

IDENTIFYING INFORMATION:

NAME: O'Brien, Kaedan

ORCID iD: <https://orcid.org/0000-0002-2763-8333>

POSITION TITLE: PhD Candidate

PRIMARY ORGANIZATION AND LOCATION: University of Utah, Salt Lake City, Utah, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
University of Utah, Salt Lake City, Utah, United States	MS	12/2019	Anthropology
University of Wisconsin-Madison, Madison, Wisconsin, United States	BS	05/2018	Anthropology and Zoology

Appointments and Positions

- 2020 - present PhD Candidate, University of Utah, Salt Lake City, Utah, United States
- 2020 - present Graduate Research Fellow, National Science Foundation, Salt Lake City, Utah, United States
- 2018 - present Visiting Researcher, National Museums of Kenya Department of Earth Sciences, Nairobi, Not Applicable, N/A, Kenya
- 2018 - present Student Academic Affiliate, Natural History Museum of Utah, Salt Lake City, Utah, United States
- 2018 - present Student Affiliate, University of Utah Archaeological Center, Salt Lake City, Utah, United States
- 2018 - present Student Affiliate, Global Change & Sustainability Center, Salt Lake City, Utah, United States

Products**Products Most Closely Related to the Proposed Project**

- O'Brien K, Podkovyrov K, Fernandez D, Tryon C, Ashioya L, Faith J. Migratory behavior in the enigmatic Late Pleistocene bovid *Rusingoryx atopocranium*. *Frontiers in Environmental Archaeology*. 2023; 2:-. Available from: <https://www.frontiersin.org/articles/10.3389/fearc.2023.1237714/full> DOI: 10.3389/fearc.2023.1237714
- O'Brien K, Hebdon N, Faith J. Paleoeological evidence for environmental specialization in *Paranthropus boisei* compared to early *Homo*. *Journal of Human Evolution*. 2023 April; 177:103325-. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0047248423000027> DOI: 10.1016/j.jhevol.2023.103325
- O'Brien KAEDAN, Tryon Christian A, Blegen Nick, Kimeu Boniface, Rowan John, Faith J Tyler. First appearance of Grévy's zebra (*Equus grevyi*), from the middle pleistocene kapthurin formation, Kenya, sheds light on the evolution and paleoecology of large zebras. *Quaternary Science Reviews*. 2021; 256:106835.

4. Faith J Tyler, Rowan John, O'Brien Kaedan, Blegen Nick, Peppe Daniel J. Late Pleistocene mammals from Kibogo, Kenya: systematic paleontology, paleoenvironments, and non-analog associations. *Journal of Vertebrate Paleontology*. 2020; :e1841781.
5. O'Brien K, Patterson DB, Biernat MD, Braun David R, Cerling TE, McGrosky A, Faith JT. Ungulate turnover in the Koobi Fora Formation: Spatial and temporal variation in the Early Pleistocene. *Journal of African Earth Sciences*. 2020; 161:103658.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Ranhorn K, Mavuso S, Colarossi D, Dogandžić T, O'Brien K, Ribordy M, Ssebuyungu C, Warren S, Harris J, Braun D, Ndiema E. By the lakeshore: Multi-scalar geoarchaeology in the Turkana Basin at GaJ17, Koobi Fora (Kenya). *Quaternary Science Reviews*. 2023 October; 317:108257-. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0277379123003050> DOI: 10.1016/j.quascirev.2023.108257
2. Patterson David B, Braun David R, Allen Kayla, Barr W Andrew, Behrensmeier Anna K, Biernat Maryse, Lehmann Sophie B, Maddox Tom, Manthi Fredrick K, Merritt Stephen R, others. Comparative isotopic evidence from East Turkana supports a dietary shift within the genus *Homo*. *Nature ecology & evolution*. 2019; 3(7):1048--1056.
3. Goldstein S, O'Brien K, Adum A, Mwangi J. A multi-component forager-to-herder sequence at Kapsoo Rockshelter (Chebinyiny) on the Uasin Gishu Plateau, Kenya. *Azania: Archaeological Research in Africa*. 2023 September 27; :1-27. Available from: <https://www.tandfonline.com/doi/full/10.1080/0067270X.2023.2259751> DOI: 10.1080/0067270X.2023.2259751
4. Kaedan O'Brien, Joan Brenner-Coltrain, Daniel Dalmas, Katrina Derieg, Thomas Evans, Eric Richards, Fumiko Richards, J. Tyler Faith, Eric Rickart, Randall Irmis. The utility of alpine cave fossil assemblages for zoological census: an example from northern Utah, U.S.A.. 2023 August. Available from: <https://doi.org/10.1093/jmammal/gyad093> DOI: 10.1093/jmammal/gyad093

Synergistic Activities

1. Journal Club Panel Member, Proceedings of the National Academy of Sciences (2020-present).
2. Mentored and trained University of Utah undergraduates in faunal analysis and stable isotope processing through the Undergraduate Research Opportunities Program, University of Utah (2021-2023).
3. Swahili tutoring for five graduate and undergraduate students, including weekly meetings with lessons and quizzes, University of Utah (2020-2022).
4. Mentored National Museums of Kenya interns in faunal analysis and stable isotope processing, National Museums of Kenya (2019-2022).
5. Science Communication Fellow, Natural History Museum of Utah, (2020).

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by O'Brien, Kaedan in SciENCv on 2023-10-08 19:02:52