Calli Quire

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EDUCATION

Ph.D. Anthropology
Biological Anthropology
University of Michigan
Advisor: Maureen J. Devlin — 2024–Present

M.A. Anthropology
University of Michigan
Advisor: Maureen J. Devlin — 2024–Present

B.Sc. Biology
Burnett Honors College
University of Central Florida — 2023

RESEARCH

Graduate Student Researcher
Devlin Skeletal Biology Laboratory, University of Michigan
Advisor: Maureen J. Devlin — 2025–Present

Student Research Institute Graduate Mentor
Harvard University Undergraduate OpenBio Laboratory — 2025

Science Communication Fellow
University of Michigan Museum of Natural History / National Science Foundation — 2025

Graduate Student Researcher
Lasisi Laboratory for Anthropological Genetics, University of Michigan
Advisor: Tina Lasisi — 2024

PUBLICATIONS & PRESENTATIONS

1. **Quire C**, Hermsmeyer IDK, Quillen E & Devlin MJ. (2027 March 31-April 3). Effects of parity on body composition in a captive colony of Papio anubis. [Oral presentation].

2. Hermsmeyer IDK, Mori H, Kayampilly P, de Paula Souza A, Sharma A, Maung JN, Hariri H, Dickson MJ, Chen Y, **Quire C**, Schill RL, Moe W, Uranga RM, Paulsson E, Simmermon RC, Peterson SK, Patterson AMS, Sherwood RM, Chen YH, David N, Devlin MJ, Pennathur S, and MacDougald OA (2027 March 31-April 3). Testing the buffer: Adipose tradeoffs under energy scarcity in adult and growing mice. [Oral presentation].

3. Hermsmeyer IDK, Mori H, Kayampilly P, de Paula Souza A, Sharma A, Maung JN, Hariri H, Dickson MJ, Chen Y, **Quire C**, Schill RL, Moe W, Uranga RM, Paulsson E, Simmermon RC, Peterson SK, Patterson AMS, Sherwood RM, Chen YH, David N, Devlin MJ, Pennathur S, and MacDougald OA (2026 Sep 10). Expansion of bone marrow adipose tissue with caloric restriction reflects increased storage of energy from multiple sources and reduced turnover. [Oral presentation].

4. Hermsmeyer IDK, Orczykowski M, Sharma A, **Quire C**, Patterson AMS, Sherwood RM, Orlikoff ER,

Cawthorn WP, Scheller EL, MacDougald O. (2026 Sep 10). Postmortem Distribution of Red Bone Marrow in Humans: A Quantitative and Multimodal Assessment. [Poster presentation].

5. **Quire C**, & Devlin MJ. (2025). Associations between age at first birth and bone mineral density in premenopausal, perimenopausal individuals. [Poster presentation]. *American Journal of Biological Anthropology, 186*(S79), 134. https://doi.org/10.1002/ajpa.70031

TEACHING

Graduate Student Instructor Mentor Department of Anthropology, University of Michigan	2026–2027
Graduate Student Teaching Assistant Division of Anatomical Sciences, University of Michigan Medical School	2026–2027
Graduate Student Instructor Department of Anthropology, University of Michigan	2025–Present

SELECTED AWARDS

Rackham Graduate Conference Interntational Travel Grant — $1,150	2026
Rackham Precandidate Doctoral Research Grant — $1,500	2026
Rackham Graduate Technology Grant — $1,400	2025
Rackham Graduate Conference Travel Grant — $900	2025
Rackham Graduate Fellowship — $39,000	2024
Excellence in Community Action Scholarship — $2,000	2022
Pegasus Gold Academic Merit Scholarship — $15,000	2019
Florida Academic Scholars Scholarship — $30,000	2019

SERVICE & PROFESSIONAL MEMBERSHIP

American Association for Anatomy	2026–Present
International Bone Marrow Adiposity Society	2026–Present
American Society of Primatologists	2025–Present
Society for the Study of Evolution	2025–Present
Collective Action Council, University of Michigan Graduate Student Representative	2024–2025
Michigan Anthropology Graduate Society Executive Board Member	2024–2025
American Association of Biological Anthropologists	2024–Present

Graduate Employees' Organization
Department Steward 2024–Present

MENTORSHIP

Alanna Lee, B.A./B.S. Anthropology, University of Michigan
Iqra Nadeem – Student Research Institute, Harvard Undergraduate OpenBio Laboratory, Harvard University
Elena Nestale, B.A./B.S. Anthropology – AUGMENT, Department of Anthropology, University of Michigan

REFERENCES

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Lecturer
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Department of Ecology & Evolutionary Biology
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