

Gabrielle M. Jones

Current affiliation:

*College of Arts and Sciences
Department of Anthropology
University of Oregon*

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Education:

2024 Began doctoral studies under Dr. Stephen Frost with a focus on Biological Anthropology, University of Oregon (Expected graduation Spring 2030).

2024 Master of Arts in Anthropology with a focus on Biological Anthropology and a secondary focus on Archaeology under Dr. Charles Musiba, University of Colorado Denver.

2020 Bachelor of Arts in Anthropology (minor in Religious Studies), University of Colorado Denver.

Research Interests:

Paleoanthropology, Geometric Morphometrics, Biomechanics, Human Osteology, Primatology, Comparative Anatomy, Taphonomy, Zooarchaeology.

Publications:

2024 Preliminary Geometric Morphometric Identification of Cercopithecoidea Teeth from Laetoli, northern Tanzania. Master's Thesis. University of Colorado Denver.

Awards:

2024. University of Colorado Denver, College of Liberal Arts and Sciences: Graduate Education Excellence in Graduate Teaching Award.

Conference Presentations:

2024. Gabrielle Jones, Dr. Andrew Deane, Dr. Charles Musiba. Preliminary Geometric Morphometric Identification of Cercopithecoidea Teeth from Laetoli, northern Tanzania. *American Association for Biological Anthropology*, Los Angeles, CA, March 2024.

2022. Gabrielle Jones, Debra Szuster, Dr. Caley Orr. Preliminary Morphometric Analyses of the Proximal Ulna in Apes and Humans with Application to Fossil Hominin Specimens. *Rocky Mountain Biological Anthropology Association (RMBAA) Conference*. Estes Park, CO.

2019. Gabrielle Jones, Debra Szuster, Dr. Caley Orr. Morphometric Analyses of the Elbow In Apes and Humans with Application to Fossil Human Ancestors. *Research and Creative Activities Symposium (RaCAS) University of Colorado Denver, Denver, CO*.

2018. Joseph M. Findeiss, Gabrielle Jones, Morgan Lark, Charles Musiba. Photogrammetric Comparison of Carnivore Tooth Pitting and Scoring on Bone Assemblages. *Research and Creative Activities Symposium (RaCAS) University of Colorado Denver, Denver, CO*.

Teaching Experience:

University of Oregon

- Introduction to Forensic Anthropology (Fall 2024, F2F)

University of Colorado Denver

- Lead Teaching Assistant Position (Fall 2023-Spring 2024, F2F)
- Special Topics: Geometric Morphometrics (Spring 2024, F2F)
- Human Osteology (Fall 2023, F2F)
- Introduction to Biological Anthropology (Fall 2022, Spring 2023, Summer 2024, F2F)

Research experience:

Fall 2022 - Spring 2024. Thesis research involving scanning fossil Cercopithecoid specimens and creating a Geometric Morphometric protocol once again using 3D technology to assess shape differences in cusp morphology in extinct and extant East African Cercopithecoids to identify taxa of fossil specimens from Laetoli, Tanzania.

Spring 2019. Research internship comparative morphology laboratory at the Modern Human Anatomy program, CU Anschutz (Spring 2019 Semester): began taking and analyzing basic measurements from a sample of humans, chimpanzees, and gorillas that formed the basis of the proposed fellowship project.

Summer 2019. Received a stipend to continue research at the morphology laboratory at the Modern Human Anatomy Program (Summer Break 2019): created a Geometric Morphometric protocol using 3D technology to assess shape differences in proximal ulna morphology among large-bodied hominoid species and early hominin fossils using surface area measurements and 3D geometric morphometrics.

Fall 2018. Volunteer research internship in Dr. Caley Orr's comparative morphology laboratory at the Modern Human Anatomy program (for-credits), University of Colorado Anschutz Medical Campus (Fall 2018 Semester): began learning how to generate, clean, and take measurements on 3D digital models of bones and fossils.

Field Experience:

2023 Participated in the month-long *Renewed search on Pliocene hominin footprints at Laetoli, in northern Tanzania* project. Conducted field survey, mapping, excavation, and photogrammetry work at Locality 7 (Site A) at Pliocene Laetoli paleoanthropological site in Ngorongoro District, Arusha, in northern Tanzania. Worked under the supervision and guidance of Dr. Charles Musiba (University of Colorado Denver), Dr. Andrew Deane (Indiana University School of Medicine), Dr. Isaac Onoka (University of Dodoma, Tanzania), Dr. David Mrisho (Saint Augustine University of Tanzania), and Dr. Lawrence Conyers (University of Denver). 250 hours total.

Related Skills:

Geometric Morphometrics, 3D Imaging, Field Survey, Footprint Excavation.

Languages:

English – Native

Swahili – Good

Japanese – Can read with dictionary

Professional Memberships:

2023-present: American Association of Biological Anthropology (AABA)

2022-2024: Rocky Mountain Biological Anthropology Association (RMBAA)