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EDUCATION

- 2023 **PhD Anthropology**
Department of Anthropology
University of Nevada, Las Vegas
Focus: Bioarchaeology
Advisor: Debra Martin, PhD.
- 2016 **Master of Science**
Department of Anatomy and Neurobiology
Boston University School of Medicine
Focus: Forensic Anthropology
Advisor: Jonathan Bethard, PhD.
- 2011 **Bachelor of Arts**
Mount Holyoke College
Major: Ancient Studies
Minor: Anthropology

MASTER'S THESIS

Dental Cementum Increment Analysis and Estimating Season at Death in Humans.

DISSERTATION

Gendered Bodies, Engendered Lives: Bioarchaeological Exploration of the Intersectionality of Gender, Health, and Trauma at Turkey Creek Pueblo, Arizona (AD 1225-1286)

PUBLICATIONS

- 2023 **Ralston, C.E.**, Martin, D.L. (In Press). Mortuary patterns at Turkey Creek Pueblo: Gender and life history at a Mogollon Pueblo site (AD 1225-1286). *Bioarchaeology International*.
- Baustian, K.M., **Ralston, C.E.**, Calleja, M., Martin, D.L. (In Review). Women as Actors in Systems of Violence: Their Roles and Identities in the Precolonial U.S. Southwest. In C. Lee and K.M. Wolf (Eds.) *Hidden Lives: A Bioarchaeological Exploration of Women's Roles and Life Histories in Ancient Times*. Routledge.

- Martin, D.L., **Ralston, C.E.** (2023). Bioarchaeology and the Kayenta region. In A.L. Stodder and D.M. Mulhern (Eds.) *Readings in Southwestern Bioarchaeology*. University of Florida Press.
- 2022 Martin, D.L., Pérez-Flórez, A.M., **Ralston, C.**, Harrod, R.P. (2022). Interpreting trauma and social violence from skeletal remains. In A. Grauer (Ed.) *Routledge Handbook of Paleopathology* (pp. 502-519). Routledge.
- Martin, D.L. **Ralston, C.E.** (2023). *Gender Violence in the American Southwest (AD 1100-1300): Mothers, Sisters, Wives, Slaves*. Routledge.
- 2020 **Ralston, C.**, Martin, D.L. (2020). Working, living, and dying together: Rethinking marginality, sex, and heterarchy in Kayenta communities (AD 900-1150). *American Anthropologist: Vital Topics Forum* 122(4), 929-934.
- 2019 Adams, D., **Ralston, C.**, Sussman, R., Heim, K., Bethard, J. (2019). Impact of population-specific dental development on age estimation using dental atlases. *American Journal of Physical Anthropology*, 168(1), 190-199.
- Osterholtz, A., Lucas, V., **Ralston, C.**, Goncar, A., Bălos, A. (2019). Mortuary Practices in the First Iron-Age Romanian Frontier: The Commingled Assemblages of the Măgura Uroiului. In Martin, D.L. & Tica, C. (Eds.) *The Bioarchaeology of Frontiers and Borderlands*. University Press of Florida.
- 2016 Pokines, J., Sussman, R., Gough, M., **Ralston, C.**, McLeod, E., Brun, K., Kearns, A., Moore, T. (2016) Taphonomic Analysis of Rodentia and Lagomorpha Bone Gnawing Based upon Incisor Size. *Journal of Forensic Sciences* 62(1), 50-66.

Illustrations*

- 2020 Stone, P. (2020). Bound to please: The shaping of female beauty, gender theory, structural violence, and bioarchaeological investigations. In S. Guise Sheridan & L.A. Gregorica (Eds.), *Purposeful pain: The bioarchaeology of intentional suffering* (p. 39-62). Cham: Springer.

Illustration titled: Fig. 3.8 Adult female ribs and pelvis without corset use (a) and after corset use (b) (note the pelvic changes). Pg. 51

*I was approached by the author of this book chapter to create two illustrations demonstrating the suite of bony changes to the ribs and pelvis associated with consistent corset use in comparison to no corset use. The purpose of these illustrations was to show the bony changes to the ribs and pelvis in a single individual, as there was a noted lack of diagrams and/or images available demonstrating both skeletal changes in a single skeleton.

PRESENTATIONS

- 2023 Baustian, K.M., **Ralston, C.**, Calleja, M., Martin, D.L.. Women as Actors in Systems of Violence: Their Roles and Identities in the Precolonial U.S. Southwest. Paper presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR.
- 2022 **Ralston, C.**, Stone, P.K., Martin, D.L. Colonized Bodies and Descendant Voices:

Collaborative Narratives and Learning to Decolonize the Past Through Bioarchaeological Work in Belen, New Mexico. Poster presented at the 91st Annual Meeting of the American Association of Biological Anthropologists, Denver, CO.

Ralston, C., Martin, D.L. Atypical Burials at Turkey Creek Pueblo, Arizona: Implications for Gender Roles and Experiences of Disease and Trauma at a Mogollon Pueblo Site (AD 1225-1286). Poster presented at the 87th Annual Meeting of the Society for American Archaeology, Chicago, IL.

Adams, D. M., **Ralston, C.**, McGehee, K. Readability of Forensic Anthropological Abstracts. Paper presented at the 74th Annual Scientific meeting of the American Academy of Forensic Sciences, Seattle, WA.

Adams, D. M., McGehee, K., **Ralston, C.** The readability of bioanthropological abstracts and the implications for science communication. Paper presented at the 91st Annual Meeting of the American Association of Biological Anthropologists, Denver, CO.

2021 **Ralston, C.**, Martin, D., Stone, P., Perez, V. Recovering “Los Antepasados:” Bioarchaeology of a Historic Genízaro Community in Colonial New Mexico. Paper presented at the 86th Annual Meeting of the Society for American Archaeology, Online.

Freiberger, J. C., Martin, D.L., Stone, P.K., **Ralston, C.** Collaborating with Local Communities in Developing Conservation Bioarchaeology Projects: The Historic Belén Bioarchaeology Project. Poster presented at the 90th Annual Meeting of the American Association of Physical Anthropologists, Online.

2020 * **Ralston, C.**, Martin, D., Stone, P., Perez, V. Recovering “Los Antepasados:” Bioarchaeology of a Historic Genízaro Community in Colonial New Mexico. Paper presented at the 85th Annual Meeting of the Society for American Archaeology, Austin, Texas.

* Cancelled due to COVID-19

2019 **Ralston, C.**, Martin, D., Stone, P.K., Perez, V. (2019, October). Resilience and Resistance: Communities at risk along the Spanish borderlands in the 1700s. Poster presented at the 7th Annual Meeting of the Western Bioarchaeology Group Conference, Denver, Colorado.

Ralston, C., Martin, D. (2019, April). Working, living, and dying together: Rethinking marginality, sex, and heterarchy in Kayenta communities (AD 900-1150). Paper presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, New Mexico.

2018 **Ralston, C.**, Martin, D., Perez, V., Stone, P., Sisneros, S. (2018, November). Colonized bodies, resilient lives: Bioarchaeology of a Historic Genízaro Community in Belén, New Mexico. Poster presented at the 6th Annual Meeting of the Southwestern Association of Biological Anthropologists, Las Vegas, Nevada.

Pettit, A., **Ralston, C.** (2018, November). Utility of virtual anatomy-based learning. Podium presentation given at the 6th Annual Meeting of the Southwestern Association of Biological Anthropologists, Las Vegas, Nevada.

Ralston, C., Martin, D., Perez, V., Stone, P., Sisneros, S. (2018, September) Finding community in diversity: Bioarchaeology of a historic Genízaro community in colonial New Mexico. Poster presented at the 6th Annual Meeting of the Western Bioarchaeology Group Conference, Chico, California.

Ralston, C. (2018, May). Hot enough to kill? An evaluation of the temperature-aggression hypothesis using Las Vegas homicide rates (2006-2016). Podium presentation given at the 38th Annual Mountain Desert & Coastal Forensic Anthropologists Conference. Boulder City, Nevada.

Ralston, C. (2018, February) High Risk Endeavors: Mixed subsistence strategies and patterns of accidental trauma and interpersonal violence on Black Mesa (AD 900-1150). Paper presented at the 47th Annual Meeting of the Society for Cross-Cultural Research Conference, Las Vegas, Nevada.

Ralston, C. (2018, February) The Belén Plaza Vieja project: Excavation, preservation, and conservation of a historic Genízaro community. Poster presented at the 20th Graduate and Professional Student Research Forum, University of Nevada, Las Vegas, Nevada.

2017 **Ralston, C.** (2017, October) Embodied equality at Black Mesa, AZ (AD 900-1150): Interpreting male-female similarities in skeletal markers of stress. Poster presented at the 5th Annual Meeting of the Western Bioarchaeology Group Conference, Reno, Nevada.

Lucas, V., **Ralston, C.**, Osterholtz, A. Goncar, A., & Bálos, A. (2017, March) Sacrifice or Feasting: Fauna interpretations of the First Iron Age Romanian commingled assemblages at Măgura Uroiului. Paper presented at the 82nd Annual meeting of the Society for American Archaeology, Vancouver, BC.

2016 **Ralston, C.** (2016, October) An evaluation of dental cementum increment analysis for estimating season at death in humans. Poster presented at the 4th Annual Meeting of the Western Bioarchaeology Group Conference, Sonoma, California.

Ralston, C. (2016, April) Assessing the application of dental cementum increment analysis for determining season of death in humans. Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta, Georgia.

Adams, D., **Ralston, C.**, Sussman, R., Bethard, J. (2016, April) Impact of population-specific dental development on age estimation. Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta, Georgia.

PROFESSIONAL EXPERIENCE

2023-Present **Postdoctoral Scholar, University of Nevada, Las Vegas Forensic Anthropology and Bioarchaeology Lab (FAB Lab)**
Las Vegas, Nevada; July 2023-Present

Assist Dr. Jennifer Byrnes (D-ABFA) and graduate students with forensic anthropology case consultations with the Clark County Office of the Coroner/Medical Examiner, collaborate on ongoing FAB Lab research projects, teaching undergraduate courses in forensic anthropology and anthropology related topics, lab maintenance.

- 2018-2020 **Coroner Investigative Assistant, Clark County Office of the Coroner/ Medical Examiner**
Las Vegas, Nevada; March 2018-April, 2020.
- Assist coroner investigators with paperwork, data-input, and retrieval of decedent medical records from various medical facilities in Las Vegas and Henderson. Occasionally assist the forensics department with the maceration, cleaning, and reconstruction of decomposing, mostly skeletonized, and fragmentary individuals for detailed forensic analyses. Assist with the location, identification, and recovery of disarticulated human skeletal elements scattered in outdoor contexts due to scavenger activity or other processes (e.g. plane crash).
- 2017 **Forensic Anthropology Intern at the Clark County Office of the Coroner/Medical Examiner**
Las Vegas, Nevada; Fall 2017
- Observation of the positions and occupational responsibilities held by employees of the CCOCME, including administration, forensic death investigation, receiving, and autopsy. Assisted the staff of the CCOCME with the mass fatality incident of October 1st 2017. Conducted a research project utilizing the CME database and presented the results to the CCOCME staff, with the intent to present the results at a national academic conference, such as the American Academy of Forensic Sciences meetings.
- 2016 **Sectra Virtual Anatomy Technology Presenter at University of Nevada, Las Vegas Medical School Anatomy Program**
Las Vegas, Nevada; Fall 2016-present
- Demonstrate the Sectra Virtual Anatomy Table software programs, including the Virtual Dissector and Educational Portals, to medical school applicants. Position requires working knowledge of the technology and content of the programs.
- Graduate Assistant at University of Nevada, Las Vegas Anthropology Department**
Las Vegas, Nevada; Fall 2016 – Spring 2017
- Bioarchaeological collections curator. Organization and maintenance of osteological collections. Facilitation of repatriation activities.
- 2014 **Maceration lab technician for Boston University School of Medicine**
Boston, MA; Spring 2014
- Assisted in the preparation of anatomical teaching specimens. Participated in the removal of soft tissues and organs and the chemical treatment of skeletal remains.

ON-GOING FIELD RESEARCH

- 2017- Present **Site Supervisor with the Historic Belén Bioarchaeology Project (Formerly the Nuestra Señora de Belén Archaeological Field Project).**
Belen, New Mexico
(Project Directors: Dr. Debra Martin and Dr. Pamela Stone)

Excavation of the founding colonial mission church, associated plaza, and cemetery dating to the 18th and 19th centuries of Belén, New Mexico. This project seeks to reconstruct the demographic and health profile of the 18th century Genízaro cemetery population in Belen, New Mexico. Burial analyses will be combined with ethnohistorical narratives and archival records to better understand life during the dynamic colonial-historic time-period. In this role I supervise excavations on site, facilitate mapping and excavation documentation, and conduct osteological analyses in the lab.

Research Associate with the Historic Belén Bioarchaeology Project (Formerly the Nuestra Señora de Belén Archaeological Field Project,
Belen, NM
(Project Directors: Dr. Debra Martin and Dr. Pamela Stone)

Assisted the project directors with the composition, editing, and revision of a funded National Science Foundation grant for multi-year excavations.

Proposal ID: 2051184

Proposal Title: Enslavement and Marginalization on the Spanish Colonial Frontier: Bioarchaeological Reconstruction of Health and Demography of Genízaros in New Mexico (1800-1860).

Funded (\$300,611.00)

FIELD RESEARCH AND EXPERIENCE

2018 **Forensic Anthropology Support Team, Camp Fire**
Butte County, CA; November 2018

Provided forensic anthropology support to search and rescue efforts in Butte County, CA. Assisted volunteer search and rescue teams in the search and excavation of over 100 burned and collapsed structures for human remains. Working individually with a team of search and rescue volunteers or in anthropology strike teams dispatched to scenes where potential skeletal material was located, I was responsible for distinguishing between burnt and fragmentary human and nonhuman remains located through targeted search and rescue surveys for missing persons. I also assisted with the excavation and recovery of human remains when necessary.

Student Excavator with the University of Nevada, Las Vegas
Archaeological Field School at the Elk Ridge Site
Mimbres, NM: Summer 2018
(Project Director: Dr. Barbara Roth)

Excavated a Classic Mimbres (AD1000-1130) pueblo. Excavation, survey, mapping, diagramming, and proper excavation and artifact documentation techniques were emphasized. Learning how to identify and analyze lithics and ceramics were also emphasized. Participation in burial excavation, mapping, documentation and recovery were also a component.

2017 **Forensic Anthropology Assistant, October 1, 2017 Route 91 Harvest Music Festival Mass Shooting**
Las Vegas, NV; October, 2017

Assisted the forensic team with the identification of the 58 victims of the mass shooting. Assisted with ensuring that each individual was efficiently and fully processed as they arrived at the Clark County Office of the Coroner/Medical Examiner.

2016 **Field and Lab Assistant with Archaeotek-Canada**

Transylvania, Romania; Summer 2016
(Project Director: Dr. Anna Osterholtz)

Assisted the project director in the excavation and analysis of a medieval cemetery. Duties included assisting in the instruction of students in both field and lab contexts, the identification and analysis of fragmentary human remains, and giving lectures. Other responsibilities during the 2016 field season included the identification and analysis of zooarchaeological remains recovered from the 2015 excavation season.

2015 **Student Excavator with Archaeotek-Canada**

Transylvania, Romania; Summer 2015
(Project Director: Dr. Anna Osterholtz)

Excavated and analyzed commingled remains from a Bronze-Age funerary monument. Human and animal bone fragments were identified, refitted, and analyzed. Biological and taphonomic data were incorporated into a database constructed in FileMaker© for analysis of the distribution and spatial relationships between the animal and human remains within the monument.

2010 **Student Excavator with University of Massachusetts at Amherst**

Poggio Civitate, Tuscany; Summer 2010
(Project Director: Dr. Anthony Tuck)

Excavated a seventh century B.C. residential and monumental complex site. Basic trench excavation techniques, proper cleaning, curation, and cataloguing of artifacts were learned. Base-line and triangulation mapping techniques were also emphasized.

LABORATORY RESEARCH

2021-2022 University of Nevada, Las Vegas Nevada
Zape Skeletal Collection

Organizing, inventorying, coordinating and supervising analyses and re-analyses of skeletal data with other graduate students. Data collection part of a project to reexamine evidence of possible scurvy and stress among juvenile and adult remains within the collection.

2019 University of Nevada, Las Vegas Nevada
Kiel Ranch Skeletal Collection

Tenant's Cave Skeletal Collection

Organizing, packing, and assisting with transfer of skeletal materials to another institution (Kiel Ranch) and the Bureau of Land Management (BLM) (Tenant's Cave).

2018 University of Nevada, Las Vegas Nevada
Black Mesa Skeletal Collection

Inventorying, analyzing, organizing, packing, and assisting with the repatriation of skeletal materials.

University of Nevada, Las Vegas Nevada
Carlin Skeletal Collection

Inventorying, organizing, packing and assisting with the repatriation of skeletal materials.

2017 Arizona State Museum, Tucson Arizona

Kinishba Pueblo Skeletal Collection
Data collection as part of a larger study examining patterns of health, disease, and trauma in the greater American Southwest.

University of Nevada, Las Vegas Nevada
Niah Cave Skeletal Collection
Inventorying, organizing, packing and assisting with the repatriation of skeletal materials.

2016 Archaeotek-Canada
Deviant Mass Grave Funerary Archaeological Excavation
Oraseni (Harghita County) Transylvania, Romania
Identification and analysis of zooarchaeological remains recovered from multi-year excavations.

2015 Archaeotek-Canada
Commingled Remains Workshop
Uroi (Hunedoara County) Transylvania, Romania
Sorting, inventorying, and analyzing excavated human and animal skeletal remains.

TEACHING EXPERIENCE

2020-2023 **Co-Instructor of Anatomy at the Kirk Kerkorian School of Medicine at the University of Nevada, Las Vegas**
Las Vegas, NV: May 2020-Present

Development of course materials, including virtual learning modules and lab worksheets, and facilitation of lab activities with the Sectra Virtual Anatomy Table software programs, including the Virtual Dissector and Educational Portals. Facilitated the transition to remote instruction due to the COVID-19 pandemic and adapted course materials to suite remote work.

2021-2022 **Lab Teaching Assistant, University of Nevada Las Vegas School of Dental Medicine**
Las Vegas, NV: September- December, 2021

Facilitate lab set up and tear down. Hold office hours for student questions and access to lab materials for review.

2019 **Co-Instructor for the University of Massachusetts, Amherst Bioarchaeology and Forensic Anthropology Field School**
Amherst, MA; May 2019-July 2019.
(Project Director: Dr. Ventura Perez)

The purpose of the field school is to expose students to the various roles occupied by bioarcheologists, forensic anthropologists, and archaeologists in settings that require the excavation, analysis, and interpretation of skeletonized human remains. The primary objective of this annual course is to teach students the applied techniques and theoretical perspectives utilized and applied in both laboratory and field contexts by academic professionals. The field-based component of this course involves the excavation of a constructed crime scene burial and archaeological burials, through which the students learn proper excavation, documentation, and recovery techniques. The subsequent lab component of the course introduces the students to standard osteological methodologies and theoretical frameworks used to analyze and interpret human skeletal remains

recovered from excavations. As co-instructor, I was responsible for giving lectures, instructing students in excavation, laboratory techniques, and osteological analyses, as well as supervising students as they critically engage with their data, analyses, and interpretations throughout each stage of the field school.

2017-2020 **Graduate Teaching Assistant in Anatomy at University of Nevada, Las Vegas School of Medicine**
Las Vegas, Nevada; Fall 2017-Present

Development of course materials, including virtual learning modules, electronic iBook student resources, and student learning objectives, and facilitation of lab activities with the Sectra Virtual Anatomy Table software programs, including the Virtual Dissector and Educational Portals.

2017 **Co-Instructor: Department of Anthropology, University of Nevada, Las Vegas**
Las Vegas, Nevada; Fall 2017

Bioarchaeology

Instruction of students on the theory, research, and application of bioarchaeology and bioarchaeological techniques. Instruction included in-class lectures on various bioarchaeological research topics and case studies, and the development and facilitation of hands-on labs where students gained experience utilizing bioarchaeological techniques to assess and interpret human remains. Instruction also included grading under-graduate student in-class presentations and written assignments.

2016 **Instructor of Record: Department of Anthropology, University of Nevada, Las Vegas**
Las Vegas, Nevada; Fall 2016 –Spring 2017

Introduction to Physical Anthropology Lab

Instruction of students in the subfields and basic principles of biological anthropology, including the forces of evolution, non-human primates and early human ancestors, osteology, and construction of the biological profile. Instruction includes in-class lectures and facilitation of lab exercises, exam construction and implementation, and grading of assigned materials.

2015 **Teaching Assistant for Human Anatomy and Osteology**
Boston, MA; Fall 2015

Assisted the instructor with preparing class materials, composing test questions, and compiling study guides for students.

VOLUNTEER RESEARCH

2020 **Volunteer at the Nevada State Museum**
Las Vegas, Nevada

Volunteer activities included the maceration, cleaning, identification, inventory, analysis, and accessioning of zoological specimens for curation in the comparative skeletal faunal collection.

GUEST LECTURES

- 2021 University of Nevada, Las Vegas Lecture: Exploring the Intersectionality of Gender, Health, and Trauma at Turkey Creek Pueblo, Arizona (AD 1225-1286). Graduate Student Colloquium (Summer, 08/30/21).
- 2019 College of Southern Nevada: Forensic Anthropology Summit Lecture: Bones, Bodies, Lives: The Many Hats of Forensic Anthropologists. (Fall, 2019)
- 2019 University of Nevada, Las Vegas Lecture: Bones, Bodies, Lives: The Body in Bioarchaeology and Forensic Anthropology. *The Living Dead: Relics and Remains in a Global Context* (Fall, 2019)
- 2018 University of Nevada, Las Vegas Lecture: Bones, Bodies, Lives: The Body in Bioarchaeology and Forensic Anthropology. *The Living Dead: Relics and Remains in a Global Context* (Fall, 2018)
- 2017 University of Nevada, Las Vegas Lecture: Archaeology, Mass Graves and Human Rights. *Bones, Bodies, and Trauma: An Introduction to Physical Anthropology* (Spring, 2017).

UNIVERSITY AND EXTERNAL GRANTS

- 2020 Edwards and Olswang Scholarship Fund, Gendered Bodies, Engendered Lives Bioarchaeological Exploration of the Intersectionality of Gender, Health, and Trauma at Turkey Creek Pueblo, Arizona (AD 1225-1286) [\$2,900]
- 2017 Arizona Archaeological and Historical Society Research and Travel Grant, Belén Plaza Vieja Preservation Project: Excavation, Preservation, and Conservation of a Historic Genízaro Community [\$500]
- 2017 Friends of World Anthropology Scholarship, Belén Plaza Vieja Preservation Project: Excavation, Preservation, and Conservation of a Historic Genízaro Community [\$2,100.00]
- 2017 Graduate and Professional Student Association Summer Sponsorship Award, Belén Plaza Vieja Preservation Project: Excavation, Preservation, and Conservation of a Historic Genízaro Community [\$800.00]

UNIVERSITY AWARDS

- 2018 Graduate and Professional Student Association Poster Presentation Award, 1st Place: **Ralston, C.** (2018, February) The Belén Plaza Vieja project: Excavation, preservation, and conservation of a historic Genízaro community. Poster presented at the 20th Graduate and Professional Student Research Forum, University of Nevada, Las Vegas, Nevada. [\$200]

PROFESSIONAL CERTIFICATIONS

- 2019 Office of the Coroner Medical Examiner Training Bureau: Clark County Office of the Coroner/Medical Examiner Death Investigator Training Course.
- 2018 FEMA – Emergency Management Institute: Introduction to Incident Command System, ICS-100 (IS-00100.c)
- 2018 FEMA – Emergency Management Institute: ICS for Single Resource and Initial Action Incident, ICS-200 (IS-00200.b)
- 2018 FEMA – Emergency Management Institute: An Introduction to the National Incident Management System, IS-00700.b
- 2018 FEMA – Emergency Management Institute: National Response Framework, An Introduction, IS-00800.c

UNIVERSITY AND COMMUNITY SERVICE

- 2022 **Human versus Non-Human Bone Identification Workshop for the Lake Mead Cultural Resource Team and Law-Enforcement.**
(Lake Mead National Park, NV: October 6, 2022).

Assisted with the organization and implementation of a bone identification workshop for the Lake Mead Cultural Resource Team and local Law Enforcement agencies. Participants learned how to distinguish between human and nonhuman skeletal elements through hands-on activities where they were able to examine and compare nonhuman and human elements side by side.

Lost City Museum Archaeology Day
(Overton, NV: January 29, 2022)

Organized and participated in a hands-on four-hour event where families visit the Lost City Museum and interact with archaeologists and ask questions about our research. Facilitated a mock archaeological excavation at the event.

Peer-Mentoring Program, UNLV Anthropology Department
(Las Vegas, NV: Fall 2021- Present)

Participant in a graduate-student organized and facilitated Peer-Mentoring group. ABD or near ABD graduate students interact with incoming and junior graduate students to provide advice on ways to navigate the program.

- 2021 **Human versus Non-Human Bone Identification Workshop for the Moapa Band of Paiutes Tribe at the Moapa River Indian Reservation**
(Moapa, NV: November 19, 2021).

Assisted with the organization and implementation of a 2-hour bone identification workshop for the Moapa Band of Paiutes tribal members. Participants learned how to distinguish between human and nonhuman skeletal elements through hands-on activities where they were able to examine and compare nonhuman and human elements side by side. Facilitated discussion of lab procedures, data analysis and interpretation. This

workshop was requested by tribal members to assist them in their efforts to monitor their lands and was conducted in affiliation with the Lost City Museum (Overton, NV).

Red Rock Search and Rescue Bone Identification Workshop

(Las Vegas, March 3rd, 5th and 21st, 2021)

Assisted with the organization and implementation of a bone identification workshop for Red Rock Search and Rescue volunteers. Participants learned how to distinguish between human and nonhuman skeletal elements through hands-on activities where they were able to examine and compare nonhuman and human elements side by side.

2019

College of Southern Nevada Forensic Anthropology Summit: Department of Human Behavior & the Anthropology Club

(Las Vegas, NV; November 15, 2019)

The Forensic Anthropology Summit was organized to provide a forum for professionals and graduate and undergraduate students to present their current research or work in the field of forensic anthropology and discuss the various careers and applications of the discipline. My presentation focused on the various roles of forensic anthropologists, particularly as they relate to research, consultation and mass-fatality incidents and my experiences in those situations.

Presentation title: Bones, Bodies, Lives: The Many Hats of Forensic Anthropologists

Animal Bone Identification Workshop for College of Southern Nevada (CSN) Archaeological Lab Methods Course. Springs Preserve.

(Las Vegas, NV; December 6, 2019)

Assisted with the organization and implementation of a 2-hour bone identification workshop for the CSN Archaeological Lab Methods Course (Instructor: Dr. Leilani Lucas). Participants learned how to distinguish between human and nonhuman skeletal elements through hands-on activities where they were able to examine and compare nonhuman and human elements side by side. Facilitated discussion of lab procedures, data analysis and interpretation.

2018

The Nevada State Museum: Bone Identifications for Beginners

(Las Vegas, NV; November 10, 2018)

Assisted with the organization and implementation of a bone identification workshop for search and rescue volunteers and interested community members. Participants learned how to distinguish between human and nonhuman skeletal elements through hands-on activities where they were able to examine and compare nonhuman and human elements side by side.

2017-2018

Las Vegas Natural History Museum: “-Ologist” Day

(Las Vegas, NV: April 30, 2017)

(Las Vegas NV: April 30, 2018)

(Las Vegas, NV: April 28, 2019)

In participation with Nevada Science Week 2017, 2018, 2019. Theme: stations exhibiting the research topics of different scientific disciplines. Selected casts of bones for demonstration and answered questions about the various types of data Bioarchaeologists use to interpret ancient human remains for visiting families at the event.

2017 **Las Vegas Natural History Museum: Pleistocene Crime Scene**
(Las Vegas, NV: March 18, 2017).

Organized a station with activities and plastic casts of stone tools and bones that participating families could handle and ask questions about as they participated in the event.

Nevadans for Cultural Preservation (NVFCP) Workshop Fair
(Springs Preserve, Las Vegas, NV: November 4, 2017).

Theme: Hunting and Gathering. Co-presented a talk on the ways in which anthropologists distinguish between human and nonhuman bone and the information that can be obtained from osteological materials. Assisted with the organizational planning, set-up and breakdown of the workshop fair.

2016-2019 **Department of Anthropology Open House, University of Nevada, Las Vegas**
(Las Vegas, NV: Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019; Fall 2019).

PROFESSIONAL DEVELOPMENT

- 2020 American Academy of Forensic Sciences Workshop: The Murder of Women: A Global Issue that Demands Action. (February 18, 2020).
- 2020 Grad Rebel Writing Bootcamp, Graduate College, University of Nevada, Las Vegas (1/6/2020-1/10/2020).
- 2019 Certificate of Completion for the Office of the Coroner Medical Examiner Training Bureau: Clark County Office of the Coroner/Medical Examiner Death Investigator Training Course
- 2019 American Academy of Forensic Sciences Workshop: Interpreting Blunt Force Injuries in Bone: A Hands-On Approach. Steven A. Symes, PhD. and Ericka N. L'Abbe, PhD (February 18, 2019).

PROFESSIONAL AND UNIVERSITY ORGANIZATION MEMBERSHIP

American Anthropological Association 2020-2021
American Association of Biological Anthropologists 2014-present
Arizona Archaeological and Historical Society 2016-2021
Archaeological Institute of America 2016-2021
Society for American Archaeology 2018-present
Lambda Alpha National Anthropological Honors Society 2016-present

GRADUATE COURSEWORK

Advanced Osteology
Bioanthropology
Professional Skills
Zooarchaeology
Forensic Anthropology Techniques

Outdoor Crime Scene Investigation
 Elementary Biostatistics
 Advanced Crime Scene
 Taphonomy
 Mortuary Archaeology
 Bioarchaeology
 Expert Witness Testimony
 Forensic Anthropology Field Methods
 Applied Forensic Anthropology
 Forensic Entomology
 Topics in Biological Anthropology: Research Methods in Skeletal Analysis
 Disease in Antiquity
 Archaeological and Historic Preservation
 Quantitative Methods in Anthropology
 Research Design, Professional Ethics, and Grant Writing for Anthropologists
 Origins of Agriculture Seminar
 Anthropology of Violence
 Bioarchaeology
 Directed Reading on the Mogollon Culture

SPECIALIZED TRAINING/SKILLS

Bone and Dental Histology

Specimen preparation, mounting, and transmitted polarized light microscopy.

Anthropological and Archaeological Skills

Leica total station, TDS Recon data logger, GPS, soil pH
 FORDISC 3.1, human osteology, zooarchaeology, taphonomy, commingled remains excavation and analysis, human anatomy, construction of a biological profile, identification of antemortem, perimortem, or postmortem trauma, identification of bone pathologies, forensic case report writing, archaeological report writing, forensic mapping, fingerprint analysis, crime scene processing protocols, IRB submission protocols, biostatistics, maceration of human remains and preparation techniques for use as an anatomical teaching specimen, rudimentary understanding of entomological analyses.

HONORS

05/12/23 Outstanding Graduate Student	University of Nevada, Las Vegas
04/2018 Phi Kappa Phi	University of Nevada, Las Vegas.
05/2011 Magna Cum Laud	Mount Holyoke College
05/2011 Phi Beta Kappa	Mount Holyoke College
10/2009 Sarah Williston Scholar	Mount Holyoke College
10/2009 Sarah Williston Prize	Mount Holyoke College
05/2008 Jessie G. Spaulding Classics Prize	Mount Holyoke College