**Kathryn Sokolowski**

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**Education**

Current **Ph.D.,** Biological Anthropology

University of Utah, Utah

Committee: Dr. J. Tyler Faith (Chair), Dr. Brian Codding, Dr. John Broughton. Expected 2027.

2023 **Master of Science**, Biological Anthropology

University of Utah, Utah

Committee: Dr. J. Tyler Faith (Chair), Dr. Brian Codding, Dr. John Broughton. Thesis*: Do grazers equal grasslands? Building stronger inferences about the past through understanding the environmental tolerances of present-day African mammals*

2021 **Bachelor of Science,** Anthropology

Minors in Biology and Museum Studies

University of New Mexico, New Mexico

Department of Anthropology Honors- Summa cum laude- *Tracking patterns of weaning in wild chimpanzees (Pan troglodytes schweinfertii) using stable isotopes.* Supervisor: Dr. Sherry Nelson

**Positions**

2023- present Graduate Research Fellow, National Science Foundation

2022- present Student Affiliate, Natural History Museum of Utah, Salt Lake City, UT.

2021-2023 Graduate Assistant, University of Utah, Department of Anthropology

2019-2021 Library Assistant, University of New Mexico, Department of Anthropology

2017-2018 History Intern, Albuquerque Museum, History Department

**Awards and Fellowships**

2023 Global Change and Sustainability Center and Wilkes Center for Climate Science and Policy, *Seasonal mobility of South African hunter-gathers during the MSA-LSA Transition*, $3,000

2023 Global Change and Sustainability Center and Wilkes Center for Climate Science and Policy, travel grant, $500.

2023 Graduate Student Travel Assistance, $500.

2023 National Science Foundation, Graduate Research Fellow, $111,000.

2022 Sigma Xi Grant In Aid of Research, *Resolving Pleistocene herbivore dietary ecology in the Western Cape Province*, $1,000.

2022 Graduate Research Grant, Global Change and Sustainability Center, University of Utah, *Resolving Pleistocene herbivore dietary ecology in the Western Cape Province,* $3,000.

2022 Paleoanthropology Society, travel grant, $100.

2022 American Association of Biological Anthropologists, Pollitzer Student Travel Award, $500.

2020 Arts and Science Leadership and Involvement Award, College of Arts and Sciences, University of New Mexico.

##### 2020 Jim and Mary Hulsman Undergraduate Library Research Award, Out of Africa: *The Ecological Context and Constraints on Early Homo Migration* 1st place, $500.

2019 Anne Ramenofsky Anthropology Honors Student Fund, *Tracking patterns of weaning in wild chimpanzees (Pan troglodytes schweinfertii) using stable isotopes.* University of New Mexico, $250.

2019 A. Maxine Graves Undergraduate Student Award, University of New Mexico, $250.

2019 Frank O. and Sadie M. Lane Scholarship for women in science, University of New Mexico, $8,000.

2018 Clarence and Emily Rogers Scholarship, University of New Mexico, $1,000.

2017 Woodward Scholarship, University of New Mexico, $24,000.

2017 Optimist Oratorical Scholarship, Optimist International, $2,300.

**Publications**

2023 **Sokolowski, K. G.,** Codding, B. F., Du, A., & Faith, J. T. (2023). Do grazers equal grasslands? Strengthening paleoenvironmental inferences through analysis of present-day African mammals. *Palaeogeography, Palaeoclimatology, Palaeoecology*, *629*, 111786. <https://doi.org/10.1016/j.palaeo.2023.111786>

**Conference Presentations**

2023 Koehler, K., Faith, J.T., Braun, D., Schwartz, A., O’Brien, K., **Sokolowski, K.,** Davies, B., Stynder, D., DeSantis, L. Dental Microwear Texture Analysis of Pleistocene Carnivores on the West Coast of South Africa. Podium Presentation. Society of Vertebrate Paleontology 2023 Annual Meeting, Cincinnati, OH.

2023 **Sokolowski, K.,** O’Brien, K., Faith, J.T., Systematic paleontology and paleoenvironmental implications of the Last Glacial Maximum mammals from Besaansklip, Western Cape Province, South Africa. Special guest, Pac-12+3 Arts and Science Deans Meeting- Community, Environment and Transdisciplinary Teaching, Salt Lake City, Utah.

2023 **Sokolowski, K.,** O’Brien, K., Faith, J.T., Systematic paleontology and paleoenvironmental implications of the Last Glacial Maximum mammals from Besaansklip, Western Cape Province, South Africa. Poster Presentation. Environment and Sustainability Research Symposium, University of Utah, Salt Lake City, Utah.

2022 **Sokolowski, K.,** Barr, W. A.,Faith, J.T., Evaluating environmental drivers of late Quaternary mammal extinctions in the Cape Floristic Region, South Africa. Poster Presentation. Southern African Society for Quaternary Research, St. Lucia, South Africa.

2022 **Sokolowski, K.,** Codding, B, Du, A, Faith, JT. Environmental change and hominin evolution: building stronger links through understanding the environmental tolerances of present-day African Mammals. Podium Presentation. Paleoanthropology Society 2022 Annual Meeting, Denver, Colorado.

2021 **Sokolowski, K**., Sabbi, K., Nelson, S. Tracking patterns of weaning in wild chimpanzees (*Pan troglodytes schweinfertii*) using stable isotopes. American Association of Physical Anthropology, Undergraduate Research Symposium Poster.

2021 **Sokolowski, K.,** Sabbi, K., Nelson, S. Tracking patterns of weaning in wild chimpanzees (*Pan troglodytes schweinferthii*) using stable isotopes. Undergraduate Research Opportunity Conference, University of New Mexico.

2020 **Sokolowski, K.** Understanding patterns of weaning in wild chimpanzees using stable isotopic analysis. Lightning Talk. Undergraduate Research Opportunity Conference, University of New Mexico (Virtual).

2019 Taylor, S., **Sokolowski, K.,** Wilkman, D., Gonterman, K. Genetic Adaptations for High-altitude. Biology Department Poster Session. University of New Mexico.

**Research and Field Experience**

2023 Triple oxygen isotopes of ostrich eggshells from Besaansklip, South Africa.

Principal Investigators: Dr. Vincent Hare, University of Cape Town, South Africa.

2023 Carbon and oxygen stable isotope analysis of herbivore tooth enamel from Lukenya Hills, Kenya. Principal Investigators: Dr. J. Tyler Faith.

2022 Analysis of Quaternary mammals from Besaansklip, Western Cape, South Africa. Principal Investigators: Dr. J. Tyler Faith. One week.

2022 Analysis of Quaternary mammals from Utah cave sites, Principal Investigators: Dr. J. Tyler Faith and Dr. Randall B. Irmis. Natural History Museum of Utah, Salt Lake City, UT, USA.

2021 Analysis of Eocene-Oligocene mammals from White River Formation. Principal Investigator: Dr. Jason Moore, Earth and Planetary Sciences Paleontology Lab.

2019-2021 Stable isotope biogeochemistry sample preparation and extraction. Principal Investigator: Dr. Sherry Nelson, Paleoecology Lab

2019 “The use of muscle attachment sites for interpreting activity at Papdomb”

Adult Osteology Research Workshop, Odorheiu Secuisc, Romania. Four weeks.

2017 Department of Mammalogy laboratory assistant, Museum of Southwestern Biology, University of New Mexico, NM.

**Teaching Experience**

**Instructor**

Fall 2023 ANTH 1020- Human Origins: Evolution and Diversity, Department of Anthropology, University of Utah.

Summer 2023 ANTH 1030-Prehistoric Archaeology, Department of Anthropology, University of Utah.

Summer 2022 ANTH 1030-Prehistoric Archaeology, Department of Anthropology, University of Utah.

**Students Mentored**

2023 Auriana Dunn, independent study. University of Utah. *Identifying domestic dogs in the archaeological record from postcrania osteology- A case study at Nawthis Village.*

2023 Auriana Dunn, independent study. University of Utah. *Using dental microwear to track seasonality in extant bovids.*

**Invited Lectures**

2023 *Ghosts of Ecosystems Past.* Public lecture, Natural History Museum of Utah, Salt Lake City, Utah.

2023 *Making use of technology to develop a writing workflow.* Hidden Research Methods. Department of Anthropology, University of Utah.

2023 *How we know what we know about hominin paleoecology?* Prehistoric Archaeology. Department of Anthropology, University of Utah

**University Service**

2023 Scientist in the Spotlight, Natural History Museum of Utah, Salt Lake City, Utah.

2023 “Human Evolution Gallery Guidebook” Curriculum development for wall of hominin exhibit, Natural History Museum of Utah, Salt Lake City, Utah.

2023 Science Communication Fellow, Natural History Museum of Utah. Salt Lake City, Utah.

2022-2023 Colloquium Committee, Department of Anthropology, University of Utah.

2022 Volunteer Judge, Research Day Poster Session, College of Social and Behavioral Sciences, University of Utah

2021-present Equity, Diversity, and Inclusion, Department of Anthropology, University of Utah.

**Community Service**

2022 Guest Presenter, “North American Archaeology”, Bennion Elementary School, Salt Lake City, UT.

2021 Guest Presenter, “Becoming Human- Hands-on Activity,” East Hollywood High School, West Valley, UT.

2020 President, Undergraduate Anthropology Society, University of New Mexico

2019 Senior Vice President, Undergraduate Anthropology Society, University of New Mexico

2019 STEM Fair Facilitator, “Math and Anthropology” Expanding Your Horizon’s

2019 Guest Presenter “Research in Evolutionary Anthropology” Eldorado High School, Albuquerque, NM.

2019 Panelist, “Getting Involved in Undergraduate Research” Anthropology Graduate Student Union Conference, University of New Mexico, Albuquerque, NM.

2019 Explora Science Center, Science Communications STEM Fair Facilitator, Albuquerque, NM.

2018 Volunteer, Coronado Site Fiestas of Cultures, Coronado Historic Site, Bernalillo, NM.

2018 Activity Facilitator, “Evolutionary Anthropology,” Expanding Your Horizons STEM Fair, Santa Fe, New Mexico.

**Workshop/Symposium Participation**

2023 Graduate Teaching Symposium, Center for Teaching Excellence, University of Utah, UT.

2022 Hominin Paleoecology Workshop, Department of Anthropology and Geography, Colorado State University, Fort Collins CO.

**Media Coverage**

PNAS Journal Club, “Wildebeest stay not so mainly on the plain” September 29, 2023.

<https://www.pnas.org/post/journal-club/wildebeest-stay-not-so-mainly-plain?utm_source=twitter&utm_medium=social&utm_term=pnasnews&utm_content=f9cfb3b4-419a-4af1-9f29-645e78b0f054&utm_campaign=hootsuite>