

SARA L. JUENGST

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University of North Carolina at Charlotte
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EDUCATION

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

2017-present 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, forensic anthropology course, Duke Talent Identification Program
2013-2015 Graduate Teaching Fellow, upper level anthropology courses, UNC Chapel Hill
Department of Anthropology
2014 Lecturer, introductory anthropology course, UNC Chapel Hill William and Ida Friday Center
for Continuing Education
2013-2014 Graduate Research Consultant with Rudi Collerado-Mansfeld, UNC Chapel Hill
Department of Anthropology
2012 Instructor, Andean archaeology, co-taught with Donna Nash, UNC Greensboro
Department of Anthropology
2009-2013 Graduate Teaching Assistant, UNC Chapel Hill Department of Anthropology, with Brian
Billman, Amanda Thompson, Dale Hutchinson, Robert Daniels, Terrence Evans, and
Patricia McAnany

CURRENT RESEARCH PROJECTS

- Bioarchaeology of coastal Ecuador, with Maria Masucci, Benjamin Carter, and Richard Lunniss
- Bioarchaeology of southern Bolivia and early Holocene occupation of the southern Andes, with José Capriles and Sergio Calla Maldonado
- The Yaya-Mama Project, with Sergio Chávez, Stanislava Chávez, and Dale Hutchinson

Research interests: bioarchaeology, the Andes, social organization and community, trauma, paleopathology, identity, anthropology of food, ritual and power.

FELLOWSHIPS AND GRANTS

Awarded:

Faculty Research Grant, UNC Charlotte, “Ritual Burials at Salango: the Bioarchaeology of Coastal Ecuador (500 BC – AD 500)” (2018)
Grant-in-Aid-of-Research, Sigma Xi (2014)
Mellon Award, Institute for the Study of the Americas, UNC Chapel Hill (2014)
Timothy P. Mooney Fellowship, Research Labs of Archaeology, UNC Chapel Hill (2013)
Young Explorer’s Grant, National Geographic Society (2012)
Tinker Improvement Grant, Institute for the Study of the Americas, UNC Chapel Hill (2011)
Tinker Improvement Grant, Institute for the Study of the Americas, UNC Chapel Hill (2010)

PUBLICATIONS

Juengst, S.L., Capriles, J.M., Arribe Velasco, D., & Calle Maldonado, S. (n.d.). The First Reported Case of Trepanation from Tarija, Boliva. In press with *International Journal of Osteoarchaeology*, August 2018.

- Gagnon, C.L. & Juengst, S.L. (n.d.). The Drink Embodied: theorizing an integrated bioarchaeological approach to the investigation of chicha de maíz consumption. In press with *Bioarchaeology International*, August 2018.
- Turner, B.L., Bélisle, V., Davis, A.R., Skidmore, M., Juengst, S.L., Schaefer, B.J., Covey, R.A., & Bauer, B.S. (2018). Diet and foodways across five millennia in the Cusco region of Peru. *Journal of Archaeological Science* 98, 137-148.
- Juengst, S.L. (2018). 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
- Juengst, S.L. (2018). 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/tla.12192.
- Juengst, S.L. & Becker, S.K. (Eds.). (2017). *The Bioarchaeology of Community*. Archaeological Papers of the American Anthropological Association Vol. 28.
- Juengst, S.L. & Berger, E. (Eds.). (2017). Humans in Marginal Environments. *American Journal of Human Biology*, 29(4).
- Juengst, S.L. (2017). 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, 24-37.
- Becker, S.K. & Juengst, S.L. (2017). Introduction: Establishing a Bioarchaeology of Community. In SL Juengst, SK Becker (eds). *The Bioarchaeology of Community*. Archaeological Papers of the American Anthropological Association 28, 6-12.
- Juengst, S.L., Hutchinson, D.L., & Chávez, S.J. (2017). 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
- Juengst, S.L., Chávez, S.J., Hutchinson, D.L., & Chávez, S.R. (2017). 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.
- Juengst, S.L., Chávez, S.J., Hutchinson, D.L., & Chávez, K.M. (2017). Trauma in the Titicaca Basin, Bolivia, during the Late Intermediate Period (AD 1000 – 1450). *International Journal of Osteoarchaeology* 27(1), 67-75.
- Berger, E. & Juengst, S.L. (2017). Introduction: Humans in Marginal Environments: Adaptations among living and ancient peoples. *American Journal of Human Biology* 29(4), e23022. DOI: 10.1002/ajhb.23022
- Butaric, L., Light, L.O., & Juengst, S.L. (2017). 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
- Juengst, S.L. & Skidmore, M. (2016). Health at the Edge of the Wari Empire: Skeletal Analyses from Hatun Cotuyoc, Peru. *Andean Past* 12, 101-131.
- Senter, P. & Juengst, S.L. (2016). 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.
- Juengst, S.L. & Chávez, S.J. (2015). Three Trepanned Skulls from the Copacabana Peninsula in the Titicaca Basin (200 BC – AD 1000). *International Journal of Paleopathology* 9, 20-27.
- Juengst, S.L. (2011). Book Review: Hillforts of the Ancient Andes: Colla Warfare, Society, and Landscape. *Journal of Conflict Archaeology* 6(3):,233–234

Under review or in preparation

- Juengst, S.L. (n.d.). A Diachronic View of Violent Relations and Environmental Change in the Titicaca Basin, Bolivia. In Schug, G.R. (Ed.) *The Routledge Handbook of the Bioarchaeology of Environmental Change*. Under review with Routledge Press.
- Juengst, S.L., Hutchinson, D.L., Chávez, S.J., Krigbaum, J., Schober, T., Norr, L., & Bythell, A. (n.d.). Ritual, Feasting, and Community-Building on the Copacabana Peninsula, 800 BC-AD 200. In Hutchinson, D.L., Scarry, C.M., & Arbuckle B.A. *Archaeology of Food*. Under review with University Press of Florida.
- Murphy, M. S. & Juengst S.L. (n.d.). Traumatic skeletal patterns across the Andes: advances in method and interpretation. To be submitted to the *International Journal of Paleopathology*. Expected completion September 2018.

PRESENTATIONS, POSTERS, AND INVITED LECTURES

- “Bodies of Power: the Bioarchaeology of Cooperation” paper to be presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque NM, April 2019
- “Across the Lake: Interregional Connections with the Tiwanaku Occupation of Copacabana” paper 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 83rd Annual Meeting of the Society of American Archaeology, Washington DC, April 15 2018.
- “Holes in the Head: Violence and Skull Surgery in Ancient Bolivia” lecture presented as part of the Central Carolinas American Institute for Archaeology 2017-2018 lecture series, Davidson College, January 21, 2018.
- “Shots Fired: Evidence for a Spanish-Inka Altercation in Copacabana, Bolivia” poster presented with Sergio Chávez and Stanislava Chávez at the Northeastern Andean & Amazonian Archaeology and Ethnohistory Conference, Philadelphia PA, October 14, 2017.
- “Building a Social Paleopathology: What Ancient Stress can tell us about Community” poster 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 44th 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” paper 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 82nd 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” paper presented with Karissa Deiter, Manual Angel Mamani, and Antonio Villesenor-Marchal in the symposium “Archaeological Microhistory at a Planned Colonial Town in Highland Peru” organized by Steven A. Wernke for the 82nd 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” paper presented at the Ancient Foodways Conference: Integrative Approaches to Understanding Subsistence and Society in the Past, Chapel Hill NC, March 4, 2017.
- “Complexity without Hierarchy: Early Agriculturalists in Bolivia, 800 BC – AD 200” paper presented at the Southeastern Conference in Latin American Studies, Chapel Hill NC, March 24, 2017.
- “Identifying Chicha: A Paleopathological Investigation of Maize Beer Consumption” paper presented with Celeste Gagnon in the symposium “Paleopathology of Feasts and Famines: Foregrounding the Interaction between Humans and Their Environment” organized by Kristina Killgrove and Gillian Crane for the 43rd Annual North American Meeting of the Paleopathology Association, Atlanta GA April 12, 2016.
- “Altitude Sickness: Health in the Titicaca Basin of Bolivia” poster presented in the symposium “Humans in Marginal Environments” organized by Elizabeth Berger and Sara L. Juengst for the 85th Annual American Association of Physical Anthropologists Meeting, Atlanta GA, April 14, 2016.
- “Artificial Cranial Modification on the Copacabana Peninsula” poster presented with David W. Hansen II and Sergio Chávez at the 85th Annual American Association of Physical Anthropologists Meeting, Atlanta GA, April 14, 2016.
- “Bones and Beer: A Paleopathological Analysis of Maize Beer Consumption” paper presented at the 3rd Annual Skeletal Biology in the Carolinas Symposium hosted by East Carolina University, Greenville NC, February 20, 2016.
- “Socio-Economic Change and Identity Creation on the Copacabana Peninsula (800 BC – AD 200)” paper 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 American Anthropological Association Meeting, Denver CO, November 21, 2015.
- “Inclusive Community and Identity on the Copacabana Peninsula during the Formative Period” paper 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 Society for American Archaeology Meeting, San Francisco CA, April 18, 2015.

- “Long-Distance Travelers in the Titicaca Basin during the Formative Period” paper presented at the 55th Annual Institute for Andean Studies Meeting, Berkeley CA, January 9, 2015
- “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 Society for American Archaeology Meeting, Austin TX, April 24, 2014.
- “Strontium Isotopes as a Way to Reconstruct Community” paper presented at the Osteology in the Carolinas First Annual Conference hosted by UNC Chapel Hill, Chapel Hill NC, February 8, 2014.
- “Using Strontium Isotopes to Identify Long-Distance Kin in the Titicaca Basin 1500 BC – AD 200” poster presented at the 1st Annual Mid-Atlantic Biological Anthropology Interest Group Meeting, Richmond VA, October 24, 2013.
- “Three Trepanned Skulls from the Copacabana Peninsula: Practice and Results” poster presented at the 81st Annual American Association of Physical Anthropology Meeting, 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” poster presented with Dale Hutchinson and Sergio Chávez at the 81st Annual American Association of Physical Anthropology Meeting, Knoxville TN, April 11, 2013.
- “Health of Archaic Foragers in the Titicaca Basin” poster presented with Sergio Chávez at the 77th Annual Society for American Archaeology Meeting, Memphis TN, April 19, 2012.
- “After the Fall: Trauma and Labor in the Late Intermediate Period at Ch'isi” poster presented with Sergio Chávez at the 76th Annual Society for American Archaeology Meeting, Sacramento CA, March 31, 2011.

COURSES TAUGHT

- Introduction to Anthropology (four field, undergraduate)
- Human Evolution (biological anthropology, undergraduate)
- Food, Nutrition and Culture (four field, undergraduate)
- Race and Anthropology (four field, undergraduate)
- Human Osteology (biological anthropology, undergraduate)
- Bolivia: Past and Present (archaeology, undergraduate and graduate)
- Bioarchaeology of Diet (archaeology/biological anthropology, undergraduate and graduate)
- Forensic Anthropology
- General Seminar in Anthropology (four field, undergraduate)
- Science and Society: Race, Science, and History (Liberal studies course, undergraduate)
- Critical Thinking and Communication: Race (Liberal studies course, undergraduate)
- Directed readings:
 - Bioarchaeology Methods (graduate)
 - Andean Ritual (graduate)
 - Andean Ethnography (graduate in Latin American Studies)
 - Bioarchaeology of Children (graduate)
 - Bioarchaeology of Food (undergraduate)

PROFESSIONAL ACTIVITIES

- Co-chair, Society for American Archaeology symposium, Cooperative Bodies: Bioarchaeology of Non-Ranked Societies, April 2019, Albuquerque NM.
- Coordinator, UNC Charlotte Kids Fest, Archaeology booth, 2017-present.
- Participant, UNC Charlotte Active Learning Academy, 2017-present.
- Faculty Affiliation, UNC Charlotte Latin American Studies Program, 2016-present.
- Member, UNC Charlotte Department of Anthropology graduate committee, 2016-present.
- Member, UNC Charlotte Department of Anthropology lecturer search committee, 2018-2019.
- Member, UNC Charlotte Department of Anthropology majors recruitment task force, 2018-2019.
- Organizer, Charlotte-Mecklenburg Schools class visit of the biological anthropology lab, April 2018.
- Participant, roundtable Carolinian Cosmopolitanism: Teaching about Race Relations in Other Countries at UNC Charlotte at the 16th Annual Africana Studies Symposium at UNC Charlotte, February 23, 2018.
- Organizer, Skeletal Biology in the Carolinas 5th Annual Conference, February 10, 2018, Charlotte, NC.
- Member, UNC Charlotte Department of Anthropology tenure-track biological anthropology search

committee, 2017-2018.
Seminar Leader, Charlotte Teacher's Institute, November 2017.
Co-organizer, *American Journal of Human Biology* special issue, Humans in Marginal Environments, August 2017.
Participant, UNC Charlotte College of Liberal Arts and Sciences Catalyst intensive grant writing bootcamp, May-June 2017.
Judge, Western Biological Anthropology Interest Group annual meeting student poster competition, October 2016, Sonoma, CA.
Co-chair, American Association for Physical Anthropology poster symposium Humans in Marginal Environments, April 2016, Atlanta, GA.
Mentor, Appalachian State University Department of Anthropology undergraduate anthropology club, 2015-2016.
Session coordinator, Land and Other Identity-Based Rights, part of the DNA and Indigeneity Workshop, hosted by the Intellectual Property Issues in Cultural Heritage Project (IPINCH), October 22-24, 2015. Vancouver BC.
Co-organizer, UNC Chapel Hill Graduate and Professional Student Federation Diversity Summit, April 2015.
Member, UNC Chapel Hill Department of Anthropology department life committee, 2014-2015
Coordinator, UNC Chapel Hill Department of Anthropology archaeology of food working group, 2013-2015.
Co-coordinator, UNC Chapel Hill North Carolina Archaeology Day booth, 2009-2015.
Field archaeologist, UNC Chapel Hill Second President's house excavation, August 2014
Co-chair, Society for American Archaeology symposium The Bioarchaeology of Community, April 2014, Austin, TX.
Reader, UNC Chapel Hill Department of Anthropology graduate student admissions committee, 2013-2014.
Organizer, UNC Chapel Hill Department of Anthropology graduate student welcome weekend, 2011-2013.
Liaison with undergraduates, UNC Chapel Hill Department of Anthropology, 2010-2013.
Member, UNC Chapel Hill Department of Anthropology evolution, ecology, and health working group, 2009-2011.
Co-organizer, UNC Chapel Hill Department of Anthropology colloquium series, 2009-2010

Reviewer,

American Journal of Physical Anthropology, 2018
Cambridge University Press, 2018
American Journal of Human Biology, 2017-2018
International Journal of Osteoarchaeology, 2015, 2017-2018
Andean Past, 2016-2017

Member,

Society for American Archaeology
Board Member, Minority Scholarships Committee
American Association for Physical Anthropology
Institute of Andean Studies
Paleopathology Association
American Anthropological Association
Southeastern Archaeological Conference

Committee Chair,

Ashley Schults, MA Student, Committee Chair, UNC Charlotte, 2018-present
Abigail Bythell, MA Student, Committee Chair, UNC Charlotte, 2017-present
Elizabeth Johnson, MA Student, Committee Chair, UNC Charlotte, 2017-present
Carita Westbrook, MA Student, Committee Chair, UNC Charlotte, 2016-present

LANGUAGES AND OTHER SKILLS

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