnetic induction, and soil resistivity survey conducted for Western Illinois University Archaeology Field School.

- 2024 Otter Creek/Asbel Group (11F141), mound group and Oneota habitation site near Enion, IL. Magnetometry survey.
- 2024 "This Old House" Experimental Archaeology (reconstructed Mississippian temple) in Champaign, IL. Electromagnetic induction and soil resistivity survey conducted for a collaborative archaeology/curation field school with the Institute for Field Research, ISAS, and UIUC Department of Anthropology.
- 2024 Larson (11F3), Mississippian fortified village and mound site near Sepo, IL. Magnetometry survey.
- 2023-24 Cahokia (11S34, 11MS2), Emerald (11S1), and Copper (11S3), as part of a National Endowment for the Humanities grant called "Steam Bath Ceremonialism and a New Vision of American Indian Urbanism". Electromagnetic induction and magnetometry surveys of 24 mounds at Cahokia Mounds State Historic Site and three surrounding mound sites.
- 2021-24 Briscoe Mounds (11WI25), Late Woodland and Upper Mississippian (Langford) mound and village site along the Des Plaines River near Channahon, IL. Magnetometry survey.
- 2023 Carson Mounds (22CO505), late Mississippian occupation in Coahoma County, Mississippi. Magnetometry and electromagnetic induction survey for Caitlyn Antoniuk (UIUC).
- 2023 Pilcher Park, survey to relocate the reburial site (11WI4027) of a late 18th–early 19th century Potawatomi cemetery. Magnetometry, electromagnetic induction, and soil resistivity survey conducted for the Illinois State Museum and affiliated Tribes.
- 2023 Mullins Creek (11S1252), Oneota habitation site near Dupo, IL. Electromagnetic induction and soil resistivity survey.
- 2022 Hildenmeyer/Ten Mile (11T2), Mississippian mound and village site near East Peoria, IL. Magnetometry survey for Dr. Gregory Wilson of the University of California, Santa Barbara.
- 2022 Bench (11S1269), early Mississippian settlement near Dupo, IL. Magnetometry survey.
- 2022 Mullins Creek (11S1252) and Eagle's Nest (11S1255), Oneota habitation sites near Dupo, IL. Magnetometry survey.
- 2021-22 Mason-Richardson/Asbell-Cam (11F228), part of an unfunded research project called "Missing Mississippian Town". Magnetometry survey partially funded by the Illinois Association for the Advancement of Archaeology.
- 2021 Lincoln Park Cemetery (11CK338), former location of large historic cemetery in Chicago, IL. Magnetometry, soil conductivity and magnetic susceptibility survey.
- 2020 Orendorf Settlement B (11F1284), Middle Mississippian settlement in Fulton County, IL. Magnetometry survey for Western Illinois University.
- 2020 Carter Creek (11MD817), early Late Woodland Weaver occupation with ring midden near Industry, Illinois. Magnetometry survey for Adam Sutherland (UIUC).
- 2020 St. Clair County Cemetery (Potters Field), unmarked historic cemetery in Washington Park, IL. Magnetometry survey.
- 2019 **Volunteer**, Fort Edwards, early 19th century military trading post and fur factory in Warsaw, IL. Magnetometry survey.

- 2018 Mitchell Mound Complex: Rathmeyer Mound (11MS2087), Mound A (11MS30), Hoeffken Mound (11MS179), Mississippian mound center in Madison County, IL. Magnetometry, soil conductivity and magnetic susceptibility, and soil resistivity survey.
- 2017 **Volunteer**, Mann Site (Mounds IU7, IU9), Middle Woodland mound site in Mount Vernon, IN. Magnetometry survey for the University of Southern Indiana.
- 2017 Cundiff Cemetery, pre-Civil War cemetery in Weldon Springs State Park. Magnetometry, soil conductivity and magnetic susceptibility survey for the Illinois Department of Natural Resources.
- 2017 Samuel's Mound Group (11PI43), precontact mound group along the Sangamon River in Monticello, IL. Magnetometry survey.
- 2016 Fort Ouiatenon, early 18th century French fort on the Wabash River in Tippecanoe County, IN, with Kickapoo, Mascouten, and Wea encampments surrounding. Magnetometry and soil resistivity survey. Joint ISAS and University of Southern Indiana investigation.
- 2016 Noble-Wieting (11ML24), Langford tradition settlement near confluence of Kickapoo and Little Kickapoo Creeks in central Illinois. Magnetometry, soil conductivity and magnetic susceptibility survey.
- 2015 Fort de Chartres (11R125) and Ghost Horse (11R657), early 18th century French fort and associated dwelling on the Mississippi River in Randolph County, IL. Magnetometry survey.

Surveys and Testing

- 2014-16 Participated in 98 archaeological survey and 2 testing projects; supervised 15 of the survey projects.
- 2016 Denmark Road. Survey of 57 acres for roadway, intersection, and sanitary sewer improvements in Danville, IL.
- 2015-16 CH 74/Laraway Road. Survey of ca. 250 acres for the reconstruction of Laraway Road from Frankfort to New Lenox, IL.
- 2015-16 CRONUS. Survey of ca. 344 acres for infrastructure improvements along US 36 and US 45 for the Cronus Chemicals LLC fertilizer plant near Tuscola, IL.
- 2014 Simonson Site (11LS15). Survey and testing of the multicomponent (Early Woodland through Historic period) site in advance of the IL 178 bridge replacement over the Illinois River.
- 2014 High Speed Rail. Survey of ca. 714 acres for improvements to the Union Pacific Railroad between Joliet and Dwight, IL.

Data-Recovery Excavations

- 2017-19 **Field crew/Volunteer**, Noble-Wieting (11ML24), Langford tradition settlement near confluence of Kickapoo and Little Kickapoo Creeks in central Illinois. Joint ISAS and Illinois State University field school under the direction of Dr. Robert McCullough and Dr. G. Logan Miller.
- 2019 **Field crew**, Deer Shed Bluff (11R932), early 19th century occupation in Chester, IL. Assisted with excavation for American Bottom Field Station of ISAS.

- 2018 **Field crew**, Samuel's Mound Group (11PI43), precontact mound group along the Sangamon River in Monticello, IL. ISAS excavation of old looter's trench in order to map and restore affected mound.
- 2016 **Volunteer**, Collins (11V15), Mississippian mound center in Danville, IL. Joint UIUC and Parkland Community College field school under the direction of Amanda Butler.
- 2012 **Field student**, Centre for Manx Studies, University of Liverpool, field school under the direction of Dr. Harold Mytum; Graveyard recordation in County Monaghan, Ireland and Castletown, Isle of Man; Excavation of Ballacagen, an Iron Age roundhouse near Castletown, Isle of Man.
- 2011 **Field student**, Department of Anthropology, UIUC, The Mississippian Initiative field school under the direction of Dr. Timothy Pauketat; Excavation of Rattlesnake Mound at Cahokia Mounds State Historic Site, IL and Little Bluff in Trempealeau, WI.

Professional Affiliations

Illinois Archaeological Survey
Midwest Archaeological Conference
Society for American Archaeology