

Curriculum Vitae
Scott Kirk, Ph.D., R.P.A.
April 2023

Adjunct Assistant Professor (LAT)
Department of Anthropology
University of New Mexico

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Project Manager
R. Christopher Goodwin & Associates, Inc.
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Web Profiles:

<https://unm.academia.edu/ScottKirk>
<https://www.researchgate.net/profile/Scott-Kirk>
<https://www.linkedin.com/in/scott-kirk-3355a0221/>

About Me:

My primary research interests focus on using geospatial techniques and architectural analysis to elucidate the development of monumental architecture in colonial settings; particularly the development of defensive and religious structures in relation to urbanism. In addition to this research, I have a strong background in GIS, remote sensing, cultural resource management, quantitative methods, and faunal analysis. With 9 years of experience in GIS and 13 years of experience in archaeology, I am adept at applying my abilities to both academic and private sector work.

Education

Degrees:

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|------|-------|--|--------------|
| 2021 | Ph.D. | Department of Anthropology (emphasis in archaeology), University of New Mexico. Advisor: Dr. James L. Boone | GPA: 4.0/4.0 |
| 2013 | M.A. | Department of Anthropology (emphasis in archaeology), Northern Illinois University. Advisor: Dr. Michael J. Kolb | GPA: 4.0/4.0 |
| 2009 | B.A. | Department of Anthropology, Northern Illinois University Minors: History, Chinese Studies, Southeast Asian Studies | GPA: 3.8/4.0 |

Employment History

R. Christopher Goodwin & Associates, Inc.

Project Manager

Jan 2022-Present

The University of New Mexico (6 positions)

Adjunct Assistant Professor (LAT)

May 2021-Present

Instructor of Record

Classes: Anth 1211- Introduction to Archaeology

Fall 2020

Anth 120- Introduction to Archaeology

Fall 2018

Research Assistant

Faunal analyst for Dr. Emily Lena Jones

2018-2020

General Assistant for Dr. Michael Graves

Spring 2017

Graduate Assistant, Dept. of Anthropology

2013-2018,

Classes: Anth 101- Intro to Anthropology (Online and Classroom)

2020-2021

Lectured on: The Collapse of Civilizations

Anth 220- World Archaeology (Online and Classroom)

Anth 420- Medieval Archaeology

Anth 420- Bronze and Iron Age Europe

Lectured on: The Classical Greek World (2 Lectures)

Anth 328- Near Eastern Archaeology

Lectured on: The Origins of Writing in Mesopotamia;

Çatalhöyük

Anth 320- Strategies in Archaeology

Lectured on: Survey and Geophysical Techniques

(3 Lectures)

Office of Contract Archeology

2015-2017

Lab Tech- Student Employment

STEM Collaborative Center

Contract Graduate Assistant

2016

Algonquin Consultants, Inc.

Field Technician

Summer 2021

University of North Georgia

Logistics Coordinator, Head of Geospatial Analyses, and

Archaeological Field Crew Supervisor

2016-2018

UNG Archaeological Field School

Northern Illinois University (3 Positions)

- Teacher's Assistant, Dept. of Anthropology 2013
Northern Illinois University's Archaeological Field School in
Salemi, Sicily
- Head Graduate Assistant, Dept. of Anthropology 2012-2013
Classes: Anth 210- Introduction to Archaeology
Lectured on: Introduction to Archaeology; Religion
and the Spirit World
Anth 240- Introduction to Physical Anthropology
Lectured on: The Neanderthal
Anth 102- Rise of Civilizations
Lectured jointly with other grad students on:
Pre-modern humans; The birth of religion
Anth 312- The Archaeology of Egypt
Lectured on: Introduction to the Archaeology of
Egypt; Egyptomania- Egypt in Fiction and the Movies;
Egyptian Mythology; The Predynastic Period; The end
of the New Kingdom; The 3rd Intermediate Period;
The Late Kingdom; The Ptolemaic Period; Cleopatra
- Graduate Assistant, Dept. of Anthropology 2011-2012
Classes: Anth 240- Introduction to Physical Anthropology
Lectured on: The Neanderthal
Anth 120- Anthropology and Human Diversity
Lectured on: Introduction to Archaeology; Rise of
Complex Civilizations
- Joy English Gangshan Branch (Taiwan)**
Native English-Speaking instructor for ESL students 2009-2010
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Publications & Reports

Peer Reviewed Article (6)

- Jones, Emily Lena, **Scott Kirk**, Caitlin S. Ainsworth, Asia Alsgaard, Jana Valesca Meyer, and
Cyler Conrad
2021 The community at the crossroads: mammalian exploitation and connectivity at
Tijeras Pueblo (LA 581). *Kiva, Special Issue: Tijeras Pueblo at the Crossroads:
Archaeology, Cultural Heritage, and Public Education*, edited by Sandra Arazi-
Coombs and Judith A. Habicht-Mauche.
- Kirk, Scott D.**, Evan S. Sternberg, and Paulina F. Przystupa
2020 Landscape, Typologies, and the Social Meaning of Castles. *Journal of Anthropological
Archaeology*. 60: 101224.
- Balco, William M., **Scott D. Kirk**, and Michael J. Kolb
2020 A pixelated landscape survey in the forest: Merging space, time, and context at
Monte Bonifato, Sicily. *Journal of Archaeological Science Reports*. 33: 102515.

Kirk, Scott

2017 Sicilian Castles and Coastal Towers: Signaling a Shift in Trade Networks, Territorial Organization, and Defensive Strategies in Post-Medieval Sicily. *Open Archaeology*. 3: 313-338.

Kirk, Scott

2016 A Land Between: Sicily's Place in the Emergence of medieval Hilltop Settlements. *Contributions to New World Archaeology*. 9: 51-68.

Kirk, Scott, Amy E. Thompson, and Christopher D. Lippitt

2016 Predictive Modeling for Site Detection Using Remotely Sensed Phenological Data. *Advances in Archaeological Practice*. 4(1): 87-101.

Peer Reviewed Book Chapter (1)

Kolb, Michael J., **Scott Detrich Kirk**, and William Balco

2019 Labor Mobilization and Castle Construction in Medieval Sicily. In *Architectural Energetics*, E.M. Abrams and L. McCurdy, (eds.), pp 114-137. Taylor and Francis, Milton Park.

In Review (1)

Balco, William M., **Scott D. Kirk**, Amy East, Anna Chitwood, Anna Cook, Alexandra Correa, Josiah Forringer, Aaron Johnson, Nikolas Karamihalis, Lucy Kendrick, Brian McConnell, Thomas Scavuzzo, and Patrick Sword

No Date A Summary of 2021 Investigations at Rice Farm (9DW276), a Middle Woodland Site in Dawsonville, Georgia. *Early Georgia*.

Selected Papers in Prep for Peer Review (3)

Kirk, Scott D., Evan S. Sternberg, Amy E. Thompson, Kristina Machen, Lexi O'Donnell, Michael Kolb, and James L. Boone

In Prep A Clustering of Castles: Grouping Structural Features to Examine Change Over Time within a House Societies Model. Proposed Submission to *Frontiers of Architectural Research* Summer 2022

Kirk, Scott D., Lexi O'Donnell, Evan S. Sternberg, and James L. Boone

In Prep Castles as the Houses of the Military Elite: Battle, Social Memory, and Structural Changes in a Selection of Castles Across Europe. Proposed Submission to *Medieval Archaeology* Winter 2022.

Kirk, Scott D., and William Balco

In Prep From Slave Cabin to Sharecropper Cottage: A Relational Study Between History and Architecture. Proposed Submission to *Historical Archaeology* Summer 2023.

Submitted for Non-Peer Reviewed Manuscript (1)

Kirk, Scott Detrich and Jason Liddell

No Date Specialization & Disruption in Ceramic Production?: An Analysis of Firing Temperature in the Middle Rio Grande Valley Pre and Post Spanish Contact. In *Chamisal Site Report*, Alexander Kurota, (ed).

Site Reports (21)

Kirk, Scott, Wayne C.J. Boyko, Peter Cropley, and Susan Barrett Smith

2022 *Phase I Cultural Resources Investigation for the Proposed Prairie Switch Wind Turbine Project Located in Wharton County, Texas*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Nathanael Heller, **Scott Kirk**, and Susan Barrett Smith

2022 *Phase I Cultural Resources Survey of the Dig 1822, M.P. 179.608 Anomaly Project in Lauderdale County, Alabama*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Susan Barrett Smith, Peter Cropley, and Wayne C.J. Boyko

2022 *A Phase I Cultural Resources Investigation of 23.4 ha (57.71 ac) in Cooke County, Texas for a Proposed Wind Turbine Demonstration Project*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Alexandra Howell, Susan Barrett Smith, and Nathanael Heller

2022 *Phase I Cultural Resource investigations of the Line 73 M.P.21.0150 Evangeline Anomaly SE-21-17962 in Southern Evangeline Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Susan Barrett Smith, Alexandra Howell, Nathanael Heller, Carys Caffarel, and Tyler Leban

2022 *Phase I Cultural Resources Survey at Pipeline Anomaly Repair Locations (Dig Sites 4001, 4002, 4005, and 4006) within Pointe Coupee Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Susan Barrett Smith, and Wayne, C.J. Boyko

2022 *A Phase I Cultural Resource Survey and Archaeological Inventory Along 254 m (833 Ft) of Hosmer Mill Road, Covington, St. Tammany Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Susan Barrett Smith, and Wayne C.J. Boyko

2022 *Phase I Cultural Resources Survey of a 31 ha (76.3 ac) Parcel of Land along Almonaster Avenue in New Orleans, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Wayne C.J. Boyko, and Tyler Leban

2022 *A Phase IA Desktop Analysis of a 155.0-ac (62.7-ha) Project Area in Ascension and St. James Parishes, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Wayne C.J. Boyko, and Tyler Leben

2022 *Phase IA Desktop Analysis of the Proposed Shell AO-5 Pipeline Project, Ascension and St. James Parishes, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott and Susan Barrett Smith

2022 *Phase I Cultural Resources Survey of an Approximately 10 ac (4 ha) Tract of Land in Iberville Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Wayne C.J. Boyko, and Tyler Leben

2022 *Phase IA Desktop Analysis of the Proposed Lane City Project in Wharton County, Texas*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Nathanael Heller, Susan Barrett Smith, Emily Jeansonne, Peter Cropley, Wayne Boyko, and Jordan Pendel

2022 *A Phase II Testing and Evaluation of Locus One within Site 16PL107, the St. Rosalie Plantation, Plaquemines Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Heller, Nathanael and Scott Kirk

2022 Addendum: Supplemental Phase I Cultural Resources Survey of the Line 11 MP 251.05 Anomaly Investigation (SE-21-15884) Project in DeSoto Parish, Louisiana (Report # 22-6731-1). R. Christopher Goodwin & Associates, Inc., New Orleans.

Heller, Nathanael and **Scott Kirk**

2022 *Phase I Cultural Resources Survey of the Line 11 MP 253.130 Anomaly Investigation (SE-21-17823) Project in DeSoto Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Kirk, Scott, Peter Cropley and Emily Meaden Jeansonne

2022 *Phase I Cultural Resource Investigations of the St. Rose Levee (Kenner Revetment) Enlargement Project Area in St. Charles Parish, Louisiana*. R. Christopher Goodwin & Associates, Inc., New Orleans.

Balco, William M., Michael J. Kolb, and **Scott D. Kirk**

2018 *Alcamo Archaeological Project: Relazione Preliminare del 2017 Indagine*. Alcamo Archaeological Project, Alcamo.

Kirk, Scott

2017 Faunal Analysis. In Chapter 5 of *Re-evaluation of Four Archaeological Sites at the Thurgood Maneuver Area in the Jornada del Muerto, Sierra County, White Sands Missile Range, New Mexico*, Christian Solfsburg, primary author, UNM Office of Contract Archeology, Albuquerque.

Kirk, Scott Detrich, Robin M. Cordero, and Shannon Landry

2017 Subsistence in White Sands: Fauna Analysis from a Number of Sites across the Missile Range. In *Archaeology of White Sands: Evaluation of 37 Sites and Implementation of Site Protective Measures Between Highway 70 and Nike Avenue, White Sands Missile Range, Otero and Dona Ana Counties, New Mexico*, Alexander Kurota, (ed.). UNM Office of Contract Archeology, Albuquerque.

Landry, Shannon D., Robin M. Cordero, and **Scott D. Kirk**

2017 Chapter 9. Jarilla Site Faunal Remains. In *Archaeology of White Sands Missile Range: Evaluation of the Jarilla Site, LA 37470, White Sands Missile Range, Otero County, New Mexico*, Alexander Kurota, (ed.). UNM Office of Contract Archeology, Albuquerque.

Kirk, Scott Detrich, Erin Hegberg, and Alexander Kurota

2017 Chapter 10: The Historic Component of the Jarilla Site, LA 37470. In *Archaeology of White Sands Missile Range: Evaluation of the Jarilla Site, LA 37470, White Sands Missile Range, Otero County, New Mexico*, Alexander Kurota, (ed.). UNM Office of Contract Archeology, Albuquerque.

Kurota, Alex, **Scott Kirk**, Danielle Schnieder, and Evan Sternberg

2016 Chapter 11 LA 62136. In *Archaeology of White Sands Missile Range: Data Recovery at Eight Sites in the Orogrande Training Area, White Sands Missile Range, Otero County, New Mexico*, Alex Kurota, (ed). UNM Office of Contract Archeology, Albuquerque.

Unpublished Doctoral Dissertation

Kirk, Scott

2021 *Functional Changes in Fortified Places: Strategy and Defensive Architecture in the Medieval and Early Modern Eras*. Unpublished Doctoral Dissertation. University of New Mexico, Albuquerque.

Unpublished Master's Thesis

Kirk, Scott

2013 *Islamic Tableware in Salemi, Sicily: Ceramic Evidence for Enculturation and Hybridization in medieval Sicily*. Unpublished M.A. Thesis. Northern Illinois University, DeKalb.

Conferences & Presentations

Conference Sessions Organized (1)

Kirk, Scott, Joseph Birkmann, and Beau Murphy.

Symposium on *Erotetics, GIS, and Data Resolution: Spatial Analysis in Archaeological Practice*. Held at the 82nd Annual Meeting of the Society for American Archaeology Meeting. Vancouver, British Columbia, Canada. 1 April 2017.

Conference and Seminar Papers (18)

Kirk, Scott, Amy E. Thompson, Chung-Ching Shiung, and Christopher Lippitt

Building in New Lands: Monumental Religious Architecture as a proxy for Historic Settlement Development in Taiwan, Louisiana, and New Mexico. Presented at the 87th Annual Meeting for the Society of American Archaeology. Chicago, IL, USA. 30 Mar-3 Apr 2022.

Kirk, Scott, Chung-Ching Shiung, Amy E. Thompson, and Christopher Lippitt
Colonialism and Religion in the Development of Taiwan: Monumental Religious Architecture as a proxy for Historic Settlement Growth and Urbanization. Presented at the 2022 American Association of Geographers Annual Meeting. Held Virtually. 25 Feb-1 Mar 2022.

Kirk, Scott
Understanding Castle Landscape Through Typology. Presented at the European Association of Archaeologists' 26th Annual Meeting. Held Virtually. 26-30 August 2020.

Kirk, Scott, Emily Lena Jones, Caitlin S. Ainsworth, and Jana Valesca Meyer
The Community at the Crossroads: Insights into connectivity from the Tijeras Pueblo Fauna. Presented at the 84th Annual Meeting of the Society for American Archaeology. Albuquerque, NM, USA. 10-14 April 2019.

Rosa, Alexander, Michael J. Kolb, **Scott D. Kirk**, and William M Balco
Siculo-Norman Tableware Consumption upon Monte Bonifato: A Spatial Analysis. Presented at the 84th Annual Meeting of the Society for American Archaeology. Albuquerque, NM, USA. 10-14 April 2019.

Kirk, Scott D., Michael J. Kolb, and William M. Balco
Medieval Landscapes in Western Sicily: Castles and Urbanization. Presented at the AIA and SCS Joint Annual Meeting. San Diego, USA. 3-6 January 2019.

Kirk, Scott
House Societies and the European Military Elite: Changes in Castle Design seen through a House Society Model. Presented at the European Association of Archaeologists' 24th Annual Meeting. Barcelona, Spain. 5-8 Sept. 2018.

Kirk, Scott and Michael J Kolb
Castle Construction in Western Sicily: Labor Mobilization in the Medieval Mediterranean. Presented at the European Association of Archaeologists' 24th Annual Meeting. Barcelona, Spain. 5-8 Sept. 2018.

Kirk, Scott
Houses of the Conquerors: A Multi-Regional Approach to Castle Studies in the Mediterranean. Presented at the Central Mediterranean Prehistory- Current Research Day Seminar. McDonald Institute for Archaeology, University of Cambridge, England. 23 May 2018.

Balco, William, Michel Kolb, and **Scott Kirk**
Archaeological Investigations of Monte Bonifato, Sicily. Presented at the Central Mediterranean Prehistory- Current Research Day Seminar. McDonald Institute for Archaeology, University of Cambridge, England. 23 May 2018.

Kirk, Scott and Michael J. Kolb

A Mosque and a Castle: The Discovery of the Salemi Mosque. Presented at the 83rd Annual Meeting of the Society for American Archaeology Meeting. Washington DC, USA. 11-15 April 2018.

Balco, William, **Scott Kirk**, and Michael J. Kolb

A Pixilated Survey: Archaeology at Monte Bonifato, Sicily. Presented at the 83rd Annual Meeting of the Society for American Archaeology Meeting. Washington DC, USA. 11-15 April 2018.

Kirk, Scott

The Study of Castles throughout Europe: Limitations of Multiregional Studies. Presented at the 82nd Annual Meeting of the Society for American Archaeology Meeting. Vancouver, British Columbia, Canada. 29 March- 2 April 2017.

Kirk, Scott

From Inland Castles to Coastal Towers: A Shift in Trade Networks, Territorial Organization, and Defensive Strategies in Post-Medieval Sicily. Presented at the European Association of Archaeologists' 21st Annual Meeting. Glasgow, Scotland. 2-5 Sept. 2015.

Kirk, Scott, Amy E. Thompson, and Christopher D. Lippitt

Predictive Modeling for Site Location Using a Multi-Layer Perception Approach. Presented at the 19th Annual Anthropology Graduate Student Union Conference. University of New Mexico. Albuquerque, New Mexico, U.S.A. 3-4 April 2015.

Kirk, Scott

A Land Between: Sicily's Place in the Emergence of medieval Hilltop Settlements. Presented at the European Association of Archaeologists' 20th Annual Meeting. Istanbul, Turkey. 10-14 Sept. 2014.

Kirk, Scott

A Spatial Analysis of medieval Sicilian Castles. Presented at the 18th Annual AGSU Conference. Albuquerque, New Mexico. 4-5 April 2014.

Kirk, Scott

Religion, Politics, and Economy: Norman-Islamic Political Relations in the Sicilian Middle Ages. Presented at conference on "Real and Imaginary Borders across the Mediterranean"- University of Illinois Urbana-Champaign, U.S.A. 8- 9 Feb. 2013.

Invited Lectures (2)

Balco, William M., Daniel Bell, Anthony Carrino, Morgan Furbee, Jennifer Hill, Isabella Martino, Tatum McMullan, Chloe Perry, Alexis Wallis, Amanda Ward, and **Scott Kirk**.

Back from the Field: UNG's 2017 Sicilian Archaeological Field School. Presented at a Blue Ridge Archaeological Guild Meeting. 13 Sept. 2017.

Kirk, Scott

An Archaeological Investigation of Castles: Exploring Myth, Fantasy, and Reality. Presented at the University of North Georgia. 10 Nov. 2016.

Conference Posters (2)

Kirk, Scott, Amy E. Thompson, and Christopher D. Lippitt

Predictive Modeling for Site Detection in Central New Mexico using Remotely Sensed Data on Phenology. Presented at the 81st Annual Meeting of the Society for American Archaeology. Orlando, Florida, U.S.A. 6-10 April 2016.

Kirk, Scott, Jason Liddell, Alexander Kurota, and Danielle Schneider

Changes in Ceramic Traditions: How the Arrival of the Spanish May Have Altered Pueblo Ceramic Firing Traditions. Presented at New Mexico Archaeological 2015 Fall Conference. Albuquerque, New Mexico, U.S.A. 14 Nov. 2015.

Grants, Recognition & Awards

External

Fulbright Scholar Program- Taiwan (Alternate- Not Received) 2021

Internal

University of New Mexico

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|--|------------|
| Dean's Scholarship- \$1,000.00 | 2020-2021 |
| Doctoral Conference Presentation Award- \$948.00 | 2017 |
| Binford Fellowship- Tuition & \$16,000.00 stipend per year | 2013-2015 |
| UNM S-CAP- \$1,000.00 per award | 2014, 2015 |
| UNM OGS RPT- \$1,000.00 | 2014 |

Northern Illinois University

| | |
|------------------------------------|------|
| Outstanding Graduate Student Award | 2013 |
| Graduate Travel Grant- \$500.00 | 2012 |
| Graduated Summa Cum Laude | 2009 |

Relevant Skills & Abilities

GIS and Remote Sensing: I am proficient in the use of ESRI ArcMap 10-10.7, Arc GIS Collector, and ArcGIS Online as well as IDRISI Terrset, Google Earth Pro, and Garmin BaseCamp. I am competent with ArcGIS Pro and Idrisi Selva. I have a basic knowledge of ERDAS Imagine.

GPS Units: I am competent with the use of the Trimble Nomad, Trimble TDC600, Trimble TDC 650, the Bad Elf Bluetooth GPS Receiver (paired with ArcGIS Collector), the Garmin 62 series, and the Garmin 64 series.

Data Acquisition: I am comfortable acquiring data from public sources and processing images including DEMs, DTMs, Multi-Spectral Images, and Orthophotos. I am capable of using LiDAR imagery.

Computer Programs: I am proficient in the use of Microsoft Office Suite, and the Adobe Creative Cloud Suite. I am competent with conferencing software such as Zoom, Skype, and Google Meet. I have limited knowledge of R Studio.

Leadership and Teamwork: I have led archaeological projects to completion and worked as a team-member (often the lead) to write for grants and project bids as well as to prepare budgets.

Languages: I am a native English speaker, understand conversational and written Italian and Spanish at the intermediate level, and have a limited knowledge of Mandarin Chinese and French.

Photography: I specialize in landscape photography and artifact photos.

Emergency Preparedness: I am CPR certified and have resolved potential field-based dangers and responded to medical emergencies while at work.

***Willing to learn any new skills or abilities required! ***

Lab Work & Other Analyses

GIS & Remote Sensing

Temples, Churches, and the Emergence of Urban Environments in Colonial Contexts: Case Studies from around the World

In conjunction with Drs. Chung-Ching Shiung, Christopher D. Lippitt, and Amy Thompson

-Mapping of monumental religious architecture in southern Taiwan, central New Mexico, and southern Louisiana as a proxy for settlement and subsequent modeling based on land use and cover change (LUCC)

More than 100 hours over 4 months

2019-Present

Dissertation: *Functional Changes in Fortified Places: Strategy and Defensive Architecture in the Medieval and Early Modern Eras.*

In conjunction with Drs. James L. Boone and Christopher D. Lippitt

-Landscape analysis around a cross-cultural sample of castle

More than 1300 hours over 12 months

2016-2019

Alcamo Archaeological Project (see Balco et al. 2020)

In conjunction with Drs. William Balco and Michael J. Kolb

-Management of all geospatial data.

More than 300 hours over 3 years

2016-2018

Viewshed Analysis of Sicilian Castles and Towers (see Kirk 2017)

Independent academic work

-Comparative research on differences between medieval castles and Early Modern coastal towers

More than 30 hours over 3 months

2015-2016

Phenological Analysis of Potential Site Locations (see Kirk et al. 2016)

In Conjunction with Drs. Christopher D. Lippitt & Amy Thompson

-Modeling potential subsurface anthropogenic modifications to the landscape based on vegetation data

More than 40 hours over 12 months

2015

Architectural Analysis

Palmour Plantation Project

In conjunction with Dr. William Balco

-Analysis of slave-turned-tenant farmer cabin in Dawsonville, GA

More than 15 hours over 1 month

2021

Dissertation: *Functional Changes in Fortified Places: Strategy and Defensive Architecture in the Medieval and Early Modern Eras.*

In conjunction with Drs. James L. Boone & Michael J. Kolb

-Recording architectural features from a cross-cultural sample of castles and creating a typology in R.

More than 448 hours over 2 years

2017-2020

Alcamo Archaeological Project (AIA & SAA Presentations)

In Conjunction with Drs. William Balco and Michael J. Kolb

-Comparing the history, development, and architectural features of the castle atop Monte Bonifato with those of Calatubo, Salemi, Mokarta, and Partanna

More than 48 hours over 2 months

2018

Archaeological Field work in Salemi, Sicily (see Kolb et al. 2019)

In Conjunction with Drs. Michael J. Kolb and William Balco

-Analyzing potential labor investment for the Salemi Castle

More than 48 hours for over 2 months

2017

Faunal Analysis

R. Christopher Goodwin & Associates, Inc.

Supervised by: Dr. Wayne Boyko

-Fauna from St. Rosalie Plantation, Louisiana

More than 80 hours over 1 month

2022

Department of Anthropology, University of New Mexico

Supervised By: Dr. Emily Jones

- Fauna from Tijeras Pueblo, New Mexico
More than 1200 hours over 20 months 2018-2020
- Fauna from Isleta Pueblo, New Mexico
More than 200 hours over 10 months 2017-2018
- Fauna from North Edith Casa-Coral, New Mexico
More than 200 hours over 10 months 2016-2017
- Fauna from Plaza Vieja, Belen, New Mexico
More than 40 hours over 2 months 2016

Office of Contract Archeology, University of New Mexico

Supervisors Dr. Robert Dello-Russo & Robin Cordero, M.S.

- Fauna from White Sands Missile Range Thurgood
More than 15 hours over 1 month 2017
- Fauna from White Sands Missile Range 414
More than 60 hours over 2 months 2016
- Fauna from White Sands Missile Range Task 7
More than 30 hours over 1 month 2016

Historic Artifact Analysis

Office of Contract Archeology, University of New Mexico

Supervisors. Drs. Robert Dello-Russo & Erin Hegberg

- Historic artifacts from White Sands Missile Range 414
More than 30 hours over 2 months 2017
- Historic artifacts s from White Sands Missile Range Task 7
More than 30 hours over 1 month 2016

Ceramic Analysis

Northern Illinois University Archaeological Field School

Supervisors: Drs. Michael J. Kolb & William Balco

- Ceramics from Salemi, Sicily
More than 160 hours over 2 months 2015, 2016

Archaeological Project Management, Administration, & Field Work (19 Projects)

Wharton County Wind Turbine Project (RCG&A)

Site Location: Near El Campo, Texas, USA

When: Oct 2022

Principal Investigator: Dr. Scott Kirk

Position: Principal Investigator:

Project Focus: Phase I investigations for an upcoming wind turbine project.

More than 5 hours management – More than 48 hours field over 8 days

TCLI Pipeline Project (RCG&A)

Site Location: Western Louisiana (4 Parishes), USA

When: Sept-Oct 2022

Principal Investigator: Dr. Wayne Boyko

Position: Project Manager

Project Focus: Phase I investigations for an upcoming energy pipeline.

More than 10 hours management – More than 40 hours field over 5 days (*Ongoing*)

Cooke County Wind Turbine Project (RCG&A)

Project Location: Near Gainesville, Texas, USA

When: Aug-Sept 2022

Principal Investigator: Dr. Scott Kirk

Position: Principal Investigator

Project Focus: Phase I investigations for an upcoming wind turbine project.

More than 40 hours management/report writing – More than 72 hours field over 6 days

New Orleans CSX Project (RCG&A)

Site Location: New Orleans, Louisiana, USA

When: June 2022

Principal Investigator: Dr. Wayne Boyko

Position: Project Manager

Project Focus: Phase I investigations of 31 ha in New Orleans East.

More than 40 hours management/report writing – More than 80 hours field over 10 days

St. Rosalie Plantation Phase II Cultural Resources Investigation (RCG&A)

Site Location: St. Rosalie, Louisiana, U.S.A.

When: Feb-Mar 2022

Principal Investigator: Dr. Wayne Boyko

Position: Project Manager

Project Focus: Phase II cultural resource survey of a post-bellum plantation.

More than 80 hours management/report writing – More than 160 hours field over 40 days

St. Rose Levee Phase I Archaeological Survey (RCG&A)

Site Location: St. Rose, Louisiana, U.S.A

When: Jan 2022

Principal Investigator: Nathanael Heller, M.A.

Position: Project Manager

Project Focus: Phase I cultural resources survey for levee expansion.

More than 40 hours management/report writing – more than 80 hours field over 10 days

Rice Farm (University of North Georgia Archaeological Field School)

Site Location: Dawsonville, Georgia, U.S.A.

When: Oct 2021

Principal Investigator: Dr. William Balco

Position: Field Technician

Project Focus: Excavation of a Middle Woodland site on the Etowah River.

More than 174 hours field over 1 month

Algonquin Consultants, Inc. North Central New Mexico Survey

Site Location: Near Glorieta, New Mexico, U.S.A.
When: July 2021
Principal Investigator: Beau Murphy, M.A.
Position: Field Technician
Project Focus: Survey for upcoming undergrowth clearing.
More than 48 hours field over 0.19 months

Fishhooks Wilderness Survey (University of New Mexico)

Site Location: Fishhooks Wilderness, Arizona, USA
When: July 2021, October 2019
Principal Investigators: Joe Birkmann, M.A. and Dr. Bruce Huckell
Position: Surveyor
Project Focus: Survey for the identification of early agricultural evidence.
More than 56 hours field over 0.16 months

Rice Farm (University of North Georgia Archaeological Field School)

Site Location: Dawsonville, Georgia, U.S.A.
When: June 2021
Principal Investigator: Dr. William Balco
Position: Field Technician
Project Focus: Excavation of a Middle Woodland site on the Etowah River.
More than 54 hours field over 0.26 months

Algonquin Consultants, Inc. Eastern New Mexico Survey

Site Location: Near Santa Rosa, New Mexico, U.S.A.
When: May 2021
Principal Investigator: Beau Murphy, M.A.
Position: Field Technician
Project Focus: Survey for upcoming undergrowth clearing.
More than 80 hours field over 0.26 months

GIPyPAC (University of Basque Country) Project in Pancorbo, Burgos

Site Location: Pancorbo, Burgos, Spain
When: July 2019
Principal Investigators: Drs. Juan Antonio Quirós Castillo and Francesca Grassi
Position: Excavator
Project Focus: Excavations of a possible Jewish Quarter near Pancorbo Castle.
More than 160 hours field over 1 month

MEMOLab (University of Granada) Project in Guadix, Spain

Site Location: Guadix, Andalusia, Spain
When: June 2019
Principal Investigator: Dr. José María Martín Civantos
Position: Excavator
Project Focus: Excavation of the Alcazaba de Guadix
More than 120 hours field over 1 month

The Alcamo Archaeological Project

Site Location: Alcamo, Sicily, Italy

When: Summer 2016-2018

Principal Investigators: Drs. Michael J. Kolb and William M. Balco

Position: Logistics Coordinator, Head of Geospatial Analyses, and
Archaeological Field Crew Supervisor

Project Focus: The Late Bronze Age-Early Modern occupation of Monte Bonifato
More than 570 hours administration/report writing/ graphic production – More than
480 hours field over 3 years

Kosloski's Trading Post Project, UNM Office of Contract Archeology

Site Location: Pecos National Historic Park, New Mexico, U.S.A.

When: 2017

P.I. Dr. Robert Dello-Russo

Position: Field Technician (Excavator)

Project Focus: Field Testing for upcoming construction at Pecos National Historic Park
More than 8 hours field in 1 day

Andrews University San Miceli Project

Site Location: Salemi, Sicily, Italy

When: Summer 2016

Principal Investigator: Dr. Randall Younker

Position: Excavator/Part time Crew Chief

Project Focus: Excavation of the Late Antique Church of San Miceli in Salemi, Sicily
More than 80 hours field over 0.32 months

Bandelier Project, UNM Office of Contract Archeology

Site Location: Bandelier National Monument, New Mexico, U.S.A.

When: 2015-2016

Principal Investigator: Dr. Robert Dello-Russo

Position: Field Technician

Project Focus: Site assessment and survey in Bandelier National Monument
More than 80 report writing - More than 88 hours field over 1 year

Plaza Viejo, Belen Project, The University of New Mexico

Site Location: Belen, New Mexico, U.S.A.

When: 2014-2015

Principal Investigator: Dr. Emily Jones

Position: Field Crew (Excavator)

Project Focus: Remote Sensing and excavation of the Plaza Viejo Mission Church.
More than 32 hours field over 0.13 months

Northern Illinois Archaeology Field School

Site Location: Salemi, Sicily, Italy

When: 2008, 2012-2013

Principal Investigator: Dr. Michael Kolb

Positions: Teacher's Assistant/House Organizer/Crew Chief/Student

Project Focus: The Elymian, Roman, and Medieval occupations of Salemi, Sicily
More than 20 hours administration – more than 480 field over 3 years

Professional Organizations & Societies

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|---|--------------|
| Louisiana Archaeological Society | 2022-Present |
| American Association of Geographers | 2020-Present |
| Register of Professional Archaeologists | 2017-Present |
| The Society for Historical Archaeology | 2014-Present |
| The Society for Medieval Archaeology | 2014-Present |
| Society for American Archaeology | 2014-Present |
| European Association of Archaeologists | 2013-Present |

Public & Professional Service

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|---|------------|
| 2018 Annual Meeting Program Committee | |
| Society for American Archaeology | 2017 |
| Anthropology Graduate Student Representative | 2014-2015 |
| UNM Graduate Student Union | |
| Archaeology Subfield Graduate Student Representative | 2014- 2015 |
| UNM Anthropology Graduate Student Union | |
| Volunteer Hours | |
| Clark Field Library, University of New Mexico | 2013- 2014 |

Relevant Course Work

GIS/Remote Sensing (UNM)

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| Geography 591 – Problems | 2016 |
| Geography 586L – Applications of GIS | 2015 |
| Geography 584L – Applications in Remote Sensing | 2014 |
| Geography 499 – Remote Sensing | 2014 |
| Geography 381L – Introduction to Geographic Information Systems | 2013 |

Archaeology (UNM)

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| Anthropology 573 – Zooarchaeology | 2016 |
| Anthropology 570 – Science in Archaeology | 2015 |
| Anthropology 580 – Ceramic Analysis | 2014 |
| Anthropology 579 – Current Debates in Archaeology | 2014 |
| Anthropology 570 – Quantitative Methods in Archaeology | 2014 |
| Anthropology 574 – History and Theory in Archaeology | 2013 |

Anthropology/Archaeology (NIU)

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| Anthropology 526 – Political Anthropology | 2012 |
| Anthropology 550 – Ethics and Research Design in Archaeology | 2011 |
| Anthropology 446 – The Human Skeleton | 2008 |

Selected Ongoing Research Projects

Title: *Temples, Churches, and the Emergence of Urban Environments in Colonial Contexts: Case Studies from around the World.*

Description: Proposed early career research in digital archaeology focused on mapping the development of monumental religious architecture in Southern Taiwan, Southern Louisiana, and Central New Mexico to delineate the relationship between colonization and monumentality.

Key Collaborators: Chris Lippitt (Dept. of Geography and Environmental Studies, University of New Mexico), Amy Thompson (Dept. of Geography and the Environment, University of Texas at Austin), and Chung-Ching Shiung (Institute of Archaeology, National Cheng Kung University, Taiwan)

Years Active: 2019- Present.

Title: *Castles & Fortresses Past and Present: Exploring the development of castles and Early Modern forts in cross-cultural contexts from the High Middle Ages to the Present.*

Description: A continuation of my doctoral research examining the development of castles and Early Modern fortifications in Europe (specifically Sicily, Iberia, the Czech Republic, and the British Isles), Asia (mainly Japan and Taiwan), and American colonial contests (largely Cuba and the Eastern seaboard of the United States).

Key Collaborators: Evan Sternberg (PaleoWest, Albuquerque, NM Office), James L. Boone (Dept. of Anthropology, University of New Mexico), Amy Thompson (Dept. of Geography and the Environment, University of Texas at Austin), and Michael J. Kolb (Dept. of Sociology and Anthropology, Metropolitan State University of Denver)

Years Active: 2013- Present.