

Ian Barry

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EDUCATION

James Madison University
M.S., Biology

Projected graduation: May 2026

The University of Texas at Austin
B.A., Anthropology
College of Liberal Arts Honors
Anthropology Honors

Graduated May 2023
GPA: 3.99

RESEARCH EXPERIENCE

Independent Research

August 2022 — May 2023

- Design a project at UT Austin concerning a novel method of extracting physiological metrics through noncontact thermal videography
- Navigate funding applications and permission requirements to work with nonhuman animals
- Collect field data with semi-free ranging pigs at Central Texas Pig Rescue
- Process, organize, and present data in MatLab and R

Primate Ethology and Endocrinology Lab

May 2022 — May 2023

- Use prior lab experience to shape the analytical priorities of a new UT Austin lab
- Assist faculty advisors and graduate students with miscellaneous research tasks
- Present a poster showcasing a semantic review of primate social bonds at the Texas Association of Biological Anthropologists (TABA) annual symposium (November 2022)

Nonhuman Primate Locomotion Lab

March 2022 — June 2023

- Identify wild cercopithecoid walking strides on elevated substrates from videos
- Use MatLab photogrammetric applications to clip videos and code kinematic information
- Assist with the creation of an open-source database of primate gait kinematic information

PRESENTATIONS & PUBLICATIONS

Sandel, A. A., Stetson, N., **Barry, I.**, Rodelas Tokun Haga, D. A., Clark, I. R., Derby, R. N., Noromalala, E., Bueno, G. L., Rettke, S., Asianazu, B., van Boekholt, B., Van Kuijk, S. M., Kalunga, D., Kamugyisha, B., Kanweri, D., Zeosky, M., Clark, K., Clark, Y. (2022). A multilingual reflection on “friendship” in humans and other primates. Poster presentation at the Texas Association of Biological Anthropologists meeting. Austin, TX.

Schapker, N., Hottensmith, A., Janisch, J., Myers, L. C., Phelps, T., **Barry, I.**, Shapiro, L. J., & Young, J. W. (2023). Effects of height in the canopy on gait mechanics in wild lemurs. Poster presentation at the Annual Meeting of the American Association of Biological Anthropologists. Reno, NV.

Shapiro, L. J., Myers, L. C., Janisch, J., Schapker, N., **Barry, I.**, Phelps, T., Hieronymus, T., & Young, J. W. (2023). Gait kinematics in response to substrate diameter and orientation in wild cercopithecoids. Poster presentation at the Annual Meeting of the American Association of Biological Anthropologists. Reno, NV.

PROFESSIONAL EXPERIENCE

Centre de Recherche de Primatologie (CRP) Simenti, Senegal

August 2023 — May 2024

Field Assistant

- Identify over 100 wild Guinea baboons
- Collect daily demographic, geospatial, and behavioral data on baboon parties
- Collect and dry fecal samples for genetic analysis
- Help maintain cleanliness and functionality at a remote field site

Texas Maritime Museum

June 2022 — July 2022

Collections, Restoration, & Administration Intern

- Apply French reading skills to trace the location of a painting relevant to artifacts housed at the museum
- Curate new interactive exhibits for regional maritime history between 1500 and 1700
- Collaborate with archaeologists and historians to contextualize restored materials for a public audience
- Catalogue donated books for the museum's maritime history library
- Facilitate community outreach events including festivals, book signings, and exhibit debut galas

Hoccleve Archive

August 2021 — May 2023

Digital Archivist

- Digitize and organize microfilm reels of Middle English poetry
- Communicate the importance of the digital humanities to prospective undergraduate assistants
- Model microfilm scanning for new undergraduate researchers
- Navigate Python and GitHub to integrate scanned material into an accessible digital repository

The Williamson Museum

September 2019 — May 2021

Education Volunteer

- Hosted weekend family-friendly educational activities to teach children about regional history
- Catalogued and described incoming artifacts for the museum's collection
- Integrated regional history into temporary themed exhibits

HONORS & AWARDS

Teaching Assistantship, James Madison University

Tuition Scholarship, James Madison University

Jefferson Scholars, UT Austin: Selective track in philosophy with extracurricular cultural excursions.

Biodiversity Scholars, UT Austin: Academic enrichment program to support diversity in field biology.

SKILLS

Programming: Python | MatLab | R | PastPerfect

Lab experience: Hair cortisol extraction | Photogrammetry for gait kinematics | Plant population dispersal and tree size field measurements | Archival digitization and cataloguing | Scientific writing | Field data collection with nonhuman animals | Fecal sample collection and drying