

Robin Singleton

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Department of Anthropology
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Education

University of Oklahoma (Currently enrolled, PhD Candidate), 4.0 GPA

- Anthropology Ph.D. program, with a focus on biology
- Research interests: paleogenomics and conservation anthropology

Hiram College (Graduated May 2015), 3.77 GPA

- B.A. program with dual majors in biology and history

Honors and Awards

- Graduated Magna Cum Laude from Hiram College
- Graduated with departmental honors in Biology and History from Hiram College
- Inducted into Phi Beta Kappa (May 2015)
- Inducted into Phi Alpha Theta (May 2015)
- Garfield Scholars member- political science honors organization at Hiram College
- Inducted into the Alpha Society (2012)- institutional honors group at Hiram College
- Inducted into the Turner Society (2015)- institutional honors group at Hiram College
- Was on the Dean's List (December 2011-May 2015) at Hiram College

Funding

- Awarded several Graduate Student Senate research grants totaling \$3600 (October 2018-November 2022)
- Awarded several Graduate Student Senate travel grants totaling \$960 (March 2021-March 2023)
- Awarded several graduate research grants from the M.E. & L.R. Opler Endowment totaling \$3200 (October 2019-October 2020)
- Awarded several graduate travel grants from the M.E. & L.R. Opler Endowment totaling \$875 (March 2020-March 2023)
- Awarded the George Miksch Sutton Scholarship for \$5800 (April 2020)
- Awarded the Exploration Fund Grant from the Explorer's Club for \$4000 (April 2022)
- Awarded the Dodge Family Research Fellowship for \$5390 (May 2022)
- Awarded the Robberson and Wethington Scholarship for \$5000 (January 2022)
- Awarded the Pollitzer Student Travel Awards for \$500 (February 2022)
- Awarded the Graduate Student Seed Funding grant for \$2500 (March 2023)
- Awarded the Dodge College of Arts and Sciences Dissertation Improvement Fellowship (May 2023)
- Awarded the Conservation Paleobiology Network Student Conference grant for \$1155 (July 2023)

Research Experience

Graduate Student Research: August 2019-Present, University of Oklahoma, Norman, OK

- Self-directed research to complete dissertation
- Dissertation chapters: paleogenomics of golden eagles from Teotihuacán, paleogenomics of felids from Teotihuacán, paleogenomics of California rockfish, recovery of DNA from ancient asphaltic remains

Graduate Research Assistant: May 2023-Present, University of Oklahoma, Norman, OK

- Worked on a genomics study of Pacific rockfish

Archaeological Field Assistant: January-March 2022, Plaza of the Columns Complex Project, Teotihuacán, Mexico

- Worked on active excavations in the ritual district of Teotihuacán and subsampled remains for aDNA and isotopic analyses

Graduate Research Assistant: August 2018-August 2019, University of Oklahoma, Norman, OK

- Worked on a genomics study of golden eagles sacrificed at Teotihuacán

Archaeological Field Assistant: May-June 2019, Sonora, Mexico

- Worked on several archaeological survey sites in the Sonoran Desert in northern Mexico

Volunteer Lab Assistant: August 2016-May 2018, James Madison's Montpelier, Montpelier Station, VA

- Volunteered in the Montpelier archaeology lab on weekends
- Sorted, cleaned, and catalogued artifacts recovered on the grounds

Lab/Research Technician: June 2016-June 2018, University of Virginia, Charlottesville, VA

- Performed genotyping, microdissections, cell culture, and general lab tasks
- Contributed to ongoing research into cellular regeneration in the inner ear

Archives Assistant: September 2014-January 2015, Hiram College, Hiram, OH

- Digitized primary documents relating to President Garfield

Teaching Experience

Graduate Teaching Assistant: August 2020-Present, University of Oklahoma, Norman, OK

- Taught as the instructor of record
- Graded papers, assignments, and exams for the class
- Assisted students with course materials
- Lectured for the entire course
- Courses taught: Plagues and People (Anthropology); Health, Medicine, and Society (History of Science)

Graduate Teaching Assistant: August 2019-May 2020, University of Oklahoma, Norman, OK

- Assisted the instructor of record as needed
- Graded papers, assignments, and exams for the class
- Assisted students with course materials
- Lectured at various points during the class
- Course taught: What makes us human? (Anthropology)

Writing Assistant: August 2018-May 2019, University of Oklahoma, Norman, OK

- Assisted students with various writing concept and issues
- Reviewed student papers from all majors and levels
- Lectured in classes to introduce students to the Writing Center

Academic Tutor: January 2013-May 2015, Hiram College, Hiram, OH

- Tutored history, biology, and chemistry to students from all majors, in both group and individual settings

Teaching/Writing Assistant: January 2013-May 2015, Hiram College, Hiram, OH

- Assisted students and reviewed student papers from all majors
- Taught writing concepts (grammar, plagiarism, structure, etc.) and facilitated group decisions in freshman classes

Near Peer Mentor: May 2014-August 2014, Hiram College and ISLS, Hiram, OH

- Co-taught and co-designed a three-week, multi-location water biology course for students from Pakistan and Cleveland

Summer Assistant: May 2013-August 2013, York County 4-H, York, PA

- Designed and ran educational programs for 4-H students of a variety of ages

Publications

2022 Nawa Sugiyama, Saburo Sugiyama, Clarissa Cagnato, Christine A.M. France, Atsushi Iriki, Karissa S. Hughes, **Robin R. Singleton**, Erin Thornton, Courtney A. Hofman. Earliest Evidence of Primate Captivity and Translocation Supports Gift Diplomacy Between Teotihuacan and the Maya. *PNAS*. DIO: 10.1073/pnas.2212431119

Presentations

Animal management and sacrificial power, October 2023

- Speed talk at the 2023 Student Conference on Conservation Science

Paleogenomic Analysis of Rockfish Diversity in the North Pacific: Insights into Past Human-Fish Interactions and Contemporary Ecological Challenges, September 2023

- Poster at the 2023 International Society for Biomolecular Archaeology meeting

*Animal management and sacrificial power: Using ancient genomics to study golden eagle (*Aquila chrysaetos*) sacrifice in Teotihuacán*, September 2023

- Poster at the 2023 International Society for Biomolecular Archaeology meeting
- Presentation focused on final results of this research

Prospects for the recovery of aDNA from asphaltic faunal remains, March 2023

- Poster at the 2023 Society for American Archaeology (SAA) meeting

Captive management and sacrificial power: Using ancient genomics to study animal sacrifice in Teotihuacán, October 2021

- Talk at the 2021 Raptor Research Foundation Conference, held virtually
- Presentation focused on the raptor ecology aspects of this research

Captive management and sacrificial power: Using ancient genomics to study animal sacrifice in Teotihuacán, April 2021

- Poster at the 2021 Society for American Archaeology (SAA) meeting, held virtually
- Presentation focused on the archaeological aspects of this research

Captive management and sacrificial power: Using ancient genomics to study animal sacrifice in Teotihuacán, August 2020

- Poster at the 2020 Latin American & Caribbean Section of the Society for Conservation Biology meeting, held virtually
- Presentation focused on the conservation aspects of this research

Captive management and sacrificial power: Using ancient genomics to study animal sacrifice in Teotihuacán, April 2020

- Accepted poster at the 2020 Society for American Archaeology (SAA) meeting in Austin, TX (canceled due to Coronavirus pandemic)
- Presentation focused on the archaeological aspects of this research

Fighting Back Against Standardization: Using Group Learning to Promote Understanding, April 2015

- Biology senior thesis project on my work with ISLS and educational strategies for engaging students in biology programs
- Presented to the general Hiram community

The Morals of War: Aesop's Fables in the Bayeux Tapestry, March 2015

- History senior thesis project on the depictions of Aesop's Fables found in the borders of the Bayeux

Tapestry and how they comment on the main narrative

- Presented to the general Hiram community

Service

- Anthropology Graduate Student Association Treasurer (Jan 2019-Dec 2020) and Faculty Liaison (January-December 2022)
- Senator in the Graduate Student Senate and member of the Ways and Means committee (August 2021-August 2023)
- Graduate student representative for the Faculty Senate Committee for open access publication (Fall 2022)