

Curriculum Vitae  
**Scott Kirk, Ph.D., R.P.A.**  
April 2025

Senior Archaeologist and Field Director  
Auxilio Management Services  
Fort Irwin, NTC, California

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

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Web Profiles:

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**About Me:**

I have a strong background in research design, data collection, historic artifact analysis, faunal analysis, and GIS/remote sensing. At Fort Irwin, NTC, I have demonstrated these abilities, setting up new data collection methods and protocols for field activities, and repairing numerous geodatabases. I believe my publication record speaks for my ability to produce high quality, technical papers, graphics, manuscripts, and reports. I am motivated and goal-oriented with 17 years of archaeological experience keeping professional standards and stakeholders in mind.

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**Education**

2021	Ph.D.	Department of Anthropology (emphasis in archaeology), University of New Mexico.
2013	M.A.	Department of Anthropology (emphasis in archaeology), Northern Illinois University.
2009	B.A.	Department of Anthropology, Northern Illinois University Minors: History, Chinese Studies, Southeast Asian Studies

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**Employment History**

**Auxilio Management Services**

June 2023-Present

Senior Archaeologist and Field Director at Fort Irwin, CA  
Primary Responsibilities: Geospatial analyses, map making, report writing, report editing, developing data collection methods, providing direction for field work, and repairing/maintaining geodatabases.

**R. Christopher Goodwin & Associates, Inc.**

Project Manager for the New Orleans, LA Office

Jan 2022-May 2023

Primary Responsibilities: Report writing and leading field crews.

**The University of New Mexico (6 positions)**

Adjunct Assistant Professor (LAT)

May 2021-Present

Instructor of Record

Fall 2018, Fall 2020

Research Assistant

2017-2020

Graduate Assistant, Dept. of Anthropology

2013-2018, 2020-2021

Office of Contract Archeology

2015-2017

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**Relevant Skills & Abilities**

**Archaeological:** I have a background in historic archaeology (Medieval – Early Modern European, Spanish Colonial [Caribbean and Southwest US], and American [Southwestern and Southeastern US]), as well as faunal analysis.

**GIS and Remote Sensing:** I am proficient in the use of ESRI ArcGIS Pro, ArcMap 10-10.8, ArcGIS Field Maps, ArcGIS Collector, and ArcGIS Online as well as IDRISI Terrset, Google Earth Pro, and Garmin BaseCamp.

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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.

**Submitted for Non-Peer Reviewed Manuscript (1/2)**

**Kirk, Scott Detrich**

No Date Using Phone-Based LiDAR at Fort Irwin National Training Center, California. *Cultural Resources Update*. U.S. Department of Defense.

**Upcoming Documentary Appearances (1)**

2025/6 Untitled Castle Documentary. Nippon Hōsō Kyōkai (Japanese Broadcasting Corporation).

**Selected CRM and other Government Reports (18/71)**

Beltran, Kenya and **Scott Kirk**.

2025 Cultural Resources Status Report for BSA Objective Relocation – South Project Site Status Report (FY25-022) Fort Irwin, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY25-022]

**Kirk, Scott**

2024 Cultural Resources Inventory and Evaluation for the WTA Chain Link Fence (FY24-084), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY24-084]

**Kirk, Scott** and Sean Mooney

2024 Cultural Resources Inventory and evaluation for the John Wheeler Tower Construction Project (FY24-064), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY24-064]

Mooney, Sean, **Scott Kirk**, and Leah Grant

2024 Cultural Resources Inventory and Evaluation for the Goldstone Deep Space Communications Complex (GDSCC) Redundant Power to Apollo Project (FY24-035), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY24-033]

**Kirk, Scott**, Sean Mooney, Leah Grant, and Andrea Nardin

2023 Cultural Resources Inventory and Evaluation for the Gemini Fence – Section 1 Project (FY23-064), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY23-064]

**Kirk, Scott**, Andrea Nardin, Amber Fankhauser, and Leah Grant

2023 Cultural Resources Inventory and Evaluation for the Jenny #18 Mine Unexploded Ordinance (UXO) Removal Project (FY23-046), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY23-046]

**Kirk, Scott** and Amber Fankhauser

2023 Cultural Resources Status Report for the TD1709234, TD1709225, and TD1912327 Pole Replacement Projects National Environmental Policy Act (NEPA) Files FY23-044, FY23-045, and FY23-048 Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY23-044, FY23-045, FY23-048]

**Kirk, Scott**, Andrea Nardin, Amber Fankhauser, Jamie Neitenbach, and Leah Grant

2023 Cultural Resources Inventory and Evaluation for the Goldstone Deep Space Communications Complex (GDSCC) Polyfluoroalkyl Substances (PFAS) Investigation Project (FY23-010), Fort Irwin, San Bernardino County, California. Auxilio Management Services. On file, Environmental Division, Directorate of Public Works, Fort Irwin, California. [FY23-010]

**Kirk, Scott**, Wayne C.J. Boyko, Susan Barrett Smith, Leslie Clements, and Tyler Leben

2023 *Phase I Cultural Resources Investigation of 764.3 HA (1,188.6AC) For the Gillis Access Project, Beauregard, Calcasieu, and Jefferson Davis Parishes, Louisiana.* R. Christopher Goodwin & Associates, Inc., New Orleans.

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

2023 *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.

**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**, 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**, 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.

**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, Sicily, Italy.

**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 Solfisburg, 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.

**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.

#### **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.

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## **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 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology Meeting. Vancouver, British Columbia, Canada. 1 April 2017.

### **Selected Conference and Seminar Papers (10/19)**

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

*Medieval Settlement atop Monte Bonifato: A Case Study in Function over Form*. To be Presented at the 89<sup>th</sup> Annual Meeting for the Society of American Archaeology. New Orleans, LA, USA. 17-21 Apr. 2024.

**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**, 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 84<sup>th</sup> 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** and Michael J Kolb

*Castle Construction in Western Sicily: Labor Mobilization in the Medieval Mediterranean*. Presented at the European Association of Archaeologists' 24<sup>th</sup> 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.

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

*A Mosque and a Castle: The Discovery of the Salemi Mosque.* Presented at the 83<sup>rd</sup> 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 82<sup>nd</sup> 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' 21<sup>st</sup> Annual Meeting. Glasgow, Scotland. 2-5 Sept. 2015.

**Kirk, Scott**

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

## **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 (3)**

Kirk, Scott D., William M. Balco, and Andrew Saleh

*All along the Watchtower: The spatial analysis of defensive networks and coastal towers in Early Modern Sicily.* To be presented at the 90<sup>th</sup> Annual Meeting for the Society of American Archaeology. Denver, Co, USA. 23-27 Apr. 2025.

Grant, Leah and **Scott Kirk**

*Monitoring Petroglyphs, Hearths, and other At-Risk Features using Phone Based LiDAR at Fort Irwin, California.* Presented at the 89<sup>th</sup> Annual Meeting for the Society of American Archaeology. New Orleans, LA, USA. 17-21 Apr. 2024.

**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.

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## **Grants, Recognition & Awards**

### **External**

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

### **Internal**

#### ***University of New Mexico***

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

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## **Selected Project Management, & Field Experience (15/32 Projects)**

### **Fort Irwin Off-Limits Monitoring Project 2024**

Location: Fort Irwin, NTC, San Bernardino County, California, U.S.A.  
When: Nov 2023-Nov 2024  
Principal Investigator: Brenda Reed  
Position: Field Director

### **NASA/Goldstone Redundant Power to Apollo Project [FY24-035]**

Location: Goldstone Deep Space Communications Complex  
Fort Irwin, NTC, San Bernardino County, California, U.S.A.  
When: August 2024  
Principal Investigator: Brenda Reed  
Position: Field Director

### **Fort Irwin WTA Communication Improvement Projects [FY24-63, 64, and 66]**

Location: Fort Irwin, NTC, San Bernardino County, California, U.S.A.  
When: July 2024  
Principal Investigator: Brenda Reed  
Position: Field Director

### **Fort Irwin Geothermal Investigation Projects [FY24-19, 22, 33, and 1001]**

Location: Fort Irwin, NTC, San Bernardino County, California, U.S.A.  
When: Dec 2023-April 2024  
Principal Investigator: Brenda Reed  
Position: Field Director

**Fort Irwin Target Pit Projects [FY24-039, 040, 041, 042, and 046]**

Location: Fort Irwin, NTC, San Bernardino County, California, U.S.A.  
When: Dec 2023-April 2024  
Principal Investigator: Brenda Reed  
Position: Field Director

**St. Rosalie Phase III Data Recovery (RCG&A)**

Location: St. Rosalie, Louisiana, U.S.A.  
When: Feb - Present  
Principal Investigator: Dr. Wayne Boyko  
Position: Project Manager

**Williams LEG 17 mi Pipeline (RCG&A)**

Location: Near Lake Charles, Louisiana, USA  
When: Jan-Mar 2023  
Principal Investigator: Dr. Scott Kirk  
Position: Principal Investigator

**Wharton County Wind Turbine Project (RCG&A)**

Location: Near El Campo, Texas, USA  
When: Oct 2022  
Principal Investigator: Dr. Scott Kirk  
Position: Principal Investigator

**New Orleans CSX Project (RCG&A)**

Location: New Orleans, Louisiana, USA  
When: June 2022  
Principal Investigator: Dr. Wayne Boyko  
Position: Project Manager

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

Location: St. Rosalie, Louisiana, U.S.A.  
When: Feb-Mar 2022  
Principal Investigator: Dr. Wayne Boyko  
Position: Project Manager

**Algonquin Consultants, Inc. Eastern New Mexico Survey**

Location: Near Santa Rosa, New Mexico, U.S.A.  
When: May 2021  
Principal Investigator: Beau Murphy, M.A.  
Position: Field Technician

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

Location: Pancorbo, Burgos, Spain  
When: July 2019  
Principal Investigators: Drs. Juan Antonio Quirós Castillo and Francesca Grassi  
Position: Field Technician

**MEMOLab (University of Granada) Project in Guadix, Spain**

Location: Guadix, Andalusia, Spain

When: June 2019

Principal Investigator: Dr. José María Martín Civantos

Position: Field Technician

**The Alcamo Archaeological Project**

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

**Bandelier Project, UNM Office of Contract Archeology**

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

When: 2015-2016

Principal Investigator: Dr. Robert Dello-Russo

Position: Field Technician

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**Lab Work & Other Professional Analyses****Geospatial Data Collection, Analysis, and Cartography****Auxilio Management**

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| -Geodatabase repairs for data collected prior to 2003                                 | 2024-Present |
| -Managed geospatial data and produced maps for<br>pre-construction projects           | 2023-Present |
| -Developed data collection methods, collected data, and produced maps<br>For OLM FY23 | 2023         |

**Faunal Analysis****R. Christopher Goodwin & Associates, Inc.**

Supervised by: Dr. Wayne Boyko

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| -Fauna from St. Rosalie Plantation, Louisiana | 2022 |
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**Department of Anthropology, University of New Mexico**

Supervised By: Dr. Emily Jones

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| -Fauna from Tijeras Pueblo, New Mexico         | 2018-2020 |
| -Fauna from Isleta Pueblo, New Mexico          | 2017-2018 |
| -Fauna from North Edith Casa-Coral, New Mexico | 2016-2017 |
| -Fauna from Plaza Vieja, Belen, New Mexico     | 2016      |

**Office of Contract Archeology, University of New Mexico**

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

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| -Fauna from White Sands Missile Range Thurgood | 2017 |
| -Fauna from White Sands Missile Range 414      | 2016 |
| -Fauna from White Sands Missile Range Task 7   | 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

2017

-Historic artifacts s from White Sands Missile Range Task 7

2016