

Curriculum Vitae
MONYA ANDERSON

Department of Anthropology, Texas A&M University; 316E Anthropology Bldg., 4352 TAMU,
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EDUCATION

- 2019 **Ph.D., Biological Anthropology**, University of Oregon, Eugene, OR
Dissertation Title: *Functional Morphology and Niche Separation Among Plio-Pleistocene Colobines of East Africa*; Advisor: Dr. Stephen Frost
- 2012 **M.S., Biological Anthropology**, University of Oregon, Eugene OR
- 2010 **B.A. Anthropology**, Purdue University, West Lafayette, IN

RESEARCH INTERESTS

Paleoecology, Paleoanthropology, Comparative Anatomy, Paleoprimatology, 3D Geometric Morphometrics, Functional Morphology, Musculoskeletal Biomechanics

PROFESSIONAL APPOINTMENTS

- 2023–present **Instructional Assistant Professor**, Texas A&M University, Department of Anthropology
- 2019–2023 **Lecturer**, Texas A&M University, Department of Anthropology
- 2019 **Pro Tempore Instructor, University of Oregon**, Department of Anthropology
- 2010–2019 **Graduate Employee, University of Oregon**, Department of Anthropology

AWARDS

- 2024 **Departmental Nominee**, College of Arts & Sciences Early Career Teaching Award
- 2023 **Departmental Nominee**, Provost Academic Professional Track Faculty Teaching Excellence Award

DEPARTMENTAL SERVICE

Departmental Committees

- 2024-present Graduate Committee
- 2023-present ANTH Curriculum (Re)Design Committee

Search Committees

- 2023-present Biological Anthropology Search Committee
- 2023-present Archaeogenomics Search Committee

UNIVERSITY SERVICE

- 2024 **Undergraduate Research Scholars Symposium**, Active-Listener

GRADUATE STUDENT MENTORING

Doctoral Committee Member

2023-present Emmaleigh Grady (ANTH)

Center for Teaching Excellence Academy for Future Faculty Mentor

2022-present Emmaleigh Grady (ANTH)

UNDERGRADUATE STUDENT MENTORING

Undergraduate Research Scholars Thesis Advisor

2023-present Kathy Truong (FIVS)

Project: *Forensic Skeletal Markers of Gender-Affirming Medical Procedures in the Identification of Nonbinary and Transgender Individuals*

Honors Course Contracts

Spring 2023 Kiara Frey (ANTH), Anthropological Writing

Fall 2022 Kiara Frey and Mary Read (ANTH), Fossil Evidence for Human Evolution

Fall 2022 Olivia O'Rourke (ANTH), Anthropological Writing

Fall 2021 Mary Read, Anthropological Writing

Spring 2021 Paige Musgrave (ANTH), Anthropological Writing

Spring 2020 Jordan Franklin-Garza (ANTH), Intro to Biological Anthropology

COURSES TAUGHT

Texas A&M University

ANTH 201: Intro to Anthropology

ANTH 205: Peoples & Cultures of the World

ANTH 225: Intro to Biological Anthropology

ANTH 312: Fossil Evidence for Human Evolution

ANTH 415: Anthropological Writing

ANTH 425: Human Osteology

ANTH 601: Biological Anthropology

University of Oregon

ANTH 173: Evolution of Human Sexuality

ANTH 220: Intro to Nutritional Anthropology

ANTH 362: Human Biological Variation

PROFESSIONAL DEVELOPMENT

2023-present **Faculty Teaching Peer Reviewer**, Department of Anthropology

2023-present **Faculty Teaching Peer Reviewee**, Department of Anthropology

May 2023 **Generating Professional Success on the Academic Professional Track**, Faculty Affairs

2022 **Applying for Teaching Faculty Jobs Workshop**, Department of Anthropology

GRANTS, FELLOWSHIPS, & AWARDS

2022/3 **Faculty Research Travel Award** (\$1,400)

Texas A&M University, Department of Anthropology

2017 **Doctoral Dissertation Research Improvement Grant** (No. 1650923)

National Science Foundation (\$16,582)

Project Title: *Niche Partitioning and Sympatry in the Fossil Colobines*

2012 **Wenner-Gren Fieldwork Grant** (\$15,000)

Title: *Biochronology of African Plio-Pleistocene hominin sites using Cercopithecidae*;

PIs: Frost, S.F., Gilbert, C.C.; Affiliated Students: Anderson, M., Pugh, K.

RESEARCH EXPERIENCE & AFFILIATIONS

2021-present Phalangeal Biomechanics & Locomotor Function; PI: Dr. Thomas C.

Prang; Collaborators: Dr. Mark Grabowski and Dr. Scott Williams

2019-present NME Collections for Shungura, Omo Valley, Ethiopia Functional

Morphology of the Shungura Cercopithecidae; Collaborator: Zeresenay

Alemseged PhD

2012-present Title: *Biochronology of African Plio-Pleistocene hominin sites using*

Cercopithecidae; PIs: Stephen Frost PhD, Christopher Gilbert PhD

2015-present Woranso-Mille and Middle Awash, Ethiopia Cercopithecidae PI: Yohannes

Haile-Selassie PhD; Collaborators: Stephen Frost PhD, Hailay Reda ABD

2013 Gona Palaeoanthropological Research Project, Gona, Afar Region, Ethiopia; PI:

Sileshi Semaw PhD

PUBLICATIONS

Peer-Reviewed

Prep Frost SF, **Anderson M**, Reda, H, Simons EA. Fossil Cercopithecidae from the Matabaietu, Bouri, and Burka Formations, Middle Awash Valley, Afar State, Ethiopia.

Prep **Anderson M**. Functional Morphology and Taxonomic Status of the Large-Bodied Colobine Fossil L895-1 from Upper Member G, Shungura Formation, Ethiopia.

2022 Arenson JL, Simons E, **Anderson M**, Eller A, White FJ, Frost SR. Geographic variation in cranial form of wild *fascicularis*-group macaques and comparison to two translocated captive populations (Primates, Cercopithecidae). *Am J Bio Anthropol.* 1- 20.

2021 **Anderson M**. An assessment of the postcranial skeleton of the *Paracolobus mutiwa* (Primates: Colobinae) specimen KNM-WT 16827 from Lomekwi, West Turkana, Kenya. *J Hum Evol* 156: 103012.

2018 Gilbert CC, Pugh K, **Anderson M**, Frost SR, Delson E. Evolution of the modern baboon (*Papio hamadryas*): A reassessment of the African Plio-Pleistocene record. *J Hum Evol* 122: 3869.

Published Abstracts

- 2023 **Anderson, M**, Grady, E, Franklin-Garza, J. Calcaneal Functional Morphology of Large-Bodied Fossil Colobines. *Am J Bio Anthropol*
- 2022 **Anderson M.**, Prang T.C. Ankle Joint Functional Morphology in the *Paracolobus mutiwa* Specimen KNM-WT 16827. *Am J Bio Anthropol* 177(S73): 4.
- 2021 **Anderson M.** Functional Morphology of the Large-Bodied Colobines from the Turkana Basin during the Plio-Pleistocene. *Am J Bio Anthropol.* 174(S71): 3-4.
- 2020 **Anderson, M.** An analysis of the postcranial skeleton of the large-bodied colobine specimen L895-1 from Shungura, Omo Valley, Ethiopia. *Am J Bio Anthropol.* 171(S69): 8.
- 2020 Harcourt-Smith WH, **Anderson M**, Fernandez A, Ting N, Frost, S, Delson E. The postcranial morphology and inferred locomotor behavior of the early Pleistocene Eurasian cercopithecine *Paradolichopithecus arevenensis*. *Am J Bio Anthropol.* 171(S69): 113.
- 2019 **Anderson M.** The taxonomic status of the large-bodied colobine specimen KNM-WT 16827. *Am J Bio Anthropol.* 168: 7.
- 2018 **Anderson, M.** 2018. Assessment of an associated partial skeleton of *Paracolobus mutiwa* (Leakey, 1982) KNM-WT 16827 from West Turkana, Kenya. *Am J Bio Anthropol.* 165: 1011.
- 2017 **Anderson M**, Frost SR, Guthrie E. Niche Separation of Large-Bodied Cercopithecidae at Koobi Fora, Upper Burgi Member. *Am J Bio Anthropol.* 162: 100101.
- 2017 Reda H, Frost SR., Simons E, **Anderson M**, Haile-Selassie Y. Preliminary Study of the Cercopithecidae from Leado Dido'a Locality, Woranso-Mille (central Afar), Ethiopia. *Am J Bio Anthropol.* 162: 328-329.
- 2016 **Anderson M**, Frost SR. Pedal Functional Morphology of *Paracolobus chemeroni*. *Am J Bio Anthropol.* 159(S62):80.
- 2016 Arenson JL, **Anderson M**, White FJ, and Frost SR. Morphological assessment of a putative hybrid species, *Trachypithecus pileatus*, based on a 3D geometric morphometric analysis of cranial morphology. *Am J Bio Anthropol.* 159(S62): 82.
- 2015 **Anderson M**, Frost SR, Gilbert CC, Delson E. Cranial shape and intrageneric diversity in the genus *Cercopithecoides*. *Am J Bio Anthropol.* 156(S60): 69.
- 2015 Arenson JL, **Anderson M**, Eller A, Simons E, White FJ, Frost SR. Bergmann's Rule in Skull Size and Clinal Variation in Skull Shape of Wild vs. Captive *Fascicularis* Group Macaques. *Am J Primatol.* 77: 53.
- 2015 Clarke KS, **Anderson M**, Eller AR, Simons E, White FJ, Frost SR. Morphological signals of stress and socioendocrinology: Comparing measures of cranial fluctuating asymmetry and second to fourth digit ratio in cercopithecids. *Am J Bio Anthropol.* 156: 106.
- 2014 **Anderson M**, Frost SR, Gilbert CC, Delson E. A reassessment of dental variation in the genus *Cercopithecoides* and its implications for species diversity. *Am J Bio Anthropol.* 153: 67.
- 2013 **Anderson M**, Frost SR, Gilbert CC, Delson E. (2013). Morphological diversity and species recognition in South African *Cercopithecoides williamsi*. *Am J Bio Anthropol.* 150: 68.

CONFERENCE PODIUM TALKS

- 2019 **Anderson, M.** Functional Morphology of the Large-Bodied Colobines from the Turkana Basin during the Plio-Pleistocene, Texas Association of Biological Anthropologists Annual Meeting, Baylor University, Waco, TX
- 2019 **Anderson, M.** Assessment of an associated partial skeleton of *Paracolobus mutiwa* (Leakey, 1982) KNM-WT 16827 from West Turkana, Kenya. *Podium Session: Evolutionary Anatomy, Functional Morphology, and Adaptation*, American Association of Biological Anthropologists 88th Annual Meeting, Cleveland, OH
- 2015 **Anderson, M.,** Frost, SR. A Reassessment of the Phylogeography of the Sulawesi Macaques Based on 3D Geometric Morphometrics. American Society of Primatologists 38th Annual Meeting, Bend, OR
- 2014 **Anderson M,** Frost S, Gilbert C, Delson, E. A reassessment of dental variation in the genus *Cercopithecoides* and its implications for species diversity. *Invited Symposium: Monkey Business: Recent Developments on the Evolution of Old-World Monkeys*, American Association of Biological Anthropologists 83rd Annual Meeting, Calgary, Alberta, Canada

INVITED TALKS & GUEST LECTURES

- 2023 **Guest Lecture**, Texas A&M University, Graduate Proseminar; Title: *Adventures in Paleoprimatology!*
- 2021 **Invited Speaker**, U. of North TX, Anatomy Research Seminar Series; Title: *Functional Morphology of Large-Bodied Fossil Cercopithecidae in the Plio-Pleistocene*
- 2021 **Invited Speaker**, U. of Nevada-Reno Colloquium Series; Title: *Functional Morphology of the Large-Bodied Colobines from the Turkana Basin during the Plio-Pleistocene*
- 2021 **Guest Lecture**, Santa Rosa Junior College, Intro to Biological Anthropology; Title: *Adventures in Paleoprimatology!*
- 2020 **Podcast Guest**, [Voyages Podcast Episode 4: Society of Vertebrate Paleontology 2020 – A Voyages Smörgåsbord](#)
- 2016 **Invited Panel Speaker**, Smithsonian Institute's Human Origins, Cottage Grove, OR. Title: *Exploring Human Origins: What Does It Mean to Be Human?*

PROFESSIONAL SERVICE & OUTREACH

- 2022 **Contributed Talks Session Chair**, *Paleoanthropology: Isotope Insights*, AABA 91st Meeting

- 2021 **Contributed Talks Session Chair**, *Paleoanthropology: Paleoecology I-Communities*, AABA 90th Meeting
- 2019 **Contributed Poster Session Chair**, AABA 88th Annual Meeting, Cleveland, OH
- 2018 **Contributed Poster Session Chair**, *Primate Evolution and Anatomy*, AABA 87th Annual Meeting, Austin, TX
- 2012 **Local Arrangements Committee**, AABA 81st Meeting, Portland, OR

PEER REVIEWING

Journals

American Journal of Biological Anthropology
Journal of Human Evolution
PCI Paleontology

Grant Proposals

National Science Foundation, Call NSF 14-579

EDUCATIONAL & COMMUNITY OUTREACH

Feb. 2022 **Proctor**, Texas A&M Regional Middle School Science Bowl

Mar. 2022 **Proctor**, Texas A&M Regional High School Science Bowl

COLLECTIONS VISITED

2017/18 Museum of Comparative Zoology, Harvard University, Cambridge, MA
 2017 Vertebrate Zoology, Natural History Museum London, London, UK
 2017 Comparative Anatomy, Muséum national d'Histoire naturelle, Paris, France
 2017 Mammal Fossils, Galerie de Paléontologie et d'Anatomie comparée, Paris, France
 2017 Division of Mammals, Museum of Comparative Zoology, Zurich, Switzerland
 2017/16/13 National Museum of Ethiopia, Addis Ababa, Ethiopia
 2017 National Museum of Kenya, Nairobi, Kenya
 2016/12/11 National Museum of Natural History, Washington D.C.
 2012 Bernard Price Institute for Palaeontological Research, Johannesburg, South Africa
 2012 Ditsong National Museum of Natural History, Pretoria, South Africa
 2012 Mammal Collection, South African Museum, Cape Town, South Africa
 2011 Field Museum of Natural History, Chicago, IL

PROFESSIONAL MEMBERSHIPS

Texas Association of Biological Anthropologists
 American Association of Biological Anthropologists
 East African Association for Palaeoanthropology and Palaeontology