Kathryn L. Ranhorn, PhD
School of Human Evolution and Social Change
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Arizona State University
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EDUCATION

2017 PhD	George Washington University (Human Paleobiology) Dissertation: *Cultural Transmission and Lithic Technology in Middle Stone Age Eastern Africa*
2014 MA	George Washington University, Human Paleobiology
2010	Kathryn W. Davis Projects for Peace Traveling Fellow (Tanzania)
2010 BA	University of Florida, Anthropology, *summa cum laude* Minor: African Studies
2008	Gilman Fellow Traveling Scholar, University of Dar es Salaam, Tanzania

ACADEMIC POSITIONS HELD

Arizona State University

2019-present	Assistant Professor, School of Human Evolution and Social Change
2019-present	Research Scientist, Institute of Human Origins
2019-present	Director, Deep History and Ancient Technology Laboratory

Harvard University

2017-2019	Postdoctoral Fellow, Department of Anthropology, Peabody Museum of Archaeology and Ethnology

RESEARCH

PUBLICATIONS (*undergraduate student co-author, ^graduate student co-author, ^^postdoc co-author)

PEER-REVIEWED JOURNAL ARTICLES AND BOOK CHAPTERS

In Press — Niespolo, E.M., Sharp, W.D. and **Ranhorn, K.L.** 230Th/U burial dating of burnt ostrich eggshells from Kisese II, Tanzania. Ed. Frederick Grine, Springer Nature Vertebrate Paleobiology and Paleoanthropology Series

Contribution: Provided archaeological context for the site; contributed site-specific expertise; and revised the manuscript.

IF: ~0.15; Contributed to drafting, editing, and revising the manuscript.

In Press — **Ranhorn, K. L.**, Sharp, W. D., Quinn, R., Porter, S. T., Patania, I., Ogutu, J., Niespolo, E. M., ^McNeil, J. L., ^Mollel, S., ^Mashaka, H., Marean, C. W., Lewis, J. E., Hallett, E. Y., Laird, M. F., Colarossi, D., & Tryon, C. A. The Late Pleistocene–Holocene sequence at the Kisese II Rockshelter, Kondoa (Tanzania): Synthesis and research prospects. *Société Préhistorique Française*.

IF: ~0.2; Contribution: Led the paper, coordinated data organization, and served as corresponding author.

In Press — ^Huang, C.H., ^Murray, J.K., ^James, S.E., ^Hansen, N., *Ferrer, A.I., Paige, J., **Ranhorn, K.L.** Flake it 'til you make it: Raw material quality, skill, and variation in stone tool production. *Lithic Technology*.

IF: 1.4; Contribution: Provided project mentorship, lab space, supplies, and strategic guidance; facilitated collaboration; supported student-led work; editing and revising the manuscript.

J14. 2026 ^^Abdolahzadeh, A., ^Murray, J.K., Leader, G.M., **Ranhorn, K.L.**, *Stuckey, M., ^Barnes, A. How do macroscopic thermal alterations relate to lithic artifact size and raw material type? A controlled heat-fracture experiment. *Journal of Archaeological Science*. *192*, 106647. https://doi.org/https://doi.org/10.1016/j.jas.2026.106647

IF: 2.9; Contribution: Provided project mentorship, lab space, supplies, and strategic guidance; facilitated collaboration; supported postdoc-led work; editing and revising the manuscript.

J13. 2025 Tryon, C. A., *Romain, H., & **Ranhorn, K**. (2025). The Mehlman archives and the archaeology of Nasera rockshelter, Tanzania. *Afriques. Débats, méthodes et terrains d'histoire*, (16).. https://doi.org/10.4000/161vw

J12. 2025 Ruth A., C. SturtzSreetharan, M. Beresford, A. Brewis, S. BurnSilver, C.R. Caseldine, E. Estrada, D. Hruschka, M. Jehn, E. Ilboudo Nébié, K.J. Knudson, M.V. Kroot, J. Maupin, K. Michelaki, C. Morehart, R.G. Nelson, C. Drummond Otten, M.A. Peeples, **K.L. Ranhorn**, M.E. Smith, C.M. Stojanowski, A. Wutich & A. York. Online Student Engagement in Social Science Research Laboratories: Expert Advice on the Opportunities and Challenges. *Scholarship and Practice of Undergraduate Research 8 (4)*. https://doi.org/10.18833/spur/8/4/4

IF: ~0.5; Contributed data; edited and revised the manuscript.

J11. 2025 ^^Abdolahzadeh, A., Olszewski D., **Ranhorn, K.L.** To What Extent Are Similarities In Lithic Artifacts Due to Convergence? *Journal of Paleolithic Archaeology*. https://doi.org/10.1007/s41982-025-00218-1

IF: 2.2; Contribution: Drafting, editing, and revising the manuscript.

J10. 2023 **Ranhorn, K.L.**, ^^Mavuso, S., ^^Colarossi, D., ^^Dogandzic, T., ^Ziegler, M.J., ^Warren, S.L., Braun, D.R., Harris, J.W.K., and E.K. Endiema. By the lakeshore: Late Pleistocene Human Occupation of Lake Turkana at Koobi Fora, Kenya. *Quaternary Science Reviews* 317: 108257. https://doi.org/10.1016/j.quascirev.2023.108257

IF: 4.0; Contribution: Designed the study, led fieldwork and data collection, coordinated data analysis and synthesis, wrote the paper, and led the revisions.

J9. 2023 Pargeter, J., Brooks, A., Douze, K., Eren, M., Groucutt, H.S., ^McNeil, J., Mackay, A., **Ranhorn, K**., Scerri, E., ^Shaw, M., Tryon, C., Will, M., ^^Leplongeon, A., Replicability in Lithic Analysis. *American Antiquity* 88(2), 163-186. https://doi.org/10.1017/aaq.2023.4

IF: 2.8; Contribution: Co-designed the study during two in-person workshops and several virtual meetings, wrote code for data collection, wrote definitions for data collection, collected data, co-edited the paper.

C4. 2023 **Ranhorn, K.L**. and ^Bundala, M. Tanzanian Women in Archaeology. In López Varela, S.L. (Ed.), *Women in Archaeology*.Women in Engineering and Science. Springer. https://doi.org/10.1007/978-3-031-27650-7_23

Contribution: Drafted, edited, and revised the manuscript.

C3. 2023 **Ranhorn, K.L.**, Colarossi, D., ^Molel, S., Laird, M. F., Lewis, J. E., ^Mashaka, H., Niespolo, E., Porter, S. T., Sawchuk, E., Sharp, W. D., Tryon, C. A., and Patania, I. (In

Press). Kisese II Rockshelter, Tanzania. In A. Beyin, D. Wright, J. Wilkins, Olszewski, D.I. (Eds.) *Handbook of Pleistocene Archaeology of Africa: Hominin Behavior, Geography, and Chronology*. Springer. https://doi.org/10.1007/978-3-031-20290-2_70

Contribution: Organized data; drafted, revised, and submitted the manuscript; corresponding author.

J8. 2022 Patania, I., Porter, S.T., Keegan, W.F., *Dihogo, R., *Frank, S., Lewis, J., ^Mashaka, H., Ogutu, J., ^Skosey-Lalonde, E., Tryon, C.A., Niespolo, E.M., Colarossi, D., and **Ranhorn, K.L.** Geoarchaeology and Heritage Management: Identifying and Quantifying Multi-Scalar Erosional Processes at Kisese II Rockshelter, Tanzania. *Frontiers in Earth Science*, 9 (Special Issue on Cave Deposits: Processes, Approaches and Environmental Significance). https://doi.org/10.3389/feart.2021.665193

IF: 2.8; Contribution: Led fieldwork since 2015, co-designed study, collected data, arranged sample exports, significantly wrote and edited submissions and revisions.

J7. 2022 ^^Lipson, M., Sawchuk, E.A., Thompson, J.C., Oppenheimer, J., Tryon, C.A., **Ranhorn, K.L.**, de Luna, K.M., Sirak, K.A., Olalde, I., Ambrose, S.H., Arthur, J.W., Arthur, K.J.W., Ayodo, G., Bertacchi, A., Cerezo-Román, J.I., Culleton, B.J., Curtis, M.C., Davis, J., Gidna, A.O., Hanson, A., Kaliba, P., Katongo, M., Kwekason, A., Laird, M.F., Lewis, J., Mabulla, A.Z.P., Mapemba, F., Morris, A., Mudenda, G., Mwafulirwa, R., Mwangomba, D., Ndiema, E., Ogola, C., Schilt, F., Willoughby, P.R., Wright, D.K., Zipkin, A., Pinhasi, R., Kennett, D.J., Manthi, F.K., Rohland, N., Patterson, N., Reich, D., and Prendergast, M.E. Ancient DNA and deep population structure in sub-Saharan African foragers. *Nature, 603*(7900), 290-296. https://doi.org/10.1038/s41586-022-04430-9

IF: 64.8; Contribution: Led fieldwork since 2015 at one study site, and significantly edited archaeological implications in submission and revisions.

J6. 2021 Laird, M.F., Sawchuk, E.A., Kwekason, A., Mabulla, A.Z., Ndiema, E., Tryon, C.A., Lewis, J.E., **Ranhorn, K.L.** Human burials at the Kisese II rockshelter, Tanzania. *American Journal of Physical Anthropology, 175*(1), 187-200. https://doi.org/10.1002/ajpa.24253

IF: 2.8; Contribution: Led fieldwork at the site since 2015 and edited submission and revisions.

J5. 2020 Niespolo, E.M., Sharp, W.D, Tryon, C.A., Faith, J.T., Lewis, J., **Ranhorn, K.L.**, Mambelli, S., Miller, M.J. and Dawson, T.E. Carbon, nitrogen, and oxygen isotopes of ostrich eggshells provide site-scale Pleistocene-Holocene paleoenvironmental records for eastern African archaeological sites. *Quaternary Science Reviews*, 230, p. 106142. https://doi.org/10.1016/j.quascirev.2019.106142

IF: 4.0; Contribution: Led fieldwork at the site since 2015, edited the manuscript and revisions.

C2. 2020 Tryon, C.A., **Ranhorn, K.L.** "Raw Material and Regionalization in Stone Age East Africa," in: Groucutt, H.S. (Ed.), Culture history and convergent evolution: Can we identify ancient populations using material culture? pp. 143-156. https://doi.org/10.1007/978-3-030-46126-3_8

Contribution: data; figures; co-drafted, co-edited, and revised the manuscript.

C1. 2019 Tryon, C.A., Lewis, J.E., **Ranhorn, K.L.** "Excavating the Archives: The 1956 Excavation of the Late Pleistocene-Holocene Sequence at Kisese II (Tanzania)," in:

Sahle, Y., Reyes-Centeno, H., Bentz, C. (Eds.), Modern Human Origins and Dispersal, Kerns Verlag, Tübingen. ISBN: 978-3-935751-30-8.

Contribution: Figures; drafted, edited, and revised the manuscript.

Before ASU

J4. 2018 **Ranhorn, K.L.**, Tryon, C.A. New Pleistocene radiocarbon dates from Nasera rockshelter, Tanzania. *Journal of African Archaeology*, 16(2):211-222. https://doi.org/10.1163/21915784-20180011

IF: 0.8 Contribution: Collected data, processed samples, drafted and revised the manuscript; was corresponding author.

J3. 2018 **Ranhorn, K.L.**, Braun, D.R., ^Biermann, R. ^Greiner, E., ^Wawrzyniak, D., Brooks, A.S. Evaluating prepared core assemblages with three dimensional methods: a case study from the Middle Paleolithic at Skhūl (Israel). *Archaeological and Anthropological Sciences*, (11)7: 3225-3238. https://doi.org/10.1007/s12520-018-0746-z

IF: 2.0; Contribution: Designed the study, collected and analyzed the data, drafted and revised the paper, and served as corresponding author.

J2. 2018 Tryon, C.A., Lewis, J.E., **Ranhorn, K.L.**, Kwekason, A., Alex, B., Laird, M., Marean, C.W., Niespolo, E., ^Nivens, J., Mabulla, A. Middle and Later Stone Age Chronology of Kisese II Rockshelter (UNESCO World Heritage Kondoa Rock-Art Sites), Tanzania. *PLoS One 13(2), e0192029.* https://doi.org/10.1371/journal.pone.0192029

IF: 2.8; Contribution: Figure creation; revised the manuscript.

J1. 2017 ^^Wilkins, J., Brown, K.S., ^Oestmo, S., Pereira, T., **Ranhorn, K.L**., ^Schoville, B.J., Marean, C.W. Lithic Technological Responses to Late Pleistocene Glacial Cycling at Pinnacle Point Site 5-6, South Africa, *PloS One 12(3): e0174051*. https://doi.org/10.1371/journal.pone.0174051

IF: 2.8; Contribution: Collected data; revised the manuscript.

MANUSCRIPTS IN REVIEW

In Review Ilboudo Nébié, E., A. Wutich, C. Jacob, M. Beresford, K., Ranhorn, M. V. Kroot, A. G. Mehari, M. Wakhungu, M. Ngutu, N. Barry, F. Kirimi, J. Wahome. Anthropology & Archaeology Across Six African Contexts: Innovative Methods, Knowledge Co-Production and Applied Outcomes. *Annals of Anthropological Practice*, submitted February 2026.

In Review **Ranhorn, K.L.**, ^James, S., Porter, S.T., ^Mashaka, H., Mgimwa, A., Ilboudo Nébié, E., Mabie, Z., Saifary, A., Tryon, C., Patania, I., Bwasiri, E., Bwire, M., and Masao, F. Stewarding vanishing art and heritage with collaborative paleoanthropology in Kondoa, Tanzania. *Archaeologies: Journal of the World Archaeological Congress, in Deep History and Community Joy: Making the Connections.* Eds: **Ranhorn K.** and Mehari A. Submitted July 2025.

Contribution: established and maintained fieldwork infrastructure and relationships; designed and wrote the paper; organized virtual symposium; secured funding; and co-edited the volume.

In Review **Ranhorn, K.L.** Legacy, Lithics, and Loss: Assessing Technological Variation and Heritage Challenges at Nasera Rockshelter, Tanzania. *African Archaeological Review*. Submitted May 2025.

Contribution: Designed the study; collected the data; analyzed the data; wrote the paper.

EXTERNAL RESEARCH GRANTS RECEIVED

2025-present National Science Foundation Archaeology Program proposal titled *Social dynamics in long-term human-environment interactions* ($149,939 awarded to Kathryn Ranhorn (PI), Samantha T. Porter and Elisabeth I. Nébié)

2019-2024 Turkana Basin Institute, Refining the Later Pleistocene Geoarchaeological Record of the Turkana Basin ($87,510 awarded to Kathryn Ranhorn (PI), Silindokuhle Mavuso, Shannon Warren, and Debra Colarossi)

2018-2022 L.S.B. Leakey Foundation Grant, High-resolution Late Pleistocene-Holocene excavations at Kisese II Rockshelter, Kondoa (Tanzania) ($24,961 awarded to Kathryn Ranhorn (PI), Ilaria Patania, Debra Colarossi, and Jason Lewis)

Before ASU

2019 Cultural Evolution Society grant, funding to support workshop at the 2019 Society for American Archaeology annual meeting in Albuquerque, NM ($1000)

2018 Graduate Women in Science Fellowship, Early Human Social Demography: The Late Stone Age at Kisese II Rockshelter, Tanzania. ($9,972.23)

2016-2017 L.S.B. Leakey Foundation Dissertation Fieldwork Grant, New Approaches to Modern Human Origins ($5,969)

2015-2016 Wenner-Gren Foundation for Anthropological Research, Inc. Dissertation Fieldwork Grant, Late Pleistocene Lithic Technology in East Africa and the Origin of Modern Humans ($19,690)

2014 Fulbright-Hays—U.S. Department of Education, Doctoral Dissertation Research Abroad, Human Origins in East Africa ($41,442)

2012 Explorers Club Washington Group, Exploration and Field Research Grant, Exploring the Archaeological Context of Early *Homo sapiens* in Southeastern Tanzania ($3,000).

2012 The Cosmos Club Foundation, Cosmos Scholars Grant, The Archaeological Context of Early Homo sapiens in Southeastern Tanzania ($2,600)

2012 The Capitol Archaeological Institute, Rogers Excavation and Survey Scholarship, The Middle Stone Age of Southeastern Tanzania ($1,000)

2012 George Washington University Lewis N. Cotlow Fund, Field Research Grant, The Middle Stone Age of Southeastern Tanzania ($1,000 awarded to Kathryn L. Ranhorn)

2010 Kathryn W. Davis Projects for Peace, Education and Microfinance with Makonde woodcarvers in Tanzania. ($10,000)

2010 Society for Applied Anthropology Student Endowed Award ($500)

2010 University of Florida University Women's Club Scholarship ($1000 awarded to Kathryn L. Ranhorn)

2009 University of Florida Ronald E. McNair Scholarship Program ($2,900 stipend awarded to Kathryn L. Ranhorn)

2009 University of Florida University Scholars Program ($2000 stipend awarded to Kathryn L. Ranhorn)

2008 University of Florida International Center Study Abroad Scholarship ($1000 award to Kathryn L. Ranhorn)

2008 U.S. Department of State Gilman Scholarship ($5000 awarded to Kathryn L. Ranhorn)

DISSERTATION GRANTS AND FELLOWSHIP (MENTORED)

2025 Frank Brown African Scholarship, Leakey Foundation, Husna Mashaka

2025 Franklin Mosher Baldwin Fellowship, Leakey Foundation, Babalola Jacobs

2024 Frank Brown African Scholarship, Leakey Foundation, Husna Mashaka

2024 Franklin Mosher Baldwin Fellowship, Leakey Foundation, Babalola Jacobs

2023 Frank Brown African Scholarship, Leakey Foundation, Husna Mashaka
2022 Franklin Mosher Baldwin Fellowship, Leakey Foundation, Husna Mashaka

PREPRINTS AND PUBLICLY AVAILABLE WORK

2022 Goldstein, S.T., ^James, S., **Ranhorn, K.L**. Over two million years of obsidian extraction, utilization, and exchange in Kenya, eastern Africa. Open Science Framework, upload 2022. https://doi.org/10.31219/osf.io/bs3ct

EDITOR REVIEWED COMMENTARIES IN SCHOLARLY JOURNALS

2022 Comment for Jose Lobo, T. Whitelaw, L. M. A. Bettencourt, P. Weissner, M.E. Smith, S. Ortman, "Scaling of Hunter-Gatherer Camp Size and Human Sociality" in *Current Anthropology* 63:1 https://doi.org/10.1086/719234

2020 **Ranhorn, K.L.**, Premo, L., ^Beney, M., Braun, D.R., Brooks, A.S., McPherron, S., Kuhn, S., ^Paige, J., Pargeter, J., Subiaul, F., Stout, D., Tostevin, G. "Investigating the evolution of human social learning through collaborative experimental archaeology." *Evolutionary Anthropology: Issues, News, and Reviews* 29, 53-55.

2020 Riede, F., Araujo, A.G.M., Barton, M.C., Bergsvik, K.A., Groucutt, H.S., ^^Hussain, S.T., Fernandez-Lopez de Pablo, J., Maier,, A., Marwick, B., Pyne, L., **Ranhorn**, **K.L,** Reynolds, N., Riel-Salvatore, J., Sauer, F., Serwatka, K., and A. Zander. Cultural taxonomies in the Paleolithic—Old questions, novel perspectives, *Evolutionary Anthropology: Issues, News, and Reviews*, 29(2): 49-52. https://doi.org/10.1002/evan.21819

2019 Will, M., Tryon, C., ^Shaw, M., Scerri, E.M., **Ranhorn, K.L.**, Pargeter, J., McNeil, J., Mackay, A., ^^Leplongeon, A., Groucutt, H.S., (2019). Comparative analysis of Middle Stone Age artifacts in Africa (CoMSAfrica). *Evolutionary Anthropology*, 28(2), 57. https://doi.org/10.1002/evan.21772

2018 ^Duke, H., Heffter, E., ^Hlubik, S., **Ranhorn, K.L.**, and ^Wolfhagen, J. (2018). The 83rd Society for American Archaeology meeting: New directions in the archeology of human evolution. *Evolutionary Anthropology: Issues, News, and Reviews*, 27(3), 102-104.

PROFESSIONAL COMMENTARIES AND REPORTS

2025 Contributor for *Sapiens* Magazine, "Reclaiming Tanzania's Deep Past, Together"

INVITED CONFERENCE PAPERS AND POSTERS PRESENTED

2026 **Ranhorn. K.L.** "Contending with Information Entropy in Pleistocene Archaeology Research: Examples from Kisese II and Nasera". Session: Current directions in eastern African Middle and Late Pleistocene Archaeology, organized by Drs. Amanual Beyin and Yonatan Sahle. PanAfrican Archaeological Congress, Maputo, Mozambique, July 29.

2024 **Ranhorn, K.L.** "We're the Problem, It's Us: Data Sovereignty and Paleoscience in the East African Rift System", Last Glacial Workshop, organized by Drs. Justin Pargeter and Emma Loftus, New York University, September 4.

2024 **Ranhorn, K.L**. Navigating Power Imbalances in Paleoanthropology Toward Sustainable Stewardship. Genesis Epistemologies Conference, Yale University, November 4.

2019 Tryon, C., Lewis, J., **Ranhorn, K.L.**, Marean, C.W., Hallett, E., Patania, I., Mashaka, H., Ogutu, J., Porter, S.T.P., Colarossi, D., Quinn, R., Niespolo, E.M., and W.D. Sharp. *Les séquences de la fin du Quaternaire dans le centre-nord de la Tanzanie: archives et fouilles archéologiques de l'abri* Kisese II. French Prehistoric Society. Toulouse, France.

2014 **Ranhorn, K.L.**, Braun, D.R., Brooks, A.S. What is Levallois? Quantifying Boëda's volumetric conception with photogrammetry, Society for American Archaeology Program and Abstracts.

CONTRIBUTED CONFERENCE PAPERS AND POSTERS PRESENTED

49. 2026 Abdolahzadeh, A., Murray, J., **Ranhorn, K.L.**, ^Barnes, A., Leader, G., *Stuckey, M. How do macroscopic heat alterations relate to lithic artifact size and raw material type? A controlled heat-fracture experiment. Paleoanthropology Society.

48. 2026 Tryon, C.A., Leplongeon, A., and **Ranhorn, K.L.** Backed pieces in Late Pleistocene and Holocene of Eastern Africa. Microliths in the Old World: raw material, technology, and function. Firenze, Italy, March 27th 2026.

47. 2025 Will, M., Pargeter, J., Brooks, A., Douze, K., Eren, M., Groucutt, H.S., McNeil, J., Mackay, A., **Ranhorn, K.**, Scerri, E., ^Shaw, M., Tryon, C., and Leplongeon, A. Is there a reproducibility crisis in lithic analysis? Lessons learned by the CoMSAfrica network. Society for African Archaeology, Faro, Portugal.

46. 2025 ^Mashaka, H., Kinyanjui, N. R., **Ranhorn, K.**, Porter, Samantha., and the Kondoa Deep History Partnership. Preliminary Analysis of Pleistocene-Holocene Phytoliths from Kisese II Rockshelter (Tanzania). Society for African Archaeology, Portugal.

45. 2025 ^Mashaka, H., Kinyanjui, N. R., **Ranhorn, K.**, Porter, Samantha., and the Kondoa Deep History Partnership. Ancient Plant Remains from Kisese II Rockshelter in Tanzania: What They Tell Us About Earth's Past. Institute for Social Science Research (ISSR). Graduate Student Poster Contest Spring 2025

45. 2025 *Chagi, S., **Ranhorn, K.L.** From Stone Tools to Artificial Intelligence: AI applications in paleoanthropological research and science communication. American Association of Biological Anthropology.

44. 2024 ^James, S., Dillian, C., Clary, K., **Ranhorn, K**. Indigenous Knowledge and Public Lands: A collaborative approach to Indigenizing education in outdoor recreational spaces. Society for American Archaeology, Denver, Colorado.

43. 2024 Alissa Ruth, Kelly J. Knudson, Christopher C. Stojanowski, Christopher R. Caseldine, Matthew V. Kroot, Kostalena Michelaki, Christopher Morehart, Matthew A. Peeples, **Kathryn L. Ranhorn**, Michael E. Smith, Davina Two Bears. Lab-based Undergraduate Research Experiences (LUREs): Evidence of Effectiveness from the Social Sciences. *Journal of Field Archaeology*.

42. 2024 ^Mashaka, H.K., Kinyanjui, N. Rahab, **Ranhorn, K.L.**, Porter, Samantha and the Kondoa Deep History Partnership. High-Resolution Reconstruction of Vegetation Distribution through Phytolith Assemblages in the Kisese II Rockshelter, Dodoma Region. Eastern African Association for Paleoanthropology and Paleontology, Addis Ababa.

41. 2024 **Ranhorn, K.L.**, ^Mashaka, H.K., ^James, S.E, Kondoa Deep History Partnership Stewarding Vanishing Art and Heritage with Collaborative Paleoanthropology in Kondoa, Tanzania. Society for Applied Anthropology, Santa Fe.

40. 2024 ^James, S.E., ^Mashaka, H.K., and **Ranhorn, K.L.** Traditional Ecological Knowledge in Land Stewardship: Perspectives from Kondoa, Tanzania. Society for Applied Anthropology, Santa Fe.

39. 2023 Pargeter, J., Will, M.W., Tryon, C.A., ^Shaw, M., Scerri, E., **Ranhorn, K.L.**, McNeil, J., Mackay, A., Groucutt, H., Douze, K., Eren, M., Brooks, A.S., ^^Leplongeon, A. Replicability in lithic flake analysis: Results from the Comparative Analysis of Middle Stone Age Artifacts in Africa (CoMSAfrica) research project. (online) Society for African Archaeology, Houston.

38. 2023 Will, M.W., Tryon, C.A., Shaw, M., Scerri, E., **Ranhorn, K.L.**, Pargeter, J., McNeil, J., Mackay, A., ^^Leplongeon, A., Groucutt, H., Douze, K., Brooks, A.S. Introducing the network Comparative Analysis of Middle Stone Age artifacts in Africa (CoMSAfrica). Society for African Archaeology, Houston.

37. 2023 Porter, S.T.P., **Ranhorn, K.L.**, and the Kondoa Deep History Partnership. In with the Old, In with the New: Integrating Archival and Modern Digital Methods at Kisese II, Tanzania. Paleoanthropology Society, Portland.

36. 2023 Tryon, C.A., Pargeter, J., Will, M.W., Shaw, M., Scerri, E., **Ranhorn, K.L.**, ^McNeil, J., Mackay, A., Groucutt, H., Douze, K., Eren, M., Brooks, A.S., ^^Leplongeon, A. Getting to 'big data' in the Paleolithic, or, when and how can we reliably aggregate lithic information? First results from the Comparative Analysis of Middle Stone Age Artifacts in Africa (CoMSAfrica) research project. Paleoanthropology Society, Portland.

35. 2022 ^Mashaka, H.K., **Ranhorn, K.L.**, Ogutu, J., Mollel, S. From the classroom to archaeological field experiences and heritage work. PanAfrican Archaeological Congress. Stonetown, Zanzibar.

34. 2022 **Ranhorn, K.L.** Lithic technological patterns in Tanzania and the need for multi-sector archaeological stewardship. PanAfrican Archaeological Congress, Stonetown, Zanzibar.

33. 2022 **Ranhorn, K.L.** Deep History and Community Joy in Kondoa, Tanzania. Deep History and Community Joy Symposium. Online.

32. 2022 Niespolo, E.M., Sharp, W.D., Fylstra, N., Aguirre-Palafox L.E., Tryon, C., Lewis, J., **Ranhorn, K**. Expanding the application of 230^{Th}/U burial dating of ostrich eggshells to burnt samples and by laser ablation. Geological Society of America. Denver, Colorado.

31. 2022 ^Huang, C., ^Murray, J.K., ^James, S., *Ferrer, A.I., ^Paige, J., ^Hansen, N., **Ranhorn, K.L.** Flake it 'Til You Make It: Raw Material Quality, Skill, and Variation in Stone Tool Production. Poster presented at *Society of American Archaeology*. Online.

30. 2021 *Hansen, N.R., ^Murray, J.K., *Ferrer, A.I., *Edington, H., and **Ranhorn, K.L.** Variation in Response to Heat-Treatment in Jasper from the Perkinsville Valley, Arizona. In *Society of American Archaeology*. Online.

29. 2021 Hlubik, S., ^Biernat, M., **Ranhorn**, **K.L.,** Ndiema, E.K., Kiura, P., and D.R Braun. A holistic approach to student engagement in field settings. Paper read at American Association of Biological Anthropologists, Online.

28. 2021 Laird, M.F., Sawchuk, E.A., Kwekason, A., Mabulla, A.Z.P., Ndiema, E.K., Tryon, C.A., Lewis, J.E., and **Ranhorn, K.L.** Human burials at the Kisese II rockshelter, Tanzania. Paper read at American Association of Biological Anthropologists, Online.

27. 2020 Ssebuyungo, C, ^Mavuso S., ^^Colarossi D., ^^Dogandzic, T., *O'Brien, K., Ndiema, E., D.R. Braun, J.W.K. Harris and **K.L. Ranhorn**. GaJj17: A Middle Stone Age site at Koobi Fora, East Turkana (Kenya). American Association for Physical Anthropology (post-poned due to COVID-19).

27. 2020 *Ribordy, M., **Ranhorn, K.L.**, Braun, D.R., ^O'Brien, K., ^Mavuso, S., Colarossi, D., Dogandzic, T., Sseyebungo, C., ^Warren, S., Harris, J.W.K., Ndiema, E.K. The Aquatic Fauna of GaJj17, a Late Pleistocene site at Koobi Fora, Kenya, and the implications of aquatic resources for human evolution. Paleoanthropology Society (post-poned due to COVID-19).

26. 2019 I. Patania, **Ranhorn**, **K.L.**, J. Lewis, S.T. Porter, D. Colarossi, ^H. Mashaka, ^J. Ogutu, C. Tryon, The geoarchaeological history of Kisese II Rockshelter, Tanzania. Paleoanthropology Society. Albuquerque, New Mexico.

25. 2019 I. Patania, **Ranhorn**, **K.L.**, J. Lewis, S.T. Porter, D. Colarossi, ^H. Mashaka, ^J. Ogutu, C. Tryon, The geoarchaeological history of Kisese II Rockshelter, Tanzania. East African Association of Paleontology and Paleoanthropology. Nairobi, Kenya.

25. 2019 *Quirin, C., Quinn, R., Lewis, J., **Ranhorn, K.L.**, Tryon, C.A. Mammalian enamel stable isotopic ($d^{13}C$, $d^{18}O$) evidence for environmental change during the MSA-LSA transition at the Kisese II rockshelter, Tanzania. Program of the Annual Meeting of the Society for American Archaeology: 60.

24. 2019 **Ranhorn, K.**, Porter, S., Lewis, J., Tryon, C.A. Virtual reality at Kisese II: A painted rockshelter in central Tanzania. Nyama Akuma (Society of Africanist Archaeologists Bulletin).

24. 2019 **Ranhorn, K.**, Tryon, C.A. A new radiocarbon chronology for Nasera rockshelter, Tanzania. Nyama Akuma (Society of Africanist Archaeologists Bulletin).

24. 2018 **Ranhorn, K.L.**, ^Ogutu, J.J., Patania, I., ^Mashaka, H., ^Molel, S., ^Munisi, N., Lewis, J.E., Tryon, C.A. Community Archaeology in Kondoa: New Excavations from the Late Pleistocene-Holocene Sequence at Kisese II Rock Shelter, Tanzania. PaleoAnthropology Society. Austin, Texas.

23. 2018 *Kelsey, B., *Mavuso, S.*, Colarossi, D., Ssebuyungo, C., Ndiema, E.K., Harris, J.W.K., Braun, D.R., **Ranhorn, K.L.** The Lithostratigraphy of the Middle Stone Age in the Northeastern Turkana Basin. Paleoanthropology Society. Austin, Texas.

23. 2018 Niespolo, E.M., Sharp, W.D., Tryon, C.A., Faith, J.T., Lewis, J., **Ranhorn, K.L.**, Quinn, R., Mambelli, S., Miller, M.J., Dawson, T.E. Light stable isotopes of ostrich eggshells provide site-specific paleoenvironmental records during the Middle-to-Later Stone Age transition in Eastern Africa. Geological Society of America.

22. 2018 **Ranhorn, K.L.** and C.A. Tryon. A cultural transmission framework for studying late Quaternary hunter-gatherer lithic technology: the view from Nasera Rock." Society for African Archaeology, Toronto.

21. 2018 **Ranhorn, K.L.**, Porter, S.T., Lewis, J., Tryon, C.T. Virtual Reality at Kisese II: A Painted Rock Shelter in Kondoa, Central Tanzania. Society for African Archaeology, Toronto.

20. 2018 **Ranhorn, K.L.**, Tryon, C.A., Lewis, J.L. Quaternary human rock-shelter use in Africa: archaeological, ecological, and landscape perspectives. AFQUA Nairobi, Kenya.

20. 2018 Tryon, C.A., Lewis, J.E., **Ranhorn, K.L.**, Niespolo, E.M., Sharp, W.D., Quinn, R.L., Faith, J.T. A multi-proxy approach to understanding Late Pleistocene Eastern African paleoenvironments at archaeological sites in Kenya and Tanzania. American Geophysical Union, abstract ID 415212.

19. 2017 **Ranhorn, K.L.**, Lewis, J.E., Tryon, C.A., Kwekason, A., Mabulla, A.
Renewed Investigations at Kisese II Rockshelter, Kondoa, Tanzania (UNESCO World Heritage Centre). Annual Meeting of the International Committee on Archaeological Heritage Management (ICAHM) Program.

18. 2017 *Murray, B.M., Colarossi, D., ^Mavuso, S.S., ^Dogandzic, T., *Ziegler, M.J., *Warren, S.L., Braun, D.R., Harris, J.W.K., **Ranhorn, K.L**.
Multiscalar Approach to Archaeological Site Formation at GaJj17, East Turkana, Kenya, Geological Society of America Abstracts with Programs 49(6).

17. 2017 ^Ssebuyungo, C., Dogandžić, T., ^Mavuso, S.S., *Hagen, L.V.H., *Jirsa, C.E., *Ziegler, M.J., *Warren, S.L., Harris, J.W.K., Braun, D.R., **Ranhorn, K.L.** Site Formation Process at GaJj17 (East Turkana, Kenya), Eastern African Association for Paleontology and Paleoanthropology, Addis Ababa, Ethiopia.

16. 2017 **Ranhorn, K.L.**, ^Dogandžić, T., ^Mavuso, S.S., ^Sseyebungo, C., *Hagen, L.V., *Jirsa, C.E., *Ziegler, M.J., *Warren, S.L., Harris, J.W.K., Braun, D.R.
GaJj17: An MSA Lake Shore Site at East Turkana, Society for American Archaeology Program and Abstracts.

15. 2017 *Hagen, L.V., ^Dogandzic, T., Harris, J.W., Braun, D.R., **Ranhorn, K.L.** Lithic Analysis of GaJj17: a Middle Stone Age Locality in Koobi Fora, northern Kenya, Society for American Archaeology Program and Abstracts.

14. 2017 *Jirsa, C., ^Dogandzic, T., Braun, D.R., **Ranhorn, K.L.** Assessing Edge Damage in MSA Lithic Assemblages: Experimental Proxies for the Analysis of Use and Post-Depositional Damage Society for American Archaeology Program and Abstracts.

13. 2017 *Warren, S.L., *Ziegler, M.J., ^Mavuso, S.S., ^Dogandžić, T., Harris, J., Braun, D.R., **Ranhorn, K.L.** Mapping MSA Deposits: Regional Geological Investigation of Upper Chari Member Sediments in the Ileret Region, East Turkana, Kenya, Society for American Archaeology Program and Abstracts.

12. 2017 *Ziegler, M.J., *Warren, S.L., *Sseyebungo, C., ^Mavuso, S.S., ^Dogandžić, T., Harris, J., Braun, D.R., **Ranhorn, K.L.** Site Formation Analysis of Locality GaJj17 in the Koobi Fora Formation, Kenya, Society for American Archaeology Program and Abstracts.

11. 2016 **Ranhorn, K.L.**, Braun, D.R., Tryon, C.A., Brooks, A.S.B. Late Pleistocene Lithic Technological Patterns in East Africa, Society for American Archaeology Program and Abstracts.

10. 2016 ^^Wilkins, J., Brown, K., ^Oestmo, S., Pereira, T., **Ranhorn, K.L.**, ^Schoville, B., Marean, C.W. Human–environment interaction through the Late Pleistocene on the South Coast, South Africa: Generating a high-resolution record of lithic technological change for integration with the SACP4 Palaeoscape model, Quaternary International (AFQUA) (404): 205.

9. 2015 ^^Wilkins, J., Brown, K., ^Oestmo, S., Pereira, T., **Ranhorn, K.L.**, ^Schoville, B., Marean, C.W. A high-resolution ~110,000 year Middle Stone Age lithic technological sequence from Pinnacle Point, South Africa. Society for American Archaeology Program and Abstracts.

8. 2015 Tryon, C.A., Lewis, J.E., **Ranhorn, K.L.**, ^Laird, M., Mabulla, A.Z., Kwekason, A., Gidna, A., Ehrardt, C.L., Marean, C.W. Renewed investigation of the Late Pleistocene-Holocene archaeological and paleoenvironmental sequence from Kisese II rockshelter, Tanzania, PaleoAnthropology 2015: A34.

7. 2015 **Ranhorn, K.L.**, ^Kaplan, R.S., Braun, D.R., Subiaul, F., Brooks, A.S. Detecting signatures of cultural transmission in lithic assemblages: an actualistic study, Society for American Archaeology Program and Abstracts.

6. 2014 ^^Wilkins, J., Brown, K.S., ^Oestmo, S., Pereira, T., **Ranhorn, K.L.**, ^Schoville, B.J., Marean, C.W. A high-resolution Late Pleistocene (~90-50 ka) Middle Stone Age Lithic Technological Sequence at Pinnacle Point Site 5-6, South Africa, PaleoAnthropology 2014: A29.

5. 2013 **Ranhorn, K.L.**, Brooks, A.S., Masao, F.T., Yellen, J. The Middle Stone Age of Southeastern Tanzania. Society for American Archaeology Program and Abstracts.

4. 2013 **Ranhorn, K.L.**, Brooks, A.S., Masao, F.T., Ramadhani, S., J Yellen. New data on the Middle Stone Age from southeastern Tanzania. East African Association for Paleontology and Paleoanthropology Annual Meeting Abstracts.

3. 2012 **Ranhorn, K.L.** and Brooks, A.S. Quantifying symmetry in the Middle Stone Age: a morphometric analysis of projectile points from Botswana and Ethiopia, PaleoAnthropology: A29.

2. 2011 **Ranhorn, K.L.** Combining Microfinance and Socially Responsible Tourism: Lessons from the Field. Society for Applied Anthropology, Seattle, WA, March 29-April 2.

1. 2010 **Ranhorn, K.L.** Homelessness in Gainesville: An Ethnography of Illness, Social Network, and Criminalization. Society for Applied Anthropology, Merida, Mexico, March 24-27.

CONFERENCE SYMPOSIA ORGANIZED

2022 "Human Evolution and Cultural Heritage Management in Africa: Papers in Honor of Professor Fidelis Masao", PanAfrican Archaeological Congress, Stonetown, Zanzibar. Aug 3-6, 2022.

2022 "Deep History and Community Joy", ASU Center for Global Health Annual Theme, Virtual.

2019 "Part II: Social Learning in the Paleolithic: Experimental Approaches," workshop preceding the 84th Annual Society for American Archaeology Meeting, Albuquerque, NM, April 7-9.

2018 "Social Learning in the Paleolithic: Experimental Approaches," co-organized with Luke Premo at the 83rd Annual Society for American Archaeology Meeting, Washington, DC, April 11-15.

INVITED WORKSHOPS ATTENDED

2026 tDAR-3D: An Open Science Workshop for Sustainable 3D Cultural Heritage Preservation

2023 Participant, Comparative Middle Stone Age workshop, Jena, Germany, May 2023

2019 Participated in "All these fantastic cultures? Cultural taxonomies in the Palaeolithic - old questions, novel perspectives organized" workshop organized by Felix Riede at Aarhus University, Sandbjerg Estate, Denmark, November 27-29.

2019 Participated in "Comparative Middle Stone Age in Africa" workshop organized by Katja Douze and Manuel Will at the University of Geneva, Geneva, Switzerland. Nov. 4-6.

2019 Participated in Radcliffe Workshop: "Archaeological evidence for early human dispersals around the Mediterranean basin" at Harvard University, Cambridge, Massachusetts, May 19-21.

2018 Participated in Radcliffe Workshop: "Comparative Middle Stone Age in Africa" workshop organized by Christian Tryon and Manuel will at Harvard University, Cambridge, Massachusetts, Nov. 5-6

INVITED PUBLIC LECTURES AND TALKS

2024 "Humanizing Human Evolution", University of Connecticut, September 9.

2024 "Cultivating Community-Centered Research", *Towards A Publicly Engaged Biological Anthropology,* Invited Webinar for the American Association of Biological Anthropology, https://youtu.be/Qv4KfQmGZbs?si=q1HPzGGFMmgYvAKW

2022 Stewarding vanishing art and heritage in Kondoa, Tanzania, Rift Valley Network, March 8.

Before ASU

2018 Guest Lecturer, Small Scale Societies, Harvard University

2018 "Recent Findings from the Middle Stone Age at East Turkana, Kenya", Harvard University, Department of Human Evolutionary Biology

2018 "Cultural Transmission in the Middle Stone Age: Perspectives from Kondoa and Koobi Fora." Stony Brook University, Archaeology Seminar Series, Department of Anthropology

2018 "Cultural Transmission in the Paleolithic: 3D Methods and Experimental Approaches." University of Minnesota, Brown Bag Series, Department of Anthropology

2018 "Cultural Transmission in Middle Stone Age Eastern Africa", University of Connecticut, Old World Archaeology Lecture Series, Department of Anthropology.

2017 "Writing a dissertation and obtaining a post-doctoral position", Invited speaker for "The Professor Is In" student seminar, University of Minnesota

2017 "Cultural Transmission and Lithic Technology in Middle Stone Age Eastern Africa", Yale University, Archaeology Brownbag Series, Department of Anthropology

2017 "Cultural Transmission and Lithic Technology in Middle Stone Age Eastern Africa", Harvard University, Department of Anthropology

INVITED ASU TALKS

2025 "Beginnings of Technological Dependence: Views from the African Paleolithic", Innovation Gallery Talk, School of Human Evolution and Social Change

2024 "Stewarding Vanishing Art and Heritage with Collaborative Paleoanthropology", Institute of Human Origins Lucy 50 Lecture Series (September 12). https://www.youtube.com/watch?v=70pJG2YcM30

2023 "Lithic technology in human origins", Institute of Human Origins breakfast talk organized by Herb Roskind (February 14).

2022 "Ancient DNA help reveal social changes in Africa 50,000 years ago that shaped the human story", Spring Institute of Human Origins board meeting presentation, Tempe, Arizona. (April 20).

2020 "Community archaeology in Kondoa: New excavations from the Late Pleistocene-Holocene rockshelter at Kisese II, Tanzania", SHESC Archaeology Brownbag, Arizona State University (February 13).

2020 "Investigating the social behavior of the earliest humans in Eastern Africa", ASM 300: Anthropological Sciences Seminar, Arizona State University (February 10).

2019 "When and how did humans begin to populate the globe?," Fall Institute of Human Origins board meeting presentation, New York, New York. (November 5).

2019 "The Archaeology of Modern Human Origins: Views from Eastern Africa" Undergraduate Anthropology Association invited speaker, Arizona State University (October 23).

PUBLIC OUTREACH

2024 "Who are we? What it means to be human". *Blazing the Trail* podcast, episode 1, University of Sydney, Australian Museum, University of Liverpool, University of Wroclaw and BreakThru Films https://shows.acast.com/blazing-the-trail/episodes/sapiens

2023 "Anthropologist prioritizes the people part of research," ASU News, https://news.asu.edu/20230718-global-engagement-anthropologist-prioritizes-people-part-research

2023 "Stone Age tool-making lab rocks for ASU students", ASU News, https://news.asu.edu/20230110-discoveries-stone-age-toolmaking-lab-rocks-asu-students

2023 Undergraduate Anthropology Association's Networking with Faculty Event, Arizona State University, School of Human Evolution and Social Change

2021 "Technological change in Late Pleistocene eastern Africa: community archaeology and experimental approaches." American Museum of Natural History Docents. (September 29).

2021 "Deep history and the co-production of knowledge." Staff research talk, Arizona State University, School of Human Evolution and Social Change. (April 2).

2020 Video Interview for Arizona PBS "Catalyst" (flintknapping)

Before ASU

2019 "Careers in Cultural Evolution", Organized and led panel presented to the University of New Mexico Anthropology Undergraduate Club, supported by the Cultural Evolution Society

2018 "Community Archaeology in Kondoa." *In Situ*, News and Events of the Harvard Standing Committee on Archaeology

2017 "Cultural Heritage in Tanzania", Video Interview (Swahili), Tanzania news broadcast Zamadamu, Filmed in Bagamoyo, Tanzania. https://www.youtube.com/watch?v=jOlUkMSsJuw&t=884s

2016 "What is Archaeology?" Boy Scouts of America Exploration Merit Badge Pamphlet, https://bit.ly/2YzDHcj

2016 "Moving on Up: 5 Financial Secrets No One Tells You About Graduate School". George Washington University Graduate Student Blog, https://bit.ly/3j4Cr8P
2015 "Photogrammetry in Archaeology." Department of Archaeology, University of Dar es Salaam
2015 "Protecting Olduvai's Treasures." George Washington University Student Blog: https://bit.ly/3FuTN85
2015 "Ancestors for Us All—Cultural Heritage and Prehistory Research in Tanzania." George Washington University Student Blog: https://bit.ly/3oQDqNz
2014 "Paleolithic Pilgrimage." George Washington University Student Blog: https://bit.ly/3uUB54Y
2013 "Percussive Tools and Particle Colliders." George Washington University Student Blog: https://bit.ly/3mTvys3
2012 "Interdisciplinary Adventures in Tanzania." George Washington University Graduate Student Blog: https://bit.ly/2YvGL9E
2012 "Igniting Curiosity in Children at the USA Science and Engineering Festival." George Washington University Graduate Student Blog: https://bit.ly/3DpjxB7

TEACHING

COURSES TAUGHT

Arizona State University

2024-present ASB 484/561: Stewarding the Data Lifecyle (co-taught with C. Nicholson)
2022-present Human Cultural Beginnings ASB 361 Online
2021-2024 Buried Cities and Lost Tribes (ASB 222 Online)
2021-present Anthropological Sciences Seminar (ASM 300)
2020-2022 Pleistocene Archaeology / Human Cultural Beginnings (ASB 361)
2020-present Lithic Analysis (ASM 573)

Harvard University

2019 Sophomore Tutorial, Human Evolutionary Biology
2019 Junior Tutorial, Human Evolutionary Biology

MENTORSHIP

Arizona State University Postdoctoral Scholars (1 Total)

2022-present Aylar Abdolahzadeh

Arizona State University Doctoral Students (Committee Chair or Co-Chair) (4 Total)

2024-present Babalola Jacobs
2023-present Husna Mashaka
2022-2023 Nicolas Hansen
2022-present Sydney James

Arizona State University Doctoral Students (Committee Member) (3 Total)

2024-present Amy Rieth
2023-present Nicolas Hansen
2022-present John Murray
2022-present Cindi Huang
2021-2023 Aliya Hoff

Arizona State University Masters Students (Committee Chair or Co-Chair) (2 Total)

2023-2024 Franklin Norris
2021-2023 Nicolas Hansen
2020-2022 Sydney James

Arizona State University Masters Students (Committee Member) (3 Total)

2020-2022 John Murray

2020-2022 Cindi Huang
2020-2021 Dean Blumenfeld

Arizona State University Undergraduate Theses Advised (2 Total)

2022-2023 Madeleine Oricchio (Barrett Honors College Thesis Advisor)
2019-2020 Nicolas Hansen (Barrett Honors College Thesis Advisor)

Arizona State University Undergraduate Students Mentored (6 Total)

2025-present Cylese Solano (Undergraduate Research Apprentice)
2023-2024 Seth Chagi (Undergraduate Research Apprentice)
2022 Dylan Myers (Undergraduate Research Apprentice)
2022 Katharine Namchek (Undergraduate Research Apprentice)
2022 Lilyann Nunley (Undergraduate Research Apprentice)
2021 Madeleine Oricchio (Undergraduate Research Apprentice)
2020 Nicolas Hansen (Undergraduate Research Apprentice)
2020 Alexa Ithxayana Ferrer (Undergraduate Research Apprentice)

SERVICE

PROFESSIONAL ACTIVITIES

Professional Service

2024-present Treasurer, Eastern African Association of Paleontology and Paleoanthropology
2015–present Director, Kondoa Deep History Partnership
2021–present Co-director, Middle and Late Pleistocene Turkana Geoarchaeology Project
2020-2022 Bibliographic Database of African Archaeology Co-organizer
2018-present Reviewer for the following publications: *Current Anthropology*, *Journal of Human Evolution*, *Journal of Paleolithic Archaeology*, *Journal of African Archaeology*, *Azania: African Archaeological Research*, *African Archaeological Review*, *PCI Archaeology*, *Evolutionary Anthropology, Evolutionary Human Sciences, Studies in the African Past*
2019-present Reviewer for the following funding agencies: *National Science Foundation*, *Leakey Foundation*

Professional Associations

2013-present Paleoanthropology Society
2011-present Eastern African Association for Paleontology and Paleoanthropology
2011-2019 Society for African Archaeology
2011-2019 Society for American Archaeology
2019-2020 Archaeological Institute of America
2019-2020 Cultural Evolution Society
2017-2018 International Committee on Archaeological Heritage Management
2014-2015 Reconstructive and Experimental Archaeology Conference
2010-2011 American Anthropological Association

Unit Service, Arizona State University

2025 Member, Environmental Social Science Search Committee
2023-2025 Member, Committee for Charter Initiatives
2021-2022 Member, Curator of Collections Search Committee
2021 Member, African Archaeology Search Committee
2020-2021 Member, Critical Biologies Cluster Search Committee (2 positions)
2020-2021 Member, Institute of Human Origins Director Search Committee
2019-2023 Member, Personnel Committee, School of Human Evolution and Social Change

Center Service, Institute of Human Origins

2019-present	Research Scientist; semesterly reports, board presentations, and fundraising events

Before ASU

2013–2019	Senior Researcher, Koobi Fora Research and Training Program
2017	GW Anthro Peer Advocates Organizer, George Washington University
2013-2017	Diversity in Science Committee, Co-founding Member, George Washington University
2017	Closing the Gender Gap in STEM, Invited Panelist, George Washington University