

# Isabel Heslin

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*Curriculum vitae March 2025*

## RESEARCH INTERESTS

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Paleoanthropology, Palaeoecology, Archaeology, Hominin Nutrition, Human Evolution, Dietary Reconstruction, Quantitative methods, Museum Studies, Eastern Africa

## EDUCATION

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**Colorado State University** | PhD, Anthropology

*Current: First-Year*

Advisor: Dr. Andrew Du, Department of Anthropology and Geography

Concentration: Biological Anthropology

**Yale University** | Master of Arts, Archaeological Studies

May 2024

Readers: Dr. Jessica Thompson and Dr. Ellery Frahm

Thesis: *Addressing Nutritional Biases in Paleoanthropology*

*Relevant coursework:* Evolution of the Human Diet, Experimental Archaeology, Archaeological Lab Sciences, Paleoarchaeology Intensive Reading Course, Primate Ecology and Behavior, Lithic Technology, Archaeology in the Digital Age

**Lehigh University**

Bachelor of Arts, Anthropology & Classical Civilizations

January 2022

Minor: History

GPA: 3.97 - Highest Honors

## TEACHING EXPERIENCE

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**Graduate Student Teaching Assistant** | Colorado State University

Fall 2024

- Taught three sections of ANTH 121 Human Origins and Variation Laboratory

## RESEARCH EXPERIENCE

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**Hominin Paleoecology Lab** | Colorado State University

August 2024 - *Ongoing*

Project Investigator: Dr. Andrew Du

- Investigating questions relating to hominin paleoecology from a quantitative perspective

**Malawi Ancient Lifeways and Peoples Project (MALAPP)** | Yale University

Summer 2024

HOMER Project in Mzimba, Kasitu Valley, Malawi

Project Investigator: Dr. Jessica Thompson

Position: Research Assistant

- Organization of online and physical archaeological materials at the National Repository of Malawi
- Data collection: lithics, animal bones, iron slag/ore, pottery
- Database management

**Paleoarchaeology Lab Technician (Level 2)** | Yale University

January 2024 - May 2024

Faculty Lab Manager: Dr. Jessica Thompson

- Leading Project Sauron - the reorganization of the Malawi Ancient Lifeways and Peoples Project (MALAPP) field and lab data collection
- Implementation of new field lab protocols and data management
- Data cleaning; Microsoft Access Database

**Museum Collections Assistant** | Yale Peabody Museum

March 2023 - May 2024

Collections Manager: Roger Colten

- Cataloging the YUPEN 1966 lithics collection and piecing together contextual information to understand where and how the material was collected
- Learning the Peabody Museum cataloging system (EMu)
- Skills: archiving; cataloging, artifact photography; EMu

**Malawi Ancient Lifeways and Peoples Project (MALAPP)** | Yale University

Summer 2023

HOMER Project in Mzimba, Kasitu Valley, Malawi

Project Investigator: Dr. Jessica Thompson

Position: Graduate Student

- Co-ran and organized field laboratory with local lab leader, Raphael Kondwani
- Collaborated with local community members in both field and lab settings
- Participated in an archaeological excavation of an LSA rock shelter site
- Participated in a human remains recovery excavation

**Classical Studies Internship** | Rutgers University

May 2020 - June 2022

Supervisor: T. Corey Brennan

- Worked on archival material belonging to the Boncompagni-Ludovisi family
- Conducted an independent project on the history and mobility of the Sallustiano Obelisk, which resulted in the 2020 publication of "The 'Sallustian' Obelisk: A Remarkable Journey from the Villa Ludovisi to the Spanish Steps."
- Assisted in the transcription of an ancient coin and medal collection c. 1770

**Syrian Refugee Education Internship** | Rutgers University

June - October 2020

Supervisor: Salam Al Kuntar

- Conducted historical research regarding the relationship between the ancient Levant and ancient Egypt which was then formatted into lesson plans for Syrian Refugee children who have resettled in Egypt

**Roman Glass Lab Assistant** | College of Charleston

August - December 2018

Supervisor: Allison Sterrett-Krause

- Drew, measured, and cataloged Roman glassware

**Bulow Plantation Ruins Excavation** | University of Florida

June 2017

Supervisor: James Davidson

- Participated in the excavation of a burnt-down slave cabin
- Trained with graduate students in on-site excavation techniques

**Crow Canyon Archaeological Field School**

July 2016

- Participated in the excavation of an open-air Puebloan domestic site
- Learned archaeological excavation methods, data collection, and artifact handling

**COMMUNITY OUTREACH**

**Graduate Student Teaching Assistant** | Colorado State University

Spring 2025

- Working on the Trunk Show which is the department outreach program

- Visiting local schools to teach about anthropology and geography
  - Facilitating outreach programs and building new activities
- Harris Elementary Steam Night** | Colorado State University March 2025
- Presenter for the CSU Trunk Show – anthropology and geography
- Lopez Elementary** | Colorado State University March 2025
- Presenter for the CSU Trunk Show – anthropology and geography
- Archaeology and Cultural Heritage of Mzimba, Malawi** | MALAPP
- Assisted in facilitating a workshop on protecting cultural heritage of Malawi Summer 2024
  - Met with local collaborators on how to best preserve archaeological sites
- Guest Speaker at The Craig School** | Mountain Lakes, New Jersey February 2024
- Introduction to archaeology for elementary school, grades 2-5

## PROJECTS (IN PROGRESS)

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*Accepted:* **Heslin, Isabel** - “Extant Primate Stone Tool-Use and Its Application to Human Evolution: A Literature Review of Primate Lithic Studies” Journal: *Furthering Perspectives* Mountain Scholar CSU

*In Progress:* **Heslin, Isabel.**, Thompson, Jessica., David Raubenhiermer. - “Bigger is Not Better: Unexpected Relationship Between Prey Body Size and Macronutrient Composition in East African Mammals” Intended journal: *Journal of Human Evolution* (JHE)

*In Progress:* Thompson, Jessica., **Heslin, Isabel.**, David Raubenhiermer - “Evolutionary Nutritional Transitions”

*In Progress:* Raubenhiermer, David., Thompson, Jessica., and **Heslin, Isabel.** - “Nutritional Geometry of Dietary Transitions in the East African Rift”

## PUBLICATIONS (NOT-PEER REVIEWED)

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2020. **Heslin, Isabel.** “The ‘Sallustian’ Obelisk: A Remarkable Journey from the Villa Ludovisi to the Spanish Steps.” *Archivio Digitale Boncompagni Ludovisi*  
<https://villaludovisi.org/2020/09/11/the-sallustian-obelisk-a-remarkable-journey-from-the-villa-ludovisi-to-the-spanish-steps/>

## PRESENTATIONS

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“The Ludovisi ‘Sallustian’ Obelisk in Rome” Virtual Presentation at Internal Conference "Religion, Politics, & Culture in the Papacy of Gregory XV Ludovisi (1621-1623)" hosted by Kutztown University, February 5, 2020.  
<https://youtu.be/gwDk94Cv21s?si=Uhknx8xU7JIMZ7VE>

## RESEARCH FUNDING

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- 2023 Fieldwork Travel Funding | *Albers–Coe–Hazard Fund* (\$3,954) - Yale University
- 2024 Fieldwork Travel Funding | *Albers–Coe–Hazard Fund* (\$5,000) - Yale University

## HONORS & AWARDS

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- 2019 - 2021 | **Lehigh University** Dean’s List
- 2021 | **Lehigh University** University’s Honors

## SKILLS

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*Field:* Excavation, Photogrammetry, Total Station, Archaeological Recording Methods

*Computer:* Metashape, R, JMP Pro 16, Google Earth Pro, Scannerverse, Microsoft Excel and Access, HRAF

*Lab:* Portable X-ray Fluorescence Analyzers (pXRF), Scanning Electron Microscopy (SEM)

*Museum:* Museum Cataloguing, Database management, EMu, Artifact Photography, Archival Research

## **SOCIETY MEMBERSHIPS AND AFFILIATIONS**

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Rocky Mountain Biological Anthropology Association (RMBAA)

Colorado Council of Professional Archaeologists (CCPA)

Society of Africanist Archaeologists (SAfA)

Society for American Archaeology (SAA)

Paleoanthropology Society