W. Andrew Barr - Curriculum Vitae

Department of Anthropology
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Education

2014	University of Texas at Austin. Ph.D., Anthropology.
2008	University of Texas at Austin. M.A., Anthropology.
2005	Tulane University. B.S., Anthropology and French.

Academic Appointments

2019 - Present	Assistant Professor. Department of Anthropology. Center for the Advanced Study of Human Paleobiology. The George Washington University.
2014 - Present	Research Associate. Department of Paleobiology. National Museum of Natural History.
2016 - 2019	Visiting Assistant Professor. Department of Anthropology. Center for the Advanced Study of Human Paleobiology. The George Washington University.
2014 - 2016	Postdoctoral Scientist. Department of Anthropology. Center for the Advanced Study of Human Paleobiology. The George Washington University. Advisor: Bernard Wood.

Research Grants and Fellowships

2022	Leakey Foundation - Modern African ecosystems as analogues for hominin paleo-landscapes. Role: Co-PI. $19,876
2021	National Science Foundation - Examining the relationship between an increasingly carnivorous *Homo erectus* and Pleistocene mammal extinctions. Role: PI. $90,099
2020	National Science Foundation - Collaborative Research: Catching Fire: Pyrotechnology and Ecosystem Change in the Turkana Basin. Role: Co-PI. $237,661.
2019	National Science Foundation - Collaborative Research: REU Site: Past and Present Human-Environment Dynamics in the Turkana Basin, Kenya. Role: Senior Personnel. $305,846
2019	National Science Foundation - HRRBAA: Paleontology and paleoanthropology of a potential Late Miocene site in the Laikipia highlands. Role: PI. $26,581. 2020 fieldwork season postponed due to COVID-19.
2013	University of Texas at Austin - Named Continuing Fellowship. $29,000.
2012	Wenner-Gren Foundation - Dissertation Fieldwork Grant. $13,317.
2007	National Science Foundation - Graduate Research Fellowship. $90,000.

Peer-Reviewed Journal Articles

2023

28. Negash E, **Barr WA**. Relative abundance of grazing and browsing herbivores is not a direct reflection of vegetation structure: Implications for hominin paleoenvironmental reconstruction. *Journal of Human*

Evolution. 177:103328 doi:10.1016/j.jhevol.2023.103328

2022

27. **Barr WA**, Pobiner BL, Rowan J, Du A, Faith JT. No sustained increase in zooarchaeological evidence for carnivory after the appearance of *Homo erectus*. *Proceedings of the National Academy of Sciences*. 119 (5) e2115540119. doi:10.1073/pnas.2115540119

26. Fraser D, Villaseñor A, Tóth A, Balk M, Eronen JT, **Barr WA**, Behrensmeyer AK, Davis M, Du A, Faith JT, Gotelli NJ, Graves, G, Jukar AM, Looy CV, McGill BJ, Miller JH, Pineda-Munoz S, Potts R, Shupinski AB, Soul LC, and Lyons SK. Late Quaternary Biotic Homogenization of North American Mammalian Faunas. *Nature Communications*. 13:3940. doi:10.1038/s41467-022-31595-8

2021

25. Robinson JR, Rowan J, **Barr WA**, Sponheimer M. Intrataxonomic trends in herbivore enamel δ13C are decoupled from ecosystem woody cover. *Nature Ecology and Evolution*. 5:995–1002. doi:10.1038/s41559-021-01455-7

24. Geraads D, Reed D, **Barr WA**, Bobe R, Stamos P, Alemseged Z. Plio-Pleistocene mammals from Mille-Logya, Ethiopia, and the post-Hadar faunal change. *Journal of Quaternary Science*. 36:1073-1089. doi:10.1002/jqs.3345

23. Dumouchel L, Bobe R, Wynn J, **Barr WA**. The environments of *Australopithecus anamensis* at Allia Bay, Kenya: A multiproxy analysis of early Pliocene Bovidae. *Journal of Human Evolution*. 151:102928. doi:10.1016/ j.jhevol.2020.102928

22. Fraser D, Soul LC, Tóth AB, Balk MA, Eronen JT, Pineda-Munoz S, Shupinski AB, Villaseñor A, **Barr WA**, Behrensmeyer AK, Du A, Faith JT, Gotelli NJ, Graves GR, Jukar AM, Looy CV, Miller JH, Potts R, Lyons SK. Investigating biotic interactions in deep time. *Trends in Ecology and Evolution*. 36:61-75, doi:10.1016/ j.tree.2020.09.001

21. Pineda-Munoz S, Jukar AM, Amatangelo K, Balk MA, **Barr WA** Behrensmeyer AK, Blois J, Davis M, Du A, Eronen JT, Fraser D, Gotelli NJ, Looy C, Miller J, Shupinski AB, Soul LC, Tóth AB, Villaseñor A, Wing S, Lyons SK. Body mass-related changes in mammal community assembly patterns during the late Quaternary of North America. *Ecography*. 44:56-66. doi:10.1111/ecog.05027

2020

20. **Barr WA**, Biernat M. Mammal functional diversity and habitat heterogeneity: Implications for hominin habitat reconstruction. *Journal of Human Evolution*. 146:102853. doi:10.1016/j.jhevol.2020.102853

19. Faith JT, Rowan J, Du A, **Barr WA**. The uncertain case for human-driven extinctions prior to *Homo sapiens*. *Quaternary Research*. 96:88-104. doi:10.1017/qua.2020.51

18. Alemseged Z, Wynn JG, Geraads D, Reed DN, **Barr WA**, Bobe R, McPherron S, Deino A, Alene M, Sier M, Roman D, Mohan J. Fossils from Mille-Logya, Afar, Ethiopia, shed light on the link between late Pliocene environmental changes and the origin of *Homo*. *Nature Communications*. 11:2480. doi:10.1038/s41467-020-16060-8

17. Geraads D, Didier G, **Barr WA**, Reed D, Laurin M. The fossil record of camelids demonstrates a late divergence between Bactrian camel and dromedary. *Acta Palaeontologica Polonica*. 65(2):251-260. doi:10.4202/ app.00727.2020

16. **Barr WA**. The morphology of the bovid calcaneus: function, phylogenetic signal, and allometric scaling. *Journal of Mammalian Evolution.* 27:111-121. doi:10.1007/s10914-018-9446-9

2019

15. Geraads D, **Barr WA**, Reed DN, Laurin M, Alemseged Z.. New remains of *Camelus grattardi* (Mammalia, Camelidae) from the Plio-Pleistocene of Ethiopia and the phylogeny of the genus. *Journal of Mammalian Evolution*. doi:10.1007/s10914-019-09489-2
14. Tóth, AB, Lyons SK, **Barr WA**, Behrensmeyer AK, Blois JL, Bobe R, Davis M, Du A, Eronen J, Faith JT, Fraser D, Gotelli NJ, Graves GR, Jukar AM, Miller JH, Pineda-Munoz S, Soul LC, Villaseñor A, Alroy J. Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. *Science.* 365:1305-1308. doi:10.1126/science.aaw1605
13. Patterson DB, Braun DR, Allen K, **Barr WA**, Behrensmeyer AK, Biernat M, Lehmann SB, Maddox T, Manthi FK, Merritt SR, Morris SE, O'Brien K, Reeves JS, Wood BA, Bobe R. Comparative isotopic evidence from East Turkana is consistent with a dietary shift between early *Homo* and *Homo erectus*. *Nature Ecology and Evolution*. 3:1048-1056. doi:10.1038/s41559-019-0916-0

2018

12. Fraser D, Haupt R, **Barr WA**. Phylogenetic signal in tooth wear dietary niche proxies: What it means for those in the field. *Ecology and Evolution.* doi:10.1002/ece3.4540
11. Fraser D, Haupt R, **Barr WA**. Phylogenetic Signal In Tooth Wear Dietary Niche Proxies. *Ecology and Evolution*. 8:5355-5368 doi:10.1002/ece3.4052
10. Blondel C, Rowan J, Merceron G, Bibi F, Negash E, **Barr WA**, Boisserie JR. Feeding ecology of Tragelaphini (Bovidae) from the Shungura Formation, Omo Valley, Ethiopia: contribution of dental wear analyses. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 496:103-120. doi:10.1016/j.palaeo.2018.01.027

2017

9. **Barr WA**. Signal or noise? A null model method for testing hypotheses about pulsed faunal turnover. *Paleobiology*. 43:656-666. doi:10.1017/pab.2017.21
8. **Barr WA**. Bovid locomotor functional trait distributions reflect land cover and annual precipitation in sub-Saharan Africa. *Evolutionary Ecology Research*. 18:253-269.

2015

7. **Barr WA**. Paleoenvironments of the Shungura Formation (Plio-Pleistocene: Ethiopia) based on ecomorphology of the bovid astragalus. *Journal of Human Evolution*. 88:97-107. doi:10.1016/j.jhevol.2015.05.002
6. Reed D, **Barr WA**, McPherron S, Bobe R, Geraads D, Wynn J, Alemseged Z. Digital Data Collection in Paleoanthropology. *Evolutionary Anthropology*. 24:238-249. doi:10.1002/evan.21466
5. Thompson JC, McPherron S, Bobe R, Reed DN, **Barr WA**, Wynn J, Marean CW, Geraads D, Alemseged Z. Taphonomy of fossils from the hominin-bearing deposits at Dikika, Ethiopia. *Journal of Human Evolution*. 86:112-135. doi:10.1016/j.jhevol.2015.06.013

2014

4. **Barr WA**. Functional Morphology of the Bovid Astragalus In Relation To Habitat: Controlling Phylogenetic Signal In Ecomorphology. *Journal of Morphology*. 275:1201-1216. doi:10.1002/jmor.20279
3. **Barr WA** and Scott RS. Phylogenetic comparative methods complement discriminant function analysis in ecomorphology. *American Journal of Physical Anthropology*. 153:663-674. doi:10.1002/ajpa.22462
2. Scott RS and **Barr WA**. Ecomorphology and phylogenetic risk: implications for habitat reconstruction using fossil bovids. *Journal of Human Evolution*. 73:47-57. doi:10.1016/j.jhevol.2014.02.023

2010

1. Reed DN, and **Barr WA**. A preliminary account of the rodents from Pleistocene levels at Grotte des Contrebandiers (Smuggler's Cave), Morocco. *Historical Biology*. 22:286-294. doi:10.1080/08912960903562192

Peer-Reviewed Book Chapters

2022

3. Bobe R, Geraads D, Wynn JG, Reed D, **Barr WA**, Alemseged Z. *Fossil Vertebrates and Paleoenvironments of the Pliocene Hadar Formation at Dikika, Ethiopia*. In: Bobe R, Reynolds S (eds.) *African Paleoecology and Human Evolution*. 229-241. Cambridge University Press, Cambridge. doi:10.1017/9781139696470.019

2018

2. **Barr WA**. *Ecomorphology*. In: Croft DA, Simpson SW, and Su DF (eds.), *Methods in Paleoecology: Reconstructing Cenozoic Terrestrial Environments and Ecological Communities*. 339-349. Springer (Vertebrate Paleobiology and Paleoanthropology Series), Cham, Switzerland. doi:10.1007/978-3-319-94265-0

1. Reed, DN, **Barr WA**, Kappelman J. *PaleoCore: an open-source platform for geospatial data integration in paleoanthropology*. In: Anemone R, Conroy G (eds.), *New Geospatial Approaches in Anthropology*. University of New Mexico Press. Albuquerque, NM.

Courses Taught

Introduction to Biological Anthropology. ANTH 1001. Undergraduate survey (enrollment=272) of biological anthropology. The George Washington University, Anthropology. Taught Fall 2016, Spring 2017, Spring 2018, Spring 2021, Spring 2023.

Analytical Methods in Evolutionary Anthropology. ANTH 6413. I designed this graduate course course covering applied statistical methods (e.g, regression, ANOVA and related techniques, categorical data analysis, resampling approaches) and the R statistical programming language. Requirement for HOMPAL PhD and MS degrees. The George Washington University, Anthropology. Taught Spring 2015, Fall 2016, Fall 2018, Fall 2020, Fall 2021, Fall 2022, Fall 2023.

Hominid Paleobiology. HOMP 6201. Graduate level survey of the human fossil record, with an emphasis on how we know what we think we know about human evolution. Requirement for HOMPAL PhD and MS degrees. The George Washington University. Taught Fall 2019, Fall 2021.

Climate Change and Human Evolution. ANTH 3491. I designed this upper level undergraduate course covering changes in global climate through evolutionary time and the impacts on evolution, with an emphasis on humans. The George Washington University, Anthropology. Taught Spring 2016, Spring 2017, Fall 2022.

Hominin Evolution. ANTH 3412 - advanced undergraduate course on the human fossil record. The George Washington University, Anthropology. Taught Spring 2021, Spring 2023.

Laboratory Techniques. HOMP 6202. Survey of laboratory techniques in evolutionary anthropology. Requirement for HOMPAL PhD and MS degrees. The George Washington University. Taught Fall 2019, Fall 2020.

Ethics and Professional Practice in Evolutionary Anthropology. HOMP 6203. Survey of ethical considerations and professional development topics in evolutionary anthropology. Requirement for HOMPAL PhD and MS degrees. The George Washington University. Taught Fall 2023.

Public Understanding of Science. HOMP 8302. Graduate course in which students complete semester-long public service internships. Student projects target underserved Washington, DC-area public schools and general audiences at public museums with a goal of increasing scientific literacy and creating interest in scientific careers. The George Washington University, Anthropology. Taught Spring 2016.

Honors and Awards - Excluding Student Prizes

2019	Science Achievement Award - Smithsonian National Museum of Natural History - in recognition of outstanding research contributions for Tóth et al., 2019.
2018	American Association of Physical Anthropologists - Professional Development Award. $7,500
2015	Travel Grant - Paleoanthropology Society. $500.

Fieldwork

2018 - Present	Tumbili Paleoanthropology Project, Laikipia County, Kenya (Late Miocene). I am the director of this new collaborative project in a unique geographical context outside the Great Rift Valley. To date we have discovered a moderately rich fossil fauna, and excavations are planned to expand the faunal sample from this poorly represented time period.
2014 - Present	Mille-Logya Research Project, Afar Region, Ethiopia (Plio-Pleistocene). I conduct field research to recover new fossils and to understand the environmental and ecological context of human evolution in this region.
2016	Koobi-Fora Field School, East Turkana, Kenya. I collected fossil data relating to subregional faunal variability in the Koobi Fora Formation from 2.0 - 1.4 Ma. I supervised four undergraduate student research projects that were organized around this topic.
2013 - 2014	Great Divide Basin Project, Wyoming. Collected primate and mammalian fossils from Eocene sediments, and prospected for new localities.
2010, 2012	Dikika Research Project, Afar Region, Ethiopia. Surface collection of Plio- Pleistocene hominin and mammalian fossils. Managed GIS data collection with hand-held computers and high-precision GPS base station.
2007, 2008, 2010	Dalquest Research Site, Big Bend Region, Texas. Surface collected primate and mammalian fossils in the Devil's Graveyard Formation. (Eocene: Late Uintan).
2009	Contrebandiers Cave, Temara, Morocco. Excavated site preserving Middle Stone Age archaeology (Aterian) and hominin remains. Performed systematic analysis of rodent fauna.

Synergistic Activities

Summer 2021	Participant. GW Instructional Core Course Design Institute. Five-day bootcamp during which I learned to implement best-practices of course design centered on authentic assessment, active learning, and consideration of student motivation.
2015 - Present	External Member. Evolution of Terrestrial Ecosystems Working Group. National Museum of Natural History.
2012 - Present	Research Associate and Software Developer. PaleoCore Project. I am a key member of this NSF funded project, which aims to create a data-standard for biological anthropology. I contributed heavily to the development of PaleoCore informatics tools for data sharing.

Scholarly Presentations

Invited Talks, Symposia, Workshops

2023

8. Invited speaker. *Hominin paleoenvironments, herbivore ecomorphology, and spatial bias in the African fossil record.* The University of Chicago. Evolutionary Morphology Seminar Series.
7. Invited speaker. *Thinking outside the rift: some attempts to quantify the effect of spatial bias in the eastern African human fossil record*. Smithsonian National Museum of Natural History. Human Origins seminar series.

2019

6. Invited speaker. *The Environmental Context of Hominin Evolution: Fieldwork, Fossils, and Functional Morphology*. Howard University, Washington, DC.
5. Invited speaker. *The Environmental Context of Hominin Evolution: Fieldwork, Fossils, and Functional Morphology*. Colorado State University, Ft. Collins, Colorado.

2018

4. Invited speaker at symposium: *Advances in Paleoecology*. 2nd Lembersky Conference in Human Evolutionary Studies. Rutgers University. November 14 - 16.

2017

3. Invited speaker. *Data Analysis, Visualization, and Comparative Methods in R*. February 16-17. University of North Carolina - Greensboro.

2015

2. Invited speaker at symposium: *Latest methods in reconstructing Cenozoic terrestrial environments and ecological communities*. September 10 - 12. Cleveland Museum of Natural History.

2014

1. Invited speaker at symposium: *The Role of Mosaic Habitats in Hominin Evolution*. Annual Meeting of the American Association of Physical Anthropologists. Calgary, Alberta.

Published Abstracts from Conference Presentations

*indicates undergraduate under my supervision

2023

25. **Barr WA**, Wood BA. Thinking outside the rift: Exploring the limitations of hominin habitat reconstructions based on spatially restricted species occurrences. European Society of Human Evolution. Aarhus, Denmark.
24. **Barr WA**. Blinded by the rift? Exploring the limitations of hominin habitat reconstructions based on spatially restricted species occurrences. American Association of Biological Anthropologists. Reno, Nevada.

2022

23. Negash EW, **Barr WA**. Landscape Level Vegetation Study in Modern African Ecosystems: Implications for Hominin Environments. Paleoanthropology Society. Denver, Colorado.

22. Robinson, JR, Rowan J, **Barr WA**, Sponheimer M. Linking mammalian herbivore diets and (paleo)environments: implications for hominin paleoecology. American Association of Biological Anthropologists. Denver, Colorado.

2020

21. **Barr WA**, Geraads D, Reed D, Bobe R, Wynn JG, Alemseged Z. Faunal turnover at Mille-Logya (Plio-Pleistocene, Ethiopia) reflects in situ environmental change: implications for the origins of *Homo*. American Association of Physical Anthropologists. In-person meeting cancelled due to COVID-19.

2019

20. Alemseged Z, Wynn JG, Geraads D, Reed D, **Barr WA**, Bobe R, McPherron S. New hominin remains from Mille-Logya, Afar, Ethiopia and their implication for the origin of *Homo*. Paleoanthropology Society.

2018

19. Hammond AS, Hunter LE Thompson B, Corniner E, Biernat M, **Barr WA**, Braun DR. Morphology and context of a new early *Homo* mandible from Koobi Fora, Kenya.

18. **Barr WA**, Biernat M. Quantifying African habitat heterogeneity and mammalian functional diversity with implications for understanding hominin habitats. American Association of Physical Anthropology.

2017

17. **Barr WA**. Bovid locomotor traits track land cover and mean annual precipitation: using an ecometric approach to reconstruct paleoenvironments in the Shungura Formation (Plio-Pleistocene, Ethiopia). American Association of Physical Anthropology.

16. Llera C*, Benitez L*, Biernat M*, Braun DR, Hammond AS, Patterson DB, and **Barr WA**. Subregion-scale heterogeneity in bovid abundance in the Koobi Fora Formation (Pleistocene, Northern Kenya). American Association of Physical Anthropology.

15. Thompson B, Arenson J, Biernat M*, **Barr WA**, Reeves J, Braun DR and Hammond AS. A preliminary study of primate abundance in East Turkana collection areas relative to outcrop size. American Association of Physical Anthropology.

14. Enny A*, Biernat M*, Braun DR, Reda W*, Hammond AS, Patterson DB and **Barr WA**. Exploring the impact of collection strategies on interpretations of faunal abundance: a case study from the Koobi Fora Formation (Pleistocene, northern Kenya). American Association of Physical Anthropology.

13. Benitez L*, Llera* C, Biernat M*, Braun DR, Hammond AS, Patterson DB, **Barr WA**. The Implications of Faunal Abundance for Pleistocene Paleoenvironments in the Turkana Basin, Northern Kenya. Paleoanthropology Society.

2016

12. **Barr WA**. Signal or noise? Testing hypotheses about faunal turnover. Paleoanthropology Society.

2015

11. **Barr WA** and Dunn RH. A method for analyzing complex joint surfaces in ecomorphology using slope rasters derived from Digital Elevation Models. American Association of Physical Anthropology. Thompson JC, McPherron SP, Bobe R, **Barr WA**, Reed D, Wynn J, Marean CW, and Alemseged Z. Taphonomy of fossils from the hominin-bearing deposits at Dikika, Ethiopia. Paleoanthropology Society.

2014

10. **Barr WA**. Paleoenvironments of the Hadar and Shungura Formations: Synthesizing multiple lines of evidence using bovid ecomorphology. American Association of Physical Anthropology.
9. Kemp A and **Barr WA**. Rates of homoplasy in the mammalian skeleton. American Association of Physical Anthropology.

2013

8. **Barr WA**. Ecomorphology of the bovid astragalus: body size, function, phylogeny and paleoenvironmental reconstruction. *American Journal of Physical Anthropology*. 150:74.

2012

7. **Barr WA**. Ecomorphology in a phylogenetic statistical context: a case study using the bovid femur. *American Journal of Physical Anthropology*. 147:90-91.
6. Scott RS and **Barr WA**. Ecomorphology and phylogeny among the Bovidae: implications for habitat reconstruction. *American Journal of Physical Anthropology*.
5. Kappelman JK, Keane P, Reed D, Tenbarge J, Witzel A, **Barr WA**, Nachman BA, Russo GA. eFossils.org: a collaborative website and community database for the study of human evolution. *American Journal of Physical Anthropology*.

2011

4. Reed DN, McPherron S, **Barr WA**, Alemseged Z, Bobe R, Geraads D, and Wynn J. A new GPS data collection methodology and data schema for integrating multiple project databases: examples from the Dikika Research Project geodatabase. *American Journal of Physical Anthropology*. 144:249-250.

2009

3. **Barr WA**, Reed DN. Coping with taxonomic ambiguity and inter-observer variation in paleontological and paleoanthropological analyses. *American Journal of Physical Anthropology*. 144:249-250.
2. Toborowsky CJ, **Barr WA**, Lewis, RJ. Does environmental unpredictability drive lemur life histories? *American Journal of Physical Anthropology*.
1. **Barr WA**. The effects of allometric scaling patterns on the template method for estimating dimorphism. *American Journal of Physical Anthropology*.

Advising

Postdoctoral Researchers

2019-2022 Enquye Negash (The George Washington University)

PhD students, primary advisor

In progress	Kathyrn Fish (The George Washington University)
In progress	Nick Rosas (The George Washington University)

PhD students, committee member

In progress	Kristen Tuosto (The George Washington University)
In progress	Alexis Williams (The George Washington University)
In progress	Rachel Nelson (The George Washington University)
In progress	Maryse Biernat (Arizona State University)
2023	Victoria Lockwood (The George Washington University)
2023	Ryan McRae (The George Washington University)
2022	Kim Foecke (The George Washington University)
2019	Eve Boyle (The George Washington University)
2018	Laurence Dumouchel (The George Washington University)
2018	Vance Powell (The George Washington University)
2017	Chrisandra Kufeldt (The George Washington University)
2016	David Patterson (The George Washington University)

Masters Students - Primary or Co-Advisor

In progress	Noelle Purcell (The George Washington University)
In progress	Caitlyn Broderick (The George Washington University)
In progress	Elissa Hurley (The George Washington University)
2023	Alyssa McGrath (The George Washington University)
2021	Annelise Beer (The George Washington University)
2021	Monica Cheung (The George Washington University)
2020	Nicholas Burns (The George Washington University)

Undergraduate Research Associates

2022 - present	Sloan Fridrich (The George Washington University)
2022 - present	Emily LaBrasciano (The George Washington University)
2022 - present	Sophie Muir (The George Washington University)
2022 - present	Olivia Poole (The George Washington University)
2019 - 2020	Rowan Sherwood (The George Washington University)
2018 - 2019	Jane Meiter (The George Washington University)
2018 - 2019	Paulette Ma (The George Washington University)
2016 - 2017	Maryse Biernat (Stockton University)
2016 - 2017	Elliot Greiner (The George Washington University)

Koobi Fora Field School Students

2018	Suzy Strubel (University of Minnesota)
2018	Joshua Porter (The George Washington University)
2018	James Frazier (Bryn Mawr)
2018	Annalys Hanson (Emory University)
2016	Lorena Benitez (Harvard University)
2016	Alyssa Enny (Stockton University)
2016	Catherine Llera (University of Florida)
2016	Weldeyared Reda (Aksum University, Ethiopia)

Departmental and Professional Service

2023	American Association of Biological Anthropologists - Professional Development Committee.
2020 - present	Director of Events - Center for the Advanced Study of Human Paleobiology.
2020	CASHP Comprehensive Examination Committee - Member.
2019 - 2020	GWU Anthropology Library representative - Served as liason to GWU libraries on all aspects of library services on behalf of the Anthropology department.
2017 - 2019	Webmaster, Center for the Advanced Study of Human Paleobiology. I maintained the website and mailing list for our research center.
2014 - 2015	Coordinator, CASHP Journal Club - Coordinated speakers and organize the academic program for this departmental seminar in the Center for the Advanced Study of Human Paleobiology at The George Washington University.
2013 - present	Academic Phylogeny of Biological Anthropology - In collaboration with Liza Shapiro and Brett Nachman, I created this website as a public resource that tracks academic lineages of Biological Anthropology PhDs. The site has had over 2200 user submissions.

Public Outreach and Science Communication

May 16, 2018	*The Scientist is In*. National Museum of Natural History. I interacted directly with over a hundred visitors to the National Museum of National History's Hall of Human Origins and answered their questions about human evolution.
March 30, 2017	*Survivors: What Fossils Tell Us About the Past and Future*. I answered questions for the general public at the National Museum of National History as part of the 30th anniversary celebration of the Evolution of Terrestrial Ecosystems program, of which I am a member.
2016 - Present	Faces of Fieldwork - I created Faces of Fieldwork because I believe people engage more with science when they understand who we are and what we do. This twitter handle features photographic posts highlighting the good, the bad, and the ugly of real people doing real field research.

Media Coverage

2022	Barr et al. paper on human carnivory covered by over 60 news outlets including Wired, BBC, The Independent, NBC News, Science Magazine and Popular Science. The Smithsonian's flagship science podcast Sidedoor dedicated an entire episode to this paper and Smithsonian Magazine ranked this paper as one of the top discoveries about human evolution in the year 2022. altmetrics link
2019	Tóth et al. paper on extinction impacts covered by 11 news outlets, including Smithsonian.com. altmetrics link
2017	Online coverage of *Signal or noise? A null model method for testing hypotheses about pulsed faunal turnover* in Science Daily, phys.org, GW Today and others.
2017	Feature on theguardian.com highlighting several contributors to Faces of Fieldwork.
2015	*GWU aims to be among top research schools.* Washington Post.

Manuscript Reviews

Science

Proceedings of the National Academy of Sciences

Journal of Human Evolution

Nature Ecology & Evolution

Journal of Vertebrate Paleontology

Methods in Ecology and Evolution

Palaeogeography, Palaeoclimatology, Palaeoecology

PLoS One

Quaternary Research

Comptes Rendus Palevol

International Journal of Primatology

Manning Publications (book proposal review)

Grant Reviews

The Leakey Foundation

Deutsche Forschungsgemeinschaft (DFG) - German Research Foundation

Professional Memberships

American Association of Biological Anthropologists

Paleoanthropology Society

European Society for the Study of Human Evolution