

## SARA L. JUENGST

Associate Professor of Anthropology  
University of North Carolina at Charlotte  
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### EDUCATION

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Ph.D. University of North Carolina at Chapel Hill, Anthropology, 2015  
“Community and Ritual on the Copacabana Peninsula (800 BC – AD 200).”  
Committee: Dale Hutchinson (chair), C. Margaret Scarry, Sergio Chávez, Brian Billman, Amanda L. Thompson  
B.A. Vanderbilt University, Anthropology, 2008

### POSITIONS

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2022-present	Associate professor, UNC Charlotte, Department of Anthropology
2017-2022	Assistant professor, UNC Charlotte, Department of Anthropology
2016-2017	Lecturer, UNC Charlotte, Department of Anthropology
2015-2016	Adjunct assistant professor, Appalachian State University, Department of Anthropology
2015	Instructor, Duke Talent Identification Program
2014	Lecturer, UNC Chapel Hill, William and Ida Friday Center for Continuing Education
2013	Instructor, UNC Chapel Hill, Department of Anthropology
2012	Instructor, UNC Greensboro, Department of Anthropology

### RESEARCH PROJECTS

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- Proyecto Arqueológico Ríos Culebra Colín (PARCC), with Sarah Rowe & Guy Duke
- Archaeology of the Guancavilca, Colonche Valley, Ecuador, with Maria Masucci & Benjamin Carter
- Archaeology of the early Holocene in the southern Andes, with José Capriles & Sergio Calla Maldonado
- The Yaya-Mama Archaeological Project, with Sergio Chávez, Stanislava Chávez, & Dale Hutchinson
- Archaeology of early agriculturalists in Eastern Africa, with the National Museum of Kenya and Steven Goldstein

**Research interests:** bioarchaeology, South America, social organization and community, environment, trauma, paleopathology, identity, anthropology of food, and power.

### PUBLICATIONS

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#### *Books*

2023 **Juengst, S. L.** *Cooperation and Hierarchy in Bolivia: Building Community with the Body*. Routledge.

2017 **Juengst, S.L. & Becker, S.K.** (Eds.). *The Bioarchaeology of Community*. Archaeological Papers of the American Anthropological Association Vol. 28. DOI: [10.1111/apaa.12083](https://doi.org/10.1111/apaa.12083).

#### *Special journal issues*

2020 Becker, S.K. & **Juengst, S.L.** (Eds.). Vital Topics Forum: Cooperative Bodies: Bioarchaeologists Address Non-Ranked Societies. *American Anthropologist*, 122(4): 891-940. DOI: [10.1111/aman.13497](https://doi.org/10.1111/aman.13497).

2017 **Juengst, S.L. & Berger, E.** (Eds.). Humans in Marginal Environments. *American Journal of Human Biology*, 29(4). DOI: [10.1002/ajhb.22913](https://doi.org/10.1002/ajhb.22913).

#### *Peer-reviewed journal articles*

2021 **Juengst, S.L., Hundman, B.L., Krigbaum, J., & Kamenov, G.** Exploring Dental Modification from Coastal Ecuador from an Unprovenanced Museum Collection. *Bioarchaeology International* 5(3-4): 99-123. DOI: [10.5744/bi.2020.0012](https://doi.org/10.5744/bi.2020.0012)

2021 **Juengst, S.L., Hutchinson, D.L., Chávez, K.M., Chávez, S.J., Chávez, S.R., Krigbaum, J., Schober, T. & Norr, L.** The Resiliency of Diet on the Copacabana Peninsula, Bolivia. *Journal of Anthropological Archaeology* 61: 101260. DOI: [10.1016/j.jaa.2020.101260](https://doi.org/10.1016/j.jaa.2020.101260).

- 2020 **Juengst**, S.L. The Bioarchaeology of Cooperation and Non-Hierarchical Power. *American Anthropologist* 122(4): 891-896. DOI: [10.1111/aman.13497](https://doi.org/10.1111/aman.13497).
- 2020 Murphy, M. S. & **Juengst**, S.L. Patterns of trauma across Andean South America: New discoveries and advances in interpretation. *International Journal of Paleopathology* 29: 35-44. DOI: [10.1016/j.ijpp.2019.09.004](https://doi.org/10.1016/j.ijpp.2019.09.004).
- 2019 **Juengst**, S.L., Lunniss, R.M., Bythell, A., & Ortiz Aguilu, J.J. A Unique Infant Mortuary Ritual from Salango, Ecuador, 100B.C. *Latin American Antiquity* 30(4): 851-856. DOI: [10.1017/laq.2019.79](https://doi.org/10.1017/laq.2019.79).
- 2019 **Juengst**, S.L., Capriles, J.M., Arribe Velasco, D., & Calle Maldonado, S. The First Reported Case of Trepanation from Tarija, Bolivia. *International Journal of Osteoarchaeology* 29:149–154. DOI: [10.1002/oa.2705](https://doi.org/10.1002/oa.2705).
- 2019 Gagnon, C.L. & **Juengst**, S.L. The Drink Embodied: theorizing an integrated bioarchaeological approach to the investigation of *chicha de maíz* consumption. *Bioarchaeology International* 3: 206–216. DOI: [10.5744/bi.2018.1024](https://doi.org/10.5744/bi.2018.1024).
- 2018 Turner, B.L., Bélisle, V., Davis, A.R., Skidmore, M., **Juengst**, S.L., Schaefer, B.J., Covey, R.A., & Bauer, B.S. Diet and foodways across five millennia in the Cusco region of Peru. *Journal of Archaeological Science* 98, 137-148. DOI: [10.1016/j.jas.2018.07.013](https://doi.org/10.1016/j.jas.2018.07.013).
- 2018 **Juengst**, S.L. Complexity and Power: a Bioarchaeological Analyses of the Copacabana Peninsula 800 BC – AD 200, *Bioarchaeology International* 2(1), 1-19. DOI: [10.5744/bi.2018.1013](https://doi.org/10.5744/bi.2018.1013).
- 2017 **Juengst**, S.L., Hutchinson, D.L., & Chávez, S.J. High-Altitude Agriculture in the Titicaca Basin (800 BCE – 200 CE): Impacts for Nutrition and Disease Load. *American Journal of Human Biology* 29(4), e22988. DOI: [10.1002/ajhb.22988](https://doi.org/10.1002/ajhb.22988).
- 2017 **Juengst**, S.L., Chávez, S.J., Hutchinson, D.L., & Chávez, S.R. Late Preceramic Forager-Herders from the Copacabana Peninsula in the Titicaca Basin of Bolivia: a Bioarchaeological Analysis. *International Journal of Osteoarchaeology* 27(3), 430-440. DOI: [10.1002/oa.2566](https://doi.org/10.1002/oa.2566).
- 2017 **Juengst**, S.L., Chávez, S.J., Hutchinson, D.L., & Chávez, K.M. Trauma in the Titicaca Basin, Bolivia, during the Late Intermediate Period (AD 1000 – 1450). *International Journal of Osteoarchaeology* 27(1), 67-75. DOI: [10.1002/oa.2469](https://doi.org/10.1002/oa.2469).
- 2017 Berger, E. & **Juengst**, S.L. Introduction: Humans in Marginal Environments: Adaptations among living and ancient peoples. *American Journal of Human Biology* 29(4), e23022. DOI: [10.1002/ajhb.23022](https://doi.org/10.1002/ajhb.23022).
- 2017 Butaric, L., Light, L.E.O., & **Juengst**, S.L. A Call to Action: Why Anthropologists Can (and Should) Join the Conversation on Climate Change through Education. *American Journal of Human Biology* 29(4), e23002. DOI: [10.1002/ajhb.23002](https://doi.org/10.1002/ajhb.23002).
- 2016 **Juengst**, S.L. & Skidmore, M. Health at the Edge of the Wari Empire: Skeletal Analyses from Hatun Cotuyoc, Peru. *Andean Past* 12, 101-131. [digitalcommons.library.umaine.edu/andean\\_past/vol12/iss1/7](https://digitalcommons.library.umaine.edu/andean_past/vol12/iss1/7)
- 2016 Senter, P. & **Juengst**, S.L. Record-breaking pain: a specimen of *Dilophosaurus wetherilli* with the greatest known number and variety of forelimb pathologies in a theropod dinosaur. *PLOS ONE* 11(2), e0149140. DOI: [10.1371/journal.pone.0149140](https://doi.org/10.1371/journal.pone.0149140).
- 2015 **Juengst**, S.L. & Chávez, S.J. Three Trepanned Skulls from the Copacabana Peninsula in the Titicaca Basin (200 BC – AD 1000). *International Journal of Paleopathology* 9, 20-27. DOI: [10.1016/j.ijpp.2014.11.005](https://doi.org/10.1016/j.ijpp.2014.11.005)

#### Peer-reviewed book chapters

- 2023 **Juengst**, S.L., Cobb, E., Hutchinson, D.L., Chávez, K.M., Chávez, S.J., & Chávez, S.R. Pathogens with Power: How diseases navigate human societies. In Smith, M.L. (ed.) *Power of Nature: Agency and the Archaeology of Human-Environmental Dynamics*. University of Denver Press, Denver CO, pp.116-136.
- 2022 **Juengst**, S.L., Hutchinson, D.L., Chávez, S.J., Krigbaum, J., Schober, T., Norr, L., & Bythell, A. Ritual, Feasting, and Community-Building on the Copacabana Peninsula, 800 BC-AD 200. In Hutchinson, D.L., Scarry, C.M., & Arbuckle B.A. (eds.). *Archaeology of Foodways*. University Press of Florida, Gainesville FL, pp. 88-110.
- 2020 **Juengst**, S.L. A Diachronic View of Violent Relations and Environmental Change in the Titicaca Basin, Bolivia. In Schug, G.R. (Ed.) *Routledge Handbook of the Bioarchaeology of Environmental Change*. Routledge Press, New York, pp. 345-363.
- 2017 **Juengst**, S.L. Inclusive Communities on the Copacabana Peninsula 1500 BC-AD 200. In **Juengst**, S.L. & Becker, S.K. (Eds). *The Bioarchaeology of Community*. Archaeological Papers of the American Anthropological Association 28, pp. 24-37.
- 2017 Becker, S.K. & **Juengst**, S.L. Introduction: Establishing a Bioarchaeology of Community. In **Juengst**, S.L. &

Becker, S.K. (Eds). *The Bioarchaeology of Community*. Archaeological Papers of the American Anthropological Association 28, pp. 6-12.

*Other publications*

- 2020 **Juengst, S.L.** Book Review: Social Skins of the Head: Body Beliefs and Ritual in Ancient Mesoamerica and the Andes. *Body & Religion* 3.2, 215-218. DOI: [10.1558/bar.18313](https://doi.org/10.1558/bar.18313).
- 2018 **Juengst, S.L.** Book Review: Ritual Violence in the Ancient Andes: Reconstructing Sacrifice on the North Coast of Peru. *The Latin Americanist* 62(2), 314-315. DOI: [10.1111/lla.12192](https://doi.org/10.1111/lla.12192).
- 2011 **Juengst, S.L.** Book Review: Hillforts of the Ancient Andes: Colla Warfare, Society, and Landscape. *Journal of Conflict Archaeology* 6(3):233–234. DOI: [10.1179/157407811X13160762840404](https://doi.org/10.1179/157407811X13160762840404).

## FELLOWSHIPS AND GRANTS

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- 2023-2024 ArtsxSci Grant, UNC Charlotte, co-PI
- 2022-2023 Faculty Research Grant, UNC Charlotte, PI
- 2022-2023 Innovation in Inclusive Excellence Grant, UNC Charlotte, co-PI
- 2020-2024 National Science Foundation Archaeology Program Senior Research Grant, subcontractor
- 2020-2022 Faculty Research Grant, UNC Charlotte, PI
- 2020 College of Liberal Arts and Sciences Faculty Grant, UNC Charlotte, PI
- 2020 Curtiss T. Brennan and Mary G. Brennan Foundation, PI
- 2019 Wenner-Gren Foundation Senior Research Grant, co-PI
- 2018-2019 Faculty Research Grant, UNC Charlotte, PI
- 2014 Sigma XI Grant-in-Aid-of-Research, PI
- 2014 Mellon Research Award, PI
- 2013 Timothy P. Mooney Fellowship, UNC Chapel Hill, PI
- 2012-2013 National Geographic Society, Young Explorer's Grant, PI
- 2011 Tinker Improvement Grant, Institute for the Study of the Americas, UNC Chapel Hill, PI
- 2010 Tinker Improvement Grant, Institute for the Study of the Americas, UNC Chapel Hill, PI

## PRESENTATIONS, POSTERS, AND INVITED LECTURES

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*Conferences and symposia organized:*

- 2023 Society for American Archaeology symposium, Finding Community in the Past and Present through the 2022 PARCC Field School at Buen Suceso, Ecuador, April 2, Portland OR.
- 2023 Southeastern Bioanthropology Interest Group (SEBIG) Annual Meeting, February 4, Charlotte NC.
- 2022 Andean Research Symposium hosted by UNC Charlotte, October 15, Charlotte NC.
- 2022 Society for American Archaeology symposium, Unstable Bodies: Integrating Chemical Isotopes and Critical Theory in Bioarchaeology. Sponsored by the Bioarchaeology Interest Group. April 2, Chicago IL.
- 2019 Society for American Archaeology symposium, Cooperative Bodies: Bioarchaeology of Non-Ranked Societies, April 13, Albuquerque NM.
- 2018 Skeletal Biology in the Carolinas 5<sup>th</sup> Annual Conference, February 10, Charlotte NC.
- 2016 American Association for Physical Anthropology symposium, Humans in Marginal Environments, April 9, Atlanta GA.
- 2015 Land and Other Identity-Based Rights, as part of the DNA and Indigeneity Workshop, hosted by the Intellectual Property Issues in Cultural Heritage Project, October 22-24, Vancouver BC.
- 2014 Society for American Archaeology symposium, Establishing a Bioarchaeology of Community, April 24, Austin TX.

*Invited lectures and presentations*

- 2023 "Lived experiences of disease and trauma among Manteño burials from Buen Suceso" to be presented with Zindy Cruz, Kepler Dimas, Mara Stumpf, & Mozelle Bowers, 87<sup>th</sup> Annual Meeting of the Society for American Archaeology, Portland OR, April 2.
- 2023 "Remembering Valdivia through a unique Manteño burial at Buen Suceso" to be presented with Mara Stumpf, Mozelle Bowers, & Zindy Cruz, 87<sup>th</sup> Annual Meeting of the Society for American Archaeology, Portland OR, April 2.
- 2023 "Children at the Heart of Buen Suceso" to be presented with Mozelle Bowers, 87<sup>th</sup> Annual Meeting of the Society for American Archaeology, Portland OR, April 2.

- 2023 “Go Their Own Way: Valdivia Countermovements at Buen Suceso” presented with Sarah Rowe and Guy Duke to the Canadian Latin American Archaeological Society, January 27.
- 2022 “Burying Kin: Mortuary Practices, Body Modification, and Social Relationships in Coastal Ecuador 100 BCE - 1000 CE” presented to the Maya Society of Minnesota, December 9.
- 2022 “Elements of Violence and Care in a Newly-Excavated Manteno Burial from Buen Suceso” presented at the Andean Research Symposium, UNC Charlotte, October 15.
- 2022 “Skeletal trauma and forensic interpretations of violence” invited speaker, Winthrop University, April 20.
- 2022 “Sand, stone, and sea: A mortuary and bioarchaeological investigation of identity and ontology at Salango, Ecuador (BCE 100- 300 CE)” presented with Abigail Bythell, Emilie Cobb, Zindy Cruz, & Richard Lunniss, 86<sup>th</sup> Annual Meeting of the Society for American Archaeology, Chicago IL, April 1.
- 2020 “The Bare Bones: Introduction to Bioarchaeology” invited speaker, Bowdoin University, November 2.
- 2020 “Career Paths for Anthropology Majors and Minors” Virtual Forum invited participant, Vanderbilt University, September 23.
- 2019 “When the Sky Turns Dark: Ritual Reactions to Volcanic Eruption and Food Scarcity in Coastal Ecuador, 100 BC” presented with Abigail Bythell and Richard Lunniss, American Anthropological Association, Vancouver BC, November 22.
- 2019 “El Poder en la Península de Copacabana durante el Periodo Formativo: Una Perspectiva Bioarqueológica” Universidad Mayor de San Andrés, La Paz, Bolivia, July 9.
- 2019 “Bioarchaeology at Buen Suceso: Questions and Current Investigations” PARCC Field School, Dos Mangas, Ecuador, June 26.
- 2019 “Bodies of Power: the Bioarchaeology of Cooperation” 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque NM, April 13.
- 2018 “Historias de Vida: Violencia y Medicina en los Andes antiguos” Universidad Técnica de Manabí, Portoviejo, Ecuador, June 6.
- 2018 “Across the Lake: Interregional Connections with the Tiwanaku Occupation of Copacabana” presented with David Hansen, Sergio Chávez, and Stanislava Chávez in the symposium “Regional Interaction during the Andean Middle Horizon: Ongoing Research in the Peruvian South Coast and Yungas” organized by C. Beth Koontz Scaffidi and Stephanie Bautista at the 83<sup>rd</sup> Annual Meeting of the Society of American Archaeology, Washington DC, April 15.
- 2018 “Carolinian Cosmopolitanism: Teaching about Race Relations in Other Countries at UNC Charlotte” 16<sup>th</sup> Annual Africana Studies Symposium, UNC Charlotte, February 23.
- 2018 “Holes in the Head: Violence and Skull Surgery in Ancient Bolivia” Central Carolinas American Institute for Archaeology 2017-2018 lecture series, Davidson College, January 21.
- 2017 “Building a Social Paleopathology: What Ancient Stress can tell us about Community” presented with Steven A. Wernke in the symposium “The Paleopathology of Andean South America: 20 Years of Advances and Future Prospects” organized by J. Marla Toyne, Haagan Klaus, and Melissa S. Murphy at the 44<sup>th</sup> Annual North American Meeting of the Paleopathology Association, New Orleans LA, April 18.
- 2017 “Stress and Daily Life in an Andean *reduccion* town: preliminary osteological analyses of juvenile burials in a church sacristy” presented with Manual Angel Mamani and Karissa Deiter in the symposium “Archaeological Microhistory at a Planned Colonial Town in Highland Peru” organized by Steven A. Wernke for the 82<sup>nd</sup> Annual Meeting of the Society of American Anthropology, Vancouver BC, Canada, March 30.
- 2017 “Mortuary analysis of juvenile burials in the sacristy of a Spanish colonial *reduccion* in the southern highlands of Peru” presented with Karissa Deiter, Manual Angel Mamani, and Antonia Villeseñor-Marchal in the symposium “Archaeological Microhistory at a Planned Colonial Town in Highland Peru” organized by Steven A. Wernke for the 82<sup>nd</sup> Annual Meeting of the Society of American Anthropology, Vancouver BC, Canada, March 30.
- 2017 “Ritual, Feasting, and Community-Building on the Copacabana Peninsula, 800 BC - AD 200” Ancient Foodways Conference: Integrative Approaches to Understanding Subsistence and Society in the Past, Chapel Hill NC, March 4.
- 2016 “Altitude Sickness: Health in the Titicaca Basin of Bolivia” presented in the symposium “Humans in Marginal Environments” organized by Elizabeth Berger and Sara L. Juengst for the 85<sup>th</sup> Annual American Association of Physical Anthropologists Meeting, Atlanta GA, April 14.

- 2016 “Identifying Chicha: A Paleopathological Investigation of Maize Beer Consumption” presented with Celeste Gagnon in the symposium “Paleopathology of Feasts and Famines” organized by Kristina Killgrove and Gillian Crane for the 43rd Annual North American Meeting of the Paleopathology Association, Atlanta GA, April 12.
- 2015 “Socio-Economic Change and Identity Creation on the Copacabana Peninsula (800 BC – AD 200)” presented in the symposium “Advances in Exploring Ethnogenesis and Ethnic Inequality in the (Bio)Archaeological Record” organized by Britney McIlvaine and Laurie Reitsema for the 84th Annual Meeting of the American Anthropological Association, Denver CO, November 21.
- 2015 “Inclusive Community and Identity on the Copacabana Peninsula during the Formative Period” presented in the symposium “See How We Are: Representing Identity in the Ancient Americas” organized by Sarahh Scher and Billie Follensbee at the 80th Annual Meeting of the Society for American Archaeology, San Francisco CA, April 18.
- 2014 “Community and Health in the Titicaca Basin during the Chiripa Period” presented in the symposium “Establishing a Bioarchaeology of Community” organized by Sara L. Juengst and Sara K. Becker for the 79th Annual Meeting of the Society for American Archaeology, Austin TX, April 24.

*Contributed presentations*

- 2023 “Elements of Violence and Care in a Newly Excavated Manteño Burial from Buen Suceso, Ecuador” to be presented with Sarah Rowe & Guy Duke at the Annual Meeting of the Institute for Andean Studies, January 15.
- 2022 “Sand, stone, and sea: A mortuary and bioarchaeological investigation of identity and ontology at Salango, Ecuador (BCE 100- 300 CE)” presented with Abigail Bythell, Emilie Cobb, Zindy Cruz, & Richard Lunniss, 6th Annual Meeting of the Southeast Bioanthropology Interest Group, March 19.
- 2021 “A Manteño Burial from Buen Suceso, Ecuador” presented with Sarah Rowe and Guy Duke, 86th Annual Meeting of the Society for American Archaeology, April 15.
- 2020 “Who and when? Dental modification in coastal Ecuador” presented with Brittany Hundman, 89th Annual Meeting of the American Association of Physical Anthropology, April 16.
- 2019 “A possible case of infant tuberculosis from Coastal Ecuador, 100BC” presented with Richard Lunniss, Northeast Andean and Amazonian Archaeology and Ethnohistory Conference, Providence RI, November 9.
- 2019 “Ritual and Death: A paleopathological analysis of skeletal remains from Salango, Ecuador during the Guangala Period (100 BCE-800 CE)” presented with Abigail Bythell and Richard Lunniss, 84th Annual Meeting of the Society for American Archaeology, Albuquerque NM, April 13.
- 2019 “Identity and Dental Modification in Prehispanic Ecuador” 88th Annual Meeting of the American Association of Physical Anthropology, Cleveland OH, March 30.
- 2019 “Paleopathology from Salango, Ecuador during the Guangala Period (100 BCE-800 CE)” presented with Abigail Bythell, 7th Annual Meeting of the Southeastern Bioanthropology Interest Group, Cullowhee NC, February 2.
- 2018 “Two Heads are Better than One: A Unique Mortuary Tradition from Salango, Ecuador” Research Symposium on Andean Archaeology, Charlotte NC, November 3.
- 2018 “Last Stop Before the Lowlands: Recent Archaeological Research in the Eastern Andes of Tarija, Bolivia” presented with José Capriles, Sergio Calla Maldonado, Patrick Duggan, and Freddy Paredes Rios, 37th Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory, October 21.
- 2017 “Shots Fired: Evidence for a Spanish-Inka Altercation in Copacabana, Bolivia” presented with Sergio Chávez and Stanislava Chávez, Northeastern Andean & Amazonian Archaeology and Ethnohistory Conference, Philadelphia PA, October 14.
- 2017 “Complexity without Hierarchy: Early Agriculturalists in Bolivia, 800 BC – AD 200” Southeastern Conference in Latin American Studies, Chapel Hill NC, March 24.
- 2016 “Artificial Cranial Modification on the Copacabana Peninsula” presented with David W. Hansen II and Sergio Chávez, 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta GA, April 14.
- 2016 “Bones and Beer: A Paleopathological Analysis of Maize Beer Consumption” 3rd Annual Skeletal Biology in the Carolinas Symposium, East Carolina University, Greenville NC, February 20.
- 2015 “Long-Distance Travelers in the Titicaca Basin during the Formative Period” 55th Annual Meeting of the Institute for Andean Studies, Berkeley CA, January 9.
- 2014 “Strontium Isotopes as a Way to Reconstruct Community” 1st Annual Osteology in the Carolinas



- Conference, Chapel Hill NC, February 8.
- 2013 “Using Strontium Isotopes to Identify Long-Distance Kin in the Titicaca Basin 1500 BC – AD 200” 1<sup>st</sup> Annual Meeting of the Mid-Atlantic Biological Anthropology Interest Group, Richmond VA, October 24.
- 2013 “Three Trepanned Skulls from the Copacabana Peninsula: Practice and Results” 81<sup>st</sup> Annual Meeting of the American Association of Physical Anthropology, Knoxville TN, April 10.
- 2013 “Regional Integration, Subsistence, and Health during the Early Horizon and Initial Period (800 BC – AD 400) in the Lake Titicaca Basin” presented with Dale Hutchinson and Sergio Chávez, 81<sup>st</sup> Annual Meeting of the American Association of Physical Anthropology, Knoxville TN, April 11.
- 2012 “Health of Archaic Foragers in the Titicaca Basin” presented with Sergio Chávez, 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis TN, April 19.
- 2011 “After the Fall: Trauma and Labor in the Late Intermediate Period at Ch'isi” presented with Sergio Chávez, 76<sup>th</sup> Annual Society for American Archaeology Meeting, Sacramento CA, March 31.

## TEACHING

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### *MA Students Supervised:*

#### **In progress:**

Kathryn Dull, Early Entry, Anthropology  
Sarah Edwards, Anthropology  
Blue Murillo, Anthropology  
Amanda Porter, Anthropology  
Taylor Recuero, Anthropology  
Anna Rorie, Early Entry, Anthropology

#### **Completed:**

Zera Camille Richardson, Anthropology  
*Thesis title:* Investigating the Lives of Black Children attending the Mt. Vernon Rosenwald School

Mara Stumpf, Early Entry, Anthropology  
*Thesis title:* Bioarchaeology and Cyborgs  
*Awards:* 2022 Department of Anthropology Excellence in Summer Research Award  
2022 Kathy Reichs Scholarship in Biological Anthropology

Mozelle Bowers, Anthropology, 2023  
*Thesis title:* Social Organization and Resource Sharing at Buen Suceso Based on the Analysis of Subadult Skeletal Remains  
*Awards:* 2022 Department of Anthropology Excellence in Summer Research Award

Olivia Kipple, Early Entry, Applied Anthropology  
*Thesis title:* The Skeletal Implications of Prolonged Intimate Partner Violence  
*Awards:* 2022 Department of Anthropology Excellence in Summer Research Award

Cassidy Russell, Early Entry, Anthropology, 2022  
*Thesis title:* Embodied Life Experiences: Bioarchaeological and Isotopic Analyses of Human Remains in southwest Nigeria  
*Awards:* 2022 Department of Anthropology Excellence in Summer Research Award

Y. Zindy Cruz, Anthropology, 2022  
*Thesis title:* Looking at the Guangala Culture through Strontium Isotopes: A Preliminary Study of Migration and Mobility in Salango, Ecuador  
*Awards:* 2021-2022 Minority Scholarships Committee DirectAMS Award  
2021-2022 Society for American Archaeology Historically Underrepresented Groups Scholarship  
2022 Department of Anthropology Excellence in Summer Research Award

Samantha Wiedre, Anthropology, 2022  
*Thesis title:* Osteoarthritis and the Effects on the Accuracy of Age at Death Estimation

Martha Gimson, Anthropology, 2021  
*Thesis title:* Locating the Enslaved Burial Ground at Rural Hill Plantation, Huntersville, North Carolina

Emilie Cobb, Anthropology, UNC Charlotte, 2021  
*Thesis title:* Dietary Identity at Salango: Stable Light Isotope Analysis of Guangala Period Burials (100 BCE – 800 CE)  
*Awards:* 2020-21 Thomas L. Reynolds Graduate Research Award (\$1500)

Ashley Shults, Anthropology, UNC Charlotte, 2020

*Thesis title:* Activity and Mobility during the Terminal Archaic Period in the Eastern Andes: A Bioarchaeological Analysis

*Awards:* Sigma Xi Grant-in-Aid of Research (\$925)

2019-20 Thomas L. Reynolds Graduate Research Award (\$1500)

Abigail Bythell, Anthropology, UNC Charlotte, 2019

*Thesis title:* A Paleopathological and Mortuary Analysis of Guangala Burials from Salango, Ecuador (100 BCE – AD 800)

*Awards:* UNC Charlotte College of Liberal Arts and Sciences Summer Graduate Fellowship (\$5000)

Elizabeth Johnson, Anthropology, UNC Charlotte, 2019

*Thesis title:* Paleopathological differences between the sexes in Bronze Age China: Implications for Inequality based on nutrition, trauma and physiological stress

Carita Westbrook, Anthropology, UNC Charlotte, 2019

*Thesis title:* Neoplastic Diseases in Pre-Hispanic Andeans: A Comparative Analysis on the Effects of Altitude between the Highlands and Coastal Regions

*MA Committee Member:*

**In progress:**

Connor Niewiadomski, Anthropology

Amelia Zytka, Public History

**Completed:**

Mikayla Hines, Anthropology, 2023

Ethan Gullledge, Anthropology, 2023

Rose Vetter, Anthropology, 2022

Mackenzie Sweitzer, Anthropology, 2020

Leah Walton, Latin American Studies, 2019

Cyrus Banikazemi, Anthropology, 2018

*Undergraduate Honors Students and Interns Supervised:*

**In progress:**

Drew Osman

Anna Rorie

**Completed:**

Aria Jarsocrak, 2022

Gabrielle Lopez, 2022

Tommy Duke, 2022

Kathleen Skellenger, 2022

Wani Babalola, 2021

Kathryn Dull, 2021

Blue Murillo, 2021

Bobbie Benton, 2020

Olivia Kipple, 2020

Mikayla Hines, 2020

Logan Clark, 2020

Erin Wood-Cattell, 2020

Jordan Hughbanks, 2019

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**COURSES TAUGHT**

*Undergraduate*

Bolivia: Past and Present

Critical Thinking and Communication: Race

Food, Nutrition and Culture

Forensic Anthropology

General Seminar in Anthropology Capstone Course

Human Evolution

Human Osteology

Introduction to Anthropology

Race and Anthropology  
Science and Society: Race, Science, and History

**Directed independent studies**

Andean iconography  
Archaeological survey of the Whitewater Center  
Bioarchaeology of food

*Graduate*

Bioarchaeology of Diet  
Bioarchaeological Methods  
Bolivia: Past and Present  
Issues in Archaeological Practice  
Power and Archaeology  
Practicum in Anthropology

**Directed readings:**

Advanced Human Osteology  
Andean Ritual  
Andean Ethnography  
Bioarchaeology of Children  
Bioarchaeology of Identity  
Conceptions of Age in Anthropology  
Gender and Bioarchaeology  
Methods in Strontium Isotope Analysis

**PROFESSIONAL ACTIVITIES**

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*Department, College, and University*

Graduate Program Director, Department of Anthropology, 2022-present  
Latin American Studies Program Visiting Assistant Professor search committee, 2023  
Fellow, NEXUS Networking Across the Disciplines, UNC Charlotte, 2022  
Department of Anthropology Archaeology of Mediterranean Cultures search committee, 2021-2022  
Department of Anthropology Workload Review Taskforce, 2021-2022  
Fellow, National Science Foundation Alliances for Graduate Education and the Professoriate (AGEP) North Carolina Alliance: An Institutional Transformation Model to Increase Minority STEM Doctoral Student and Faculty Success, 2020-2022.  
Faculty Affiliate, Latin American Studies Program, 2016-present.  
Department of Anthropology Graduate Program committee, 2016-present.  
Department of Anthropology Racial Diversity and Equity Taskforce, 2020-2021  
Latin American Studies Undergraduate committee, 2020-2021  
University Course & Curriculum committee, 2019-2021  
Faculty Council Alternate, College of Liberal Arts and Sciences, 2019-2021  
Latin American Studies Graduate committee, 2019-2020  
Department of Anthropology Lecturer in Southeastern Research search committee, 2018-2019.  
Department of Anthropology Majors recruitment task force, 2018-2019.  
Department of Anthropology Tenure-track Biological Anthropology search committee, 2017-2018.

*Professional Service*

Guest Associate Editor, *Bioarchaeology International*, 2022-2023  
Co-Chair, Bioarchaeology Interest Group, Society for American Archaeology, 2022-2025  
Chair, Minority Scholarships Committee, Society for American Archaeology, 2020-2023  
Minority Scholarships Committee, Society for American Archaeology, 2016-2019  
Judge, Western Biological Anthropology Interest Group annual meeting student poster competition, October 2016, Sonoma, CA.

*Reviewer,*

National Geographic Early Career/Level 1 Grants (annual)  
International Journal of Paleopathology (6)  
International Journal of Osteoarchaeology (5)



Bioarchaeology International (5)  
Latin American Antiquity (2)  
American Journal of Biological Anthropology (4)  
American Journal of Human Biology (2)  
Andean Past (2)  
Ñawpa Pacha (2)  
The Latin Americanist (2)  
Rowman & Littlefield Press (2)  
National Science Foundation Senior Grants, Archaeology Division (1)  
Cambridge University Press (1)  
University Press of Florida (1)

*Member,*

Society for American Archaeology  
American Association for Physical Anthropology  
Institute of Andean Studies  
Paleopathology Association  
American Anthropological Association  
Southeastern Archaeological Conference

*Community and Public Engagement:*

Cedar Grove Cemetery Preservation, archaeological consultant (ongoing)  
Mt. Vernon Rosenwald School Project, archaeological consultant (ongoing)  
Forensic Consultant, Gaston County Police Department (on call)  
UNC Charlotte Kids Fest, Archaeology booth (annual)  
Charlotte-Mecklenburg Schools class visit of the biological anthropology lab (annual)  
Archaeological Ethics Forum Panelist, American Institute of Archaeology, January 22, 2019.  
Seminar Leader, Charlotte Teacher's Institute, November 2017.

*Public Outreach/Press*

2022 Interviewed and featured in the Lincoln Times News regarding the Mt. Vernon Rosenwald School excavation.

- [https://www.lincolntimesnews.com/news/digging-for-history-graduate-students-conduct-archeological-dig-at-mount-vernon-rosenwald-school/article\\_9e2e2210-6cb9-11ed-8b68-af5d1045c9ad.html](https://www.lincolntimesnews.com/news/digging-for-history-graduate-students-conduct-archeological-dig-at-mount-vernon-rosenwald-school/article_9e2e2210-6cb9-11ed-8b68-af5d1045c9ad.html)

2021 Expert Commenter, The Scientist magazine interview regarding Frontiers article “Computed tomography study of the mummy of King Seqenenre Taa II: New insights into his violent death” Saleem and Hawass 2021

- <https://www.the-scientist.com/news-opinion/scientists-reconstruct-warrior-pharaohs-murder-using-ct-scans-68463>

2020 Interviewed and featured by the AnthroBiology Podcast

- <https://podcasts.apple.com/us/podcast/dr-sara-juengst-bioarchaeology/id1493360298?i=1000467457377>

2020 Research referenced in Smithsonian Magazine coverage of child burials from India

- <https://www.sciencefocus.com/news/babies-from-ancient-ecuador-found-wearing-the-skulls-of-other-children-as-helmets/>

2019 Research on unique Ecuadorian burials ranked “second most fascinating find of 2019” by Smithsonian Magazine

- <https://www.smithsonianmag.com/history/twelve-fascinating-finds-revealed-2019-180973837/>

2019 Research on unique Ecuadorian burials ranked as one of the “Top 10 Biggest Archaeological Discoveries of 2019” by LiveScience

- <https://www.livescience.com/biggest-archaeology-discoveries-2019.html>

2019 Research on unique Ecuadorian burials featured on multiple international, national, and local news outlets and publications, including the Washington Post, Smithsonian Magazine, BBC Science Focus, CNN, Forbes Magazine, The Charlotte Observer, Vice Magazine, Gizmodo, Gizmodo en Español, and others.

- Smithsonian Magazine: <https://www.smithsonianmag.com/smart-news/remains-infants-found->

- [wearing-helmets-made-skulls-other-children-180973608/](https://www.washingtonpost.com/science/2019/11/23/infant-skeletons-wearing-helmets-other-childrens-skulls-may-have-been-sad-farewell/)
- Washington Post: <https://www.washingtonpost.com/science/2019/11/23/infant-skeletons-wearing-helmets-other-childrens-skulls-may-have-been-sad-farewell/>
- BBC Science Focus: <https://www.sciencefocus.com/news/babies-from-ancient-ecuador-found-wearing-the-skulls-of-other-children-as-helmets/>
- Gizmodo en Español: <https://es.gizmodo.com/nadie-sabe-por-que-estos-bebes-fueron-enterrados-usando-1839976062>
- Charlotte Observer: <https://www.charlotteobserver.com/news/state/north-carolina/article237585894.html>
- 2019 Expert Commenter, Forbes interview regarding the PNAS article “Chemical evidence for the use of multiple psychotropic plants in a 1,000-year-old ritual bundle from South America” Miller et al. 2019
  - <https://www.forbes.com/sites/kristinakillgrove/2019/05/06/ancient-bolivian-fox-snout-pouch-contained-cocaine-and-other-hallucinogenic-drugs/?sh=1f1bcb92b8ae>
  - Also reported by Ancient Origins <https://www.ancient-origins.net/news-history-archaeology/ancient-psychedelic-plant-0011869>
- 2019 Expert Commenter, PBS NOVA interview regarding the PLOS ONE article “A mass sacrifice of children and camelids at the Huanchaquito-Las Llamas site, Moche Valley, Peru” Verano et al. 2019
  - <https://www.pbs.org/wgbh/nova/article/what-prompted-mass-sacrifice-hundreds-children-and-llamas-ancient-peru/>
- 2016 Research on Bolivian foragers featured by Forbes Magazine
  - <https://www.forbes.com/sites/kristinakillgrove/2016/10/07/ancient-skeletons-suggest-foraging-was-healthier-than-agriculture/>
- 2016 Spoke with Dr. Allison Davis, Cultural Heritage Researcher at the U.S. Department of State Cultural Property Advisory Committee about bilateral cultural property agreement between the U.S. and Bolivia.
- 2016 Research on dinosaur paleopathology featured by Phys.org and Gizmodo
  - <https://phys.org/news/2016-02-dinosaur-bone-problems-lots-pain.html>
  - <https://www.gizmodo.com.au/2016/02/this-is-the-most-beat-up-dinosaur-ever-discovered/>
- 2015 Research on skeletal trauma in ancient Bolivian populations featured by Forbes Magazine and the Daily Mail
  - <https://www.forbes.com/sites/kristinakillgrove/2015/05/25/brutal-brawls-cranial-surgery-discovered-ancient-skeletons-lake-titicaca/?sh=68ca52911591>
  - <https://www.dailymail.co.uk/sciencetech/article-3106161/The-fighting-doctors-Ancient-skeletons-Lake-Titicaca-reveal-history-brutal-brawls-evidence-surgery.html>

#### **Professional Development:**

Newly Tenured Faculty Seminar on Shared Faculty Governance, February 2023  
NC ACE Women’s Network Conference, June 2021  
Top 40 Student Transition and Retention Academy, UNC Charlotte, Summer 2021  
Queer Archaeology and Archaeological Practice Seminar, Society for American Archaeology, Jan. 2021  
Online Teaching Best Practices, UNC Charlotte Center for Teaching and Learning, Jan. 2021  
Graduate Mentor Workshop, UNC Charlotte Graduate School, Sept. 2020  
Teaching Sustainability Workshop, UNC Charlotte, June 2019  
UNC Charlotte Active Learning Academy, 2017-2020.  
UNC Charlotte College of Liberal Arts and Sciences Catalyst intensive grant writing bootcamp, June 2017.

#### **LANGUAGES AND OTHER SKILLS**

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- Proficiency in spoken and written Spanish and French
- Proficiency with online course materials and webpage design (Canvas, Blackboard, Wordpress)