

# Christopher W. Schwartz, PhD, RPA

Curriculum Vitae, April 2023

Environmental Planning Group, LLC  
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## EDUCATION

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- 2020 Ph.D. Anthropology (Archaeology), Arizona State University  
Dissertation: *Scarlet Macaws, Long-Distance Exchange, and Placemaking in the Pre-Hispanic U.S. Southwest and Mexican Northwest, ca. 900-1450 CE*
- 2015 M.A. Anthropology (Archaeology), Arizona State University
- 2011 B.S. Anthropology, Arizona State University, *Summa Cum Laude*, Barrett, the Honors College  
Thesis: *Ritual Use of Canids at Pre-Hispanic La Quemada, Zacatecas, Mexico*

## PROFESSIONAL APPOINTMENTS

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- 2022-pres. Project Scientist, Environmental Planning Group, A Terracon Company
- 2021-pres. Visiting Researcher, Arizona State University
- 2021-2022 Lecturer, Northern Arizona University
- 2020-2021 Postdoctoral Research Scholar, Arizona State University
- 2019-2020 Graduate Research Associate, Arizona State University
- 2017-2019 Graduate Teaching Associate, Arizona State University
- 2013-2017 Graduate Research Associate, Arizona State University
- 2009-2010 Laboratory Research Assistant, Zacatecas, Mexico and Arizona State University

## RESEARCH INTERESTS

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Pre-Hispanic archaeology of the US Southwest and Mexican Northwest; long-distance exchange and interaction; interregional interaction; archaeological applications of isotopic analyses; long-term human-animal interactions; zooarchaeology; ritual use of animals; cultural resource management

## PUBLICATIONS

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### Peer-Reviewed Books

- 2022 **Schwartz, C.W.**; Plog, S.; Gilman, P.A. (Eds.) *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*. The University of Arizona Press, Tucson.

### Peer-Reviewed Journal Articles:

- 2022 Dolan, S.G.; Ozga, A.T.; Laumbach, K.W.; Krigbaum, J.; Manin, A.; **Schwartz, C.W.**; Stone, A.C.; Knudson, K.J. "Turkey Iconography, Domestication, and Husbandry in the Mimbres Valley, New Mexico, AD 1000-1130". *American Antiquity* 88(1):41-61. DOI: [10.1017/aaq.2022.81](https://doi.org/10.1017/aaq.2022.81).
- 2021 Shepard, L.M.; Russell, W.G.; **Schwartz, C.W.**; Weiner, R.S.; Nelson, B.A. The Social Use and Value of Blue-Green Stone Mosaics at Sites within Canal System 2, Phoenix Basin, Hohokam Regional System. *American Antiquity* 86(3):486-503. DOI: [10.1017/aaq.2020.111](https://doi.org/10.1017/aaq.2020.111).

- 2021 **Schwartz, C.W.**; Somerville, A.D.; Nelson, B.A.; Knudson, K.J. Investigating Pre-Hispanic Scarlet Macaw Origins through Radiogenic Strontium Isotope Analysis at Paquimé in Chihuahua, Mexico. *Journal of Anthropological Archaeology* 61:101256. DOI: [10.1016/j.jaa.2020.101256](https://doi.org/10.1016/j.jaa.2020.101256).
- 2018 **Schwartz, C.W.** A Contextual Analysis of Ritual Fauna and Socially Integrative Architecture in the Tonto Basin, Arizona. *Kiva* 84(3):317–341. DOI:[10.1080/00231940.2018.1463684](https://doi.org/10.1080/00231940.2018.1463684).

Peer-Reviewed Book Chapters:

- 2022 **Schwartz, C.W.** “Macaws and Parrots of the Flagstaff Area”. In, *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*, edited by C.W. Schwartz, S. Plog, & P.A. Gilman, pp. 156-182. The University of Arizona Press, Tucson.
- 2022 **Schwartz, C.W.**; Taylor, K.L.M.; Hegmon, M. “The Human Experience of Transporting and Raising Scarlet Macaws at Paquimé in Northern Chihuahua, México”. In, *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*, edited by C.W. Schwartz, S. Plog, & P.A. Gilman, pp. 297-320. The University of Arizona Press, Tucson.
- 2022 **Schwartz, C.W.**; Plog, S.; Gilman, P.A. “Exploring Variation in the Frequency and Context of Macaws and Parrots in the US Southwest and Mexican Northwest”. In, *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*, edited by C.W. Schwartz, S. Plog, & P.A. Gilman, pp. 321-346. The University of Arizona Press, Tucson.
- 2022 Plog, S.; **Schwartz, C.W.**; Gilman, P.A. “Birds of the Sun: The Many Dimensions of Macaws and Parrots in the Lives of the Pre-Hispanic People of the U.S. Southwest and Mexican Northwest”. In, *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*, edited by C.W. Schwartz, S. Plog, & P.A. Gilman, pp. 3-28. The University of Arizona Press, Tucson.
- 2022 Nelson, B.A.; Punzo Díaz, J.L.; **Schwartz, C.W.** “Macaw and Parrot Use from Mesoamerica to the US Southwest”. In, *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest*, edited by C.W. Schwartz, S. Plog, & P.A. Gilman, pp. 60-76. The University of Arizona Press, Tucson.
- 2019 Baller, K.; Lorang, M.; **Schwartz, C.W.**; Morehart, C. “Analysis of Archaeobotanical Samples from Cuychen”. In *The Realm Below: Speleoarchaeological Investigations in the Macal River Valley, Belize*, edited by C. Helmke, pp. 195-203. Precolumbia Mesoweb Press, San Francisco.

Public-Facing Publications:

- 2022 Bishop, K.J.; **Schwartz, C.W.** (Eds.) “[Revisiting Birds in the Southwest](#)”. *Archaeology Southwest Magazine* 35(1/2).
- 2022 **Schwartz, C.W.**; Bishop K.J. “Revisiting Birds in the Southwest”. *Archaeology Southwest Magazine* 35(1/2):3-4.

- 2022 **Schwartz, C.W.** “Scarlet Macaws and Placemaking in the pre-Hispanic U.S. Southwest and Mexican Northwest”. *Archaeology Southwest Magazine* 35(1/2):24-26.
- 2022 Gilman, P.A.; Plog, S.; **Schwartz, C.W.** “Macaws in Mesoamerica and Across the U.S. Southwest and Mexican Northwest”. *Archaeology Southwest Magazine* 35(1/2): 16-18.
- 2021 **Schwartz, C.W.** “[The Long-Term History of Scarlet Macaws in the Southwest](#)”. *Arizona Daily Sun*, Museum of Northern Arizona Science Saturday Column.

## MANUSCRIPTS IN PREPARATION

\* = Peer-reviewed

- \*In press Oas, S.E.; **Schwartz, C.W.** “Examining Patterns in Turkey Management in the Cibola Region, A.D. 1150-1400”. Peer-reviewed book chapter in *Exploring the History of Turkey Domestication and Management*. Edited by A. Manin, C. Speller, E. Corona & E. Thornton.
- In rev. **Schwartz, C.W.**; Punzo Díaz, J.L.; Nelson, B.A. “Pájaros del Fuego: La Cría de las Guacamayas en el Norte Prehispánico”. Invited article in review at *Arqueología Mexicana*.
- In prep. Oas, S.E.; **Schwartz, C.W.** “A feast of meat, a day of sociability”: Archaeological and Isotopic Evidence of Turkey (*Meleagris gallopavo*) Management in the Cibola Region, A.D. 1150-1400. Article in preparation for submission to *Journal of Archaeological Science*.

## RESEARCH GRANTS & FUNDING RECEIVED

### External Grants:

- In rev. National Endowment for the Humanities: Implementation Award. \$348,925  
*Digital Reference Collection for the La Quemada-Malpaso Valley Archaeological Project*, PI: C. Nicholson, Co-PIs: A.L. Torvinen; B.A. Nelson; C.W. Schwartz
- 2022 Arizona Archaeological and Historical Society Travel Grant. \$500
- 2021 Arizona Archaeological and Historical Society Book Subvention Award. \$2,000  
*Birds of the Sun: Macaws and People in the US Southwest and Mexican Northwest*, C.W. Schwartz; S. Plog; P.A. Gilman
- 2020 Fred Plog Memorial Fellowship, Society for American Archaeology. \$500
- 2019 National Science Foundation Doctoral Dissertation Improvement Grant. \$17,138  
*Long Distance Trade and Social Complexity*, PI: B.A. Nelson, Co-PIs: K.J. Knudson; C.W. Schwartz
- 2019 PaleoWest Foundation Graduate Scholarship. \$2,000
- 2018 Arizona Archaeological and Historical Society Research Grant. \$500  
*Wupatki Macaw Project*
- 2016 Arizona Archaeological and Historical Society Research Grant. \$875  
*Cibola Turkey Project*, S.E. Oas; C.W. Schwartz
- 2016 Arizona Archaeological and Historical Society Travel Grant. \$433

### Internal Research Grants (ASU):

- 2019 School of Human Evolution & Social Change Research Grant. \$3,000.  
*Ancient Mitochondrial DNA Analysis of Turkey Remains in the U.S. Southwest*, with S. Winingear; S.E. Oas
- 2019 Graduate & Professional Student Association Research Support Grant. \$1,979.

*Scarlet Macaws, Distant Exchange, and the Establishment of Central Places in the US Southwest and Mexican Northwest, ca. 900-1450 CE*

- 2017 School of Human Evolution & Social Change Research Grant. \$2,784.  
*Investigating Prehispanic Macaw Keeping through Radiogenic Strontium Isotope Analysis at Paquimé in Chihuahua, Mexico*

Internal Travel Grants (ASU/NAU):

- 2022 School of Behavioral Sciences Dean's Travel Award. \$250  
2020 Graduate & Professional Student Association. \$950  
2019 Graduate & Professional Student Association. \$784  
2018 Graduate & Professional Student Association. \$950  
2017 Graduate & Professional Student Association. \$950  
2016 Graduate & Professional Student Association. \$260  
2016 Graduate & Professional Student Association. \$690  
2015 Graduate & Professional Student Association. \$841  
2014 Graduate & Professional Student Association. \$552

**AWARDS & HONORS**

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- 2021 Powers Prize, Pecos Conference.  
2020 Graduate Excellence Award, College of Liberal Arts & Sciences.  
2019 Directorate Teaching Award, School of Human Evolution & Social Change.  
2019 Honorable Mention, Ruppé Prize in Archaeology, School of Human Evolution & Social Change.  
2019 Graduate Excellence Award, College of Liberal Arts & Sciences.  
2017 Student Leader Award, College of Liberal Arts & Sciences.  
2016 Graduate Excellence Award, College of Liberal Arts & Sciences.  
2013 Research Fellowship, School of Human Evolution & Social Change. 5 yrs, \$18,000/yr  
2012 Jose Franco & Francisco Ocampo Quesada Research Award, Barrett, the Honors College.  
2011 Southwest Archaeology Award, Dons & Doñas of Arizona.  
2011 Student Convocation Speaker, Barrett, the Honors College.  
2004 Provost's Scholarship, Arizona State University. 4 yrs, \$6,500/yr

**INVITED TALKS**

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- 2022 **Schwartz C.W.** The Pre-Hispanic Parrot Trade: Scarlet Macaws in the U.S. Southwest and Mexican Northwest. San Juan Basin Archaeological Society, Zoom. October 12. Video: [https://youtu.be/g4o\\_AW\\_CEGc](https://youtu.be/g4o_AW_CEGc).
- 2022 **Schwartz C.W.** Birds of the Sun: Scarlet Macaws in the U.S. Southwest and Mexican Northwest. The Pre-Columbian Society of Washington, D.C., Zoom. July 8.
- 2022 **Schwartz C.W.** Birds of the Sun in the Hinterlands. Arizona Archaeological Society, Yavapai Chapter, Prescott, AZ. June 22.
- 2022 Gilman, P.A.; Plog, S.; **Schwartz, C.W.** Birds of the Sun: Macaws, Parrots, and People. Amerind Online Speaker Series, Amerind Foundation, Zoom. May 21. Video: <https://youtu.be/BL55tDI3I6U>

- 2022 **Schwartz, C.W.**; Gilman, P.A.; Plog, S. Birds of the Sun: Macaws, Parrots, and People. Archaeology Café, Avian Archaeology Series, Archaeology Southwest, Zoom. May 3. Video: <https://youtu.be/1zAJWPR9a7o>
- 2022 **Schwartz, C.W.** Long-Distance Trade Relations and Interaction between the US Southwest, Mexican Northwest, and Mesoamerica. Arizona Archaeological Society, Phoenix Chapter, Zoom. March 8.
- 2021 **Schwartz C.W.** A Globalized Past? Long-Distance Exchange in the US Southwest and Mexican Northwest. Arizona Archaeological Society, Desert Foothills Chapter, Cave Creek, AZ. November 3 (postponed due to pandemic).
- 2021 **Schwartz, C.W.** “*Polly want a kernel?*”: Transporting and Raising Scarlet Macaws in the pre-Hispanic US Southwest and Mexican Northwest. Arizona Archaeological Society, Phoenix Chapter, Zoom. October 12.
- 2021 **Schwartz, C.W.** Scarlet Macaws, Long-Distance Exchange, and Placemaking in the pre-Hispanic U.S. Southwest and Mexican Northwest. Crow Canyon Webinar Series, Colorado Archaeological Society, Hisatsinom Chapter, Zoom. July 15. Video: [https://youtu.be/c\\_4IZ03VbKQ](https://youtu.be/c_4IZ03VbKQ)
- 2021 **Schwartz, C.W.** A Globalized Past? Long-Distance Exchange in the US Southwest and Mexican Northwest. Arizona Archaeological Society, Desert Foothills Chapter, Zoom. May 12.
- 2021 **Schwartz, C.W.** ¿Debemos repensar las conexiones distantes de Paquimé? Explorando los orígenes de los guacamayos a través del análisis de isótopos de estroncio radiogénico. Escuela de Antropología e Historia del Norte de México Seminario de Arqueología e Historia del Norte de México: Arqueometría en el Norte de Mexico, Blue Jeans. April 23. Video: [https://fb.watch/6\\_D96o7aQ9/](https://fb.watch/6_D96o7aQ9/)
- 2021 Gilman, P.A.; Plog, S.; **Schwartz, C.W.** Macaws and Parrots in the Ancient Southwestern United States and Northwestern Mexico. Arizona Archaeological Society, Desert Foothills Chapter, Zoom. March 10.
- 2021 **Schwartz, C.W.** Local Origins, Distant Connections: Macaws, Exchange, and Placemaking in the Pre-Hispanic US Southwest and Mexican Northwest. University of Missouri Graduate Anthropology Association Brown Bag Series, Zoom. February 5.
- 2019 **Schwartz, C.W.**; Plog, S.; Gilman, P.A. Macaws and Parrots in the Ancient Southwestern United States and Northwestern Mexico. Amerind Foundation Brown Bag Series, Dragoon, AZ. April 8.
- 2018 **Schwartz, C.W.**; Nelson, B.A. The Hohokam Were Not Alone: An Exploration of Distant Connections. Archaeology Festival: Culture and Traditional Lifeways and Technologies of the Southwest, Deer Valley Petroglyph Preserve, Phoenix, AZ. March 14
- 2017 **Schwartz, C.W.**; Nelson, B.A. Osher Lifelong Learning Institute Course: Prehispanic Globalization: Distant Indigenous Connections of the Southwest U.S., Phoenix, AZ. February 13

- 2016 Nelson, B.A.; **Schwartz, C.W.** Macaws, Chocolate, and Turquoise: The Southwest-Mesoamerican Connection. 13<sup>th</sup> Annual Celebraciones de la Gente Festival, Museum of Northern Arizona, Flagstaff, AZ. October 22.
- 2016 **Schwartz, C.W.**; Nelson, B.A. Osher Lifelong Learning Institute Course: The Hohokam Were Not Alone: An Exploration of Distant Connections, Phoenix, AZ. November 14.

## **CONFERENCES & SEMINARS ORGANIZED**

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### Conferences:

- 2019 Southern Southwest Archaeological Conference. Pueblo Grande Museum, Phoenix, AZ. January 11-12.

### Seminars:

- 2019 Amerind Foundation Advanced Seminar: Macaws and Parrots in the Ancient Southwestern United States and Northwestern Mexico. Co-organized with P.A. Gilman and S. Plog. Amerind Foundation, Dragoon, AZ. April 6-8.

### Conference Symposia:

- 2023 Southwest Symposium Archaeological Conference Paper Session: Emergent Material Networks in the US Southwest and Mexican Northwest and Beyond. Co-chair with A. Torvinen & R. Bischoff. 18<sup>th</sup> Biennial Southwest Symposium Archaeological Conference, Santa Fe, NM. January 5-7.
- 2021 Society for American Archaeology Paper Symposium: Birds in Archaeology: New Approaches to Understanding the Diverse Roles of Birds in the Past. Co-chair with K.J. Bishop & R. Fladeboe. 86<sup>th</sup> Meeting for the Society for American Archaeology, virtual. April 14-18.
- 2020 Society for American Archaeology Paper Symposium: Birds in Archaeology: New Approaches to Understanding the Diverse Roles of Birds in the Past. Co-chair with K.J. Bishop & R. Fladeboe. Paper symposium accepted for the 85<sup>th</sup> Meeting for the Society for American Archaeology, Austin, TX. April 22-26.
- 2016 Society for American Archaeology Paper Symposium: Connections in the American Southwest. 81<sup>st</sup> Meeting of the Society for American Archaeology, Orlando, FL. April 10.

## **INVITED SEMINARS**

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- 2022 Amerind Foundation Advanced Seminar: Place-Making in Indigenous Communities in Mesoamerica and the US Southwest. Organized by G. Vail & R. Faulseit. Amerind Foundation, Dragoon, AZ, August 4-8.

## **CONFERENCE PRESENTATIONS**

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- 2023 **Schwartz, C.W.** Scarlet Macaws and Placemaking in the U.S. Southwest and Mexican Northwest. Invited paper presented at the 88<sup>th</sup> Meeting of the Society for American Archaeology, Portland, OR. March 29-April 2.

- 2023 Dolan, S.G.; **Schwartz, C.W.**; Gilman, P.A. Eleventh Century Aviculture in the Mimbres Valley: An Archaeology of the Human Experience Approach. Invited paper presented at the 88<sup>th</sup> Meeting of the Society for American Archaeology, Portland, OR. March 29-April 2.
- 2023 George, R.J.; **Schwartz, C.W.**; Plog, S.; Gilman, P.A.; Kennett, D.L. Scarlet Macaws Avicultural Dynamics in Southern Arizona. Invited paper presented at the 88<sup>th</sup> Meeting of the Society for American Archaeology, Portland, OR. March 29-April 2.
- 2023 Peltzer, S.A.; Kelly, K.; Arp, R.; **Schwartz, C.W.** Groundstone Analysis from West Phoenix Basin Hohokam Village Sites. Poster presented at the 88<sup>th</sup> Meeting of the Society for American Archaeology, Portland, OR. March 29-April 2.
- 2023 Punzo Díaz, J.L.; Nelson, B.A.; **Schwartz, C.W.**; Gastellum Strozzi, A. Metal Networks between West Mexico and the Southwest. Invited paper presented at the 18<sup>th</sup> Biennial Southwest Symposium Archaeological Conference, Santa Fe, NM. January 5-7.
- 2022 **Schwartz C.W.**; Punzo Díaz, J.L.; Nelson, B.A. *Pajaros del Fuego*: Macaws and Parrots from Mesoamerica to the U.S. Southwest/Mexican Northwest. Invited paper presented at the 87<sup>th</sup> Meeting of the Society for American Archaeology, Chicago, IL. March 30-April 3.
- 2022 Plog, S.; **Schwartz C.W.**; Kennett, D.J.; Gilman, P.A. Birds of the Sun: Scarlet Macaws in the Southwestern United States and Northwestern Mexico and Their Relationships to Mesoamerica. Invited paper presented at the 87<sup>th</sup> Meeting of the Society for American Archaeology, Chicago, IL. March 30-April 3.
- 2021 Vail, G.; Campbell, W.; Christenson, A.; Faulseit, R.; Laluk, N.; Maxwell, J.; **Schwartz C.W.** “Place-Making in Indigenous Communities in Mesoamerica and the US Southwest.” Roundtable at the 2021 American Society for Ethnohistory Annual Meeting, virtual. November 10-14.
- 2021 **Schwartz C.W.** “*Polly want a kernel?*”: Transporting and Raising Scarlet Macaws in the pre-Hispanic US Southwest and Mexican Northwest. Powers Prize award-winning paper presented at the 2021 Pecos Conference, Mancos, CO. August 5-8.
- 2021 **Schwartz C.W.**; Taylor, K.L.M.; Hegmon, M. The Human Experience of Transporting and Raising Scarlet Macaws at Paquimé in Chihuahua, Mexico. Invited paper presented at the 86<sup>th</sup> Meeting of the Society for American Archaeology, virtual. April 14-18.
- 2020 **Schwartz C.W.**; Taylor, K.L.M. The Human Experience of Transporting and Raising Scarlet Macaws at Paquimé in Chihuahua, Mexico. Invited paper accepted for presentation at the 85<sup>th</sup> Meeting of the Society for American Archaeology, Austin, TX. April 22-26.
- 2019 **Schwartz C.W.** Elevating Animals: Exploring Ritual Fauna and Socially Integrative Architecture in the Tonto Basin. Invited paper presented at the 84<sup>th</sup> Meeting of the Society for American Archaeology, Albuquerque, NM. April 10-14.
- 2019 Oas, S.E.; **Schwartz C.W.** “A feast of meat, a day of sociability”: Examining Patterns in Turkey Management in the Cibola Region, AD 1150-1400. Invited paper presented at the 84<sup>th</sup> Meeting of the Society for American Archaeology, Albuquerque, NM. April 10-14.

- 2019 Rodriguez Zariñan, N.; **Schwartz C.W.**; Nelson, B.A. Canids in the Faunal and Iconographic Record at La Quemada: An Analysis from the Perspective of Huichol Ethnography. Invited paper presented at the 84<sup>th</sup> Meeting of the Society for American Archaeology, Albuquerque, NM. April 10-14.
- 2019 Hundtoft, B.; **Schwartz C.W.**; Chase, A.S.Z.; Nelson, B.A. Uncovering a Globalized Past with the Connections Project: Highlighting Challenges Associated with Exploring Long-Distance Interaction between the Southwest US and Mexico. Invited paper presented at the 84<sup>th</sup> Meeting of the Society for American Archaeology, Albuquerque, NM. April 10-14.
- 2019 Shepard, L.; Russell, W.; **Schwartz C.W.**; Weiner, R. The social use and value of blue-green stone mosaics at sites within Canal System 2, Phoenix Basin, Hohokam regional system. Invited paper presented at the 84<sup>th</sup> Meeting of the Society for American Archaeology, Albuquerque, NM. April 10-14.
- 2018 **Schwartz, C.W.**; Somerville, A.D. Local Origins, Distant Connections: Exploring Prehispanic Macaw Exchange through Radiogenic Strontium Isotope Analysis at Paquimé, Chihuahua, Mexico. Paper presented at the 83rd Meeting of the Society for American Archaeology, Washington, DC. April 11-15.
- 2017 **Schwartz, C.W.**; Somerville, A.D. Investigating Pre-Hispanic Macaw Keeping through Radiogenic Strontium at Paquimé in Chihuahua, Mexico. Presented at the Current Research in Mesoamerican Archaeology Conference, Tempe, AZ. March 22.
- 2017 **Schwartz, C.W.** Exploring the Deposition of Fauna in Public Spaces in the Tonto Basin, Arizona. Poster presented at the 82nd Meeting of the Society for American Archaeology, Vancouver, BC, Canada. April 29-April 2.
- 2017 Shepard, L.M.; **Schwartz, C.W.**; Russell, W.G.; Weiner, R.S.; Nelson, B.A. Blue-green Stone Mosaics in the U.S. Southwest and Northwestern Mexico: Origins, Spatiotemporal Distribution and Potential Meanings. Paper presented at the 82nd Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- 2016 **Schwartz, C.W.**; Nelson, B.A.; Abbott, D.A. Differences in Mesoamerican Connections Across Hohokam Canal Systems of the Phoenix Basin, Arizona. Poster presented at the 81st Meeting of the Society for American Archaeology, Orlando, FL. April 6-10.
- 2015 **Schwartz, C.W.**; Zanotto, H.H.; Nelson, B.A.; Abbott, D.A. Intersite Difference in Distant Interactions, Hohokam Canal System 2, Phoenix Basin, Arizona. Poster presented at the 80th Meeting of the Society for American Archaeology, San Francisco, CA. April 15-19.
- 2012 **Schwartz, C.W.**; Cleland, R.M.; Nelson, B.A. Fauna as Ideology: Exploring Ritual Practices through Faunal Analysis at La Quemada, Zacatecas. Poster presented at the 77th Meeting of the Society for American Archaeology, Memphis, TN. April 18-22.

## **TEACHING & ADVISING**

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**Lecturer**, Northern Arizona University  
 Archaeological Method and Inference (ANT 636, Graduate, 2022S)  
 Ethics in Anthropological Research (ANT 520, Graduate, 2022S)



Southwestern Archaeology (ANT 517, Graduate, 2022S)  
Southwestern Archaeology (ANT 351, 2021F, 2022S)  
Archaeological Theory (ANT 635, Graduate, 2021F)  
Cultural Resource Management in the United States (ANT 560, Graduate, 2021F)

**Instructor of Record**, Arizona State University

Death and Dying in Cross-Cultural Perspective (ASB 353, 2019S)

**Graduate Teaching Assistant**, Arizona State University

Frauds, Myths, Mysteries: Pseudoscience in Archaeology. Instructor: Dr. Matt Peeples (ASB 333)

Buried Cities and Lost Tribes (Honors). Instructor: Dr. Laura Popova (ASB 222)

Global History of Health. Instructor: Dr. Brenda Baker (ASB 301)

**Online Graduate Teaching Associate**, Arizona State University

Death and Dying in Cross-Cultural Perspective. Instructor: Dr. Kelly Knudson (ASB 353)

Guest Lectures:

2021 “Scarlet Macaws, Radiogenic Strontium Isotope Analysis, and Placemaking in the U.S. Southwest and Mexican Northwest” for World Archaeology at Washington University in St. Louis. Instructor: Dr. Jacob Holland-Lulewicz.

2010 “Zooarchaeological Analysis at La Quemada” for archaeology students at the Universidad Autónoma de Zacatecas, Zacatecas, México.

Advising & Training:

**Undergraduate Student Mentorship**, Arizona State University

2017-2019 6 Undergraduate Research Interns trained and mentored in lab projects in Archaeological Chemistry Lab, Arizona State University.

2014-pres. 4 Graduate Students and 20 Undergraduate Research Interns in the US and Mexico trained and mentored in data collection as part of Connections Research Project, Arizona State University.

**MA Students**

Sean White (committee member), NAU, expected 2023

**ACADEMIC RESEARCH EXPERIENCE**

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Fieldwork:

2018-2019 **Field Archaeologist and Project Zooarchaeologist**, Chicoloapan-Coatepec Archaeological Project: Long Term Urban Change in Response to Societal Collapse. Stratigraphic excavation, soil-chemistry sampling, radiocarbon sampling, zooarchaeological analysis, photography.

2015-2016 **Field Archaeologist**, Collaborative Research: Polity and Urbanization at Teotihuacan, Mexico: Investigations at the Plaza of the Columns Complex. Stratigraphic excavation, soil-chemistry sampling, radiocarbon sampling, drone photogrammetry, artifact photography, database management.

2015 **Mapping Team Member**, Northern Basin of Mexico Historical and Ecological Project. Pedestrian survey, total station mapping, ceramic analysis.

- 2015 **Field Archaeologist**, Roots of Casas Grandes Archaeological Project.  
Pedestrian survey, stratigraphic excavation, radiocarbon sampling, photography.
- 2014 **Field Archaeologist**, Ongoing Excavations Associated with Restoration at Teotihuacán, México. Stratigraphic excavation, radiocarbon sampling, photography.
- 2011 **Student**, Castros de Néixon International Field School  
Stratigraphic excavation, radiocarbon sampling, magnetometry survey, photography.

Laboratory:

- 2014-2021 **Isotopic Analyst**, Archaeological Chemistry Laboratory, ASU.  
Sample preparation for modern and archaeological bone tissue, enamel, plant, soil, and hair, radiogenic strontium isotope analysis ( $^{87}\text{Sr}/^{86}\text{Sr}$ ), light stable isotope analyses ( $\text{d}^{13}\text{C}$ ,  $\text{d}^{15}\text{N}$ ,  $\text{d}^{13}\text{C}$ ,  $\text{d}^{18}\text{O}$ ), PrepFAST MC.
- 2011 **Bioarchaeology Research Intern**, Archaeological Research Institute, ASU.  
Identification of skeletal elements and bone pathologies, database entry for repatriation project under NAGPRA.

Collections & Archival:

- 2021-2022 **NAGPRA Team Member**, NAGPRA Repatriation/Disposition Compliance, NAU.  
Visualization and production of comprehensive relational database for repatriation/disposition process and oversight of graduate student team working on compiling reports & management of collections.
- 2013-pres. **Co-Director** (2020-pres.), **Data Collection & Database Manager** (2013-2021), Connections Research Project, Instituto Nacional de Antropología e Historia, México and ASU.  
Oversight of collaborative, international team of researchers in the US and Mexico. Management of 5000+ item database, creation of and transition to relational database (Microsoft Access), oversight of 20+ undergraduate interns and graduate student data collectors, creation of training materials.
- 2017-pres. **Database Manager**, La Quemada-Malpasos Valley Archaeological Project, Zacatecas, Mexico and ASU. Oversight of collections from LQ-MVAP in Zacatecas, Mexico, consultation with Instituto Nacional de Antropología e Historia to prepare archaeological materials for long-term curation, relational database management, artifact photography, oversight of Mexican and US student workers.

**SELECTED CULTURAL RESOURCE MANAGEMENT EXPERIENCE**

Fieldwork:

- 2023 **Field Director**, Cultural Resources Survey at Turkey Hills in East Flagstaff, Arizona.
- 2023 **Field Director**, Cultural Resources Survey for Weekes Watershed Regional Flood Control Facility Project in Apache Junction, Arizona.
- 2022 **Field Director**, AZ T:12:220(ASM) (Las Cremaciones) Phase II Data Recovery at 39<sup>th</sup> Avenue and Vineyard Road.

- 2022 **Crew Member**, AZ U:9:67 (La Lomita) Phase II Data Recovery at 40<sup>th</sup> Street and Loop 202 in Phoenix, Arizona.
- 2022 **Field Director**, AZ T:12:137(ASM) (Las Canopas) Phase I Archaeological Testing at 37<sup>th</sup> Street and Wier Road in Phoenix, Arizona.
- 2022 **Crew Leader**, Phase I Archaeological Testing at 99<sup>th</sup> Avenue and Broadway Road in Phoenix, Arizona.
- 2022 **Crew Member**, Cultural Resources Survey at Desert Sands Battery Storage Facility in Tonopah, Arizona.

### **CULTURAL RESOURCE MANAGEMENT & OTHER TECHNICAL REPORTS**

- 2023 **Schwartz, C.W.**; Arp, R.S. *NRHP Eligibility Evaluation Plan for Four Sites within the Lone Mountain Project in Peoria, Maricopa County, Arizona*. Cultural Resource Services Technical Paper No. 2023-01. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 **Schwartz, C.W.**; Arp, R.S. *A Research Design for the Turkey Hills Cultural Resources Survey Project in East Flagstaff, Coconino County, Arizona*. Cultural Resource Services Technical Paper No. 2022-41. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 **Schwartz, C.W.**; Arp, R.S. *End of Fieldwork Report for Phase II Data Recovery at AZ T:12:220(ASM)*. Cultural Resource Services Technical Paper No. 2022-36. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 Cross, N.; **Schwartz, C.W.** *Archaeological Survey of 13.2 Acres Located at the Southwest Corner of South 19th Avenue and West Olney Road in Phoenix, Arizona*. Cultural Resource Services Technical Paper No. 2022-31. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 Arp, R.S.; **Schwartz, C.W.** *Results of Phase I Testing at AZ T:12:137(ASM)*. Cultural Resource Services Technical Paper No. 2022-30. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 **Schwartz, C.W.** *Archaeological Survey of Desert Sands Battery Storage Facility Area in Tonopah, Maricopa County, Arizona*. Cultural Resource Services Technical Paper No. 2022-19. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 Arp, R.S.; **Schwartz, C.W.** *AZ T:12:137(ASM) Phase I Work Plan*. Cultural Resource Services Technical Paper No. 2022-18. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2022 Arp, R.S.; **Schwartz, C.W.**; Gordon, J. *Archaeological Survey of 1.08 Acres Located at 1st Street and Farmer in Tempe, Arizona*. Cultural Resource Services Technical Paper No. 2022-15. Environmental Planning Group, A Terracon Company. Tempe, AZ.

- 2022 **Schwartz, C.W.**; Gordon, J.; Oswald, C.W. *Archaeological Survey of 3410 N. 4th Avenue in Phoenix, Arizona*. Cultural Resource Services Technical Paper No. 2022-12. Environmental Planning Group, A Terracon Company. Tempe, AZ.
- 2017 **Schwartz, C.W.** “Frente B: Estructuras 25C-Sur y Este” *Proyecto Complejo Plaza de las Columnas, Teotihuacan: Informe de la Segunda Temporada 2016*. Instituto Nacional de Antropología e Historia., México, DF.
- 2016 Caseldine, C.; Frazier, M.; García, M.; Pacheco-Fores, S.; Cesaretti, R.; **Schwartz, C.W.**; Morehart, C.T. “Total Station Mapping Protocol at Los Mogotes”, Morehart, C.T. (Ed.) *The Northern Basin of Mexico Historical Ecology Project: Report of the 2015 Season*. Instituto Nacional de Antropología e Historia., México, DF.
- 2016 Morehart, C.T.; Cesaretti, R.; **Schwartz, C.W.** “Preliminary Analysis of Flaked Stone Tools from Los Mogotes”, Morehart, C.T. (Ed.) *The Northern Basin of Mexico Historical Ecology Project: Report of the 2015 Season*. Instituto Nacional de Antropología e Historia., México, DF.

## **PROFESSIONAL & UNIVERSITY SERVICE**

- 2021-pres. **Committee Member**, Student Paper Award Committee, Society for American Archaeology
- 2021-2022 **Faculty Advisor**, Student Association of Graduate Anthropologists, NAU
- 2018-pres. **Co-Founder & Co-Organizer**, Southern Southwest Archaeological Conference
- 2017-2018 **President**, Association of All Graduate Students of the School of Human Evolution & Social Change (SHESC), ASU
- 2016-2017 **Vice President**, Association of All Graduate Students of SHESC, ASU
- 2015-2017 **Travel Grant Reviewer**, Graduate & Professional Student Association, ASU
- 2015-2016 **Archaeology Approach Representative**, Association of All Graduate Students of SHESC, ASU
- 2015 **Centennial Professorship Award Reviewer**, Graduate & Professional Student Association, ASU
- 2014-2015 **Graduate Student Mentor**, Association of All Graduate Students of SHESC, ASU

## **COMMUNITY OUTREACH & CULTURAL/EDUCATIONAL COMPETENCY**

- 2023 **Panelist**, The Heritage Industry in the Valley of the Sun: Laws, Ethics, Stakeholders, and Employment
- 2021 **Panelist**, Travel Around Table: The Archaeologist Blueprint, The Traveler’s Blueprint Podcast. <https://twitter.com/TTBlueprint/status/1419674425432199168>
- 2021 **Participant**, Staff Council Diversity and Inclusion Conference, ASU
- 2020 **Reviewer**, Alumni Scholarship, Barrett, the Honors College
- 2019-pres. **Volunteer**, Skype a Scientist
- 2019 **Participant**, Doing Research in Indigenous Communities Conference, Arizona State University
- 2018 **Participant**, Graduate Student Mental Health Workshop, Association of All Graduate Students of the School of Human Evolution & Social Change (SHESC)
- 2017 **Panelist**, Preparing for Graduate School in the Social Sciences Workshop, ASU
- 2016, 2017 **Volunteer**, Night of the Open Door SHESC Teotihuacán Exhibit

- 2016 **Museum Exhibit Contributor**, “Distant Power: Centuries of Connection between Pre-Hispanic Mexico and the U.S. Southwest”, Innovation Gallery, Center for Archaeology and Society, SHESC, ASU
- 2016 **Ally Certification**, SafeZone Training, Arizona State University
- 2015 **Participant**, Cultural Sensitivity Training, Cultural Resources Department, Salt River Pima-Maricopa Indian Community
- 2015 **Volunteer Archaeologist**, Boy Scout Merit Badge Day, Deer Valley Rock Art Center

## **PEER REVIEW**

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**Ad hoc Grant Reviewer**, National Science Foundation Archaeology Program, National Science Foundation Human Networks and Data Science Program

**Ad hoc Article Reviewer**, *American Antiquity*, *eLife*, *Journal of Field Archaeology*, *Kiva*, *Proceedings of the National Academy of Sciences*

## **LANGUAGES**

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Spanish, proficient in speaking, writing, and reading

## **PROFESSIONAL MEMBERSHIPS**

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American Anthropological Association (AAA)  
Arizona Archaeological Council (AAC)  
Arizona Archaeological and Historical Society (AAHS)  
Coalition for Archaeological Synthesis (CfAS)  
Register of Professional Archaeologists (RPA)  
Society for American Archaeology (SAA)