

# Audrey Tjahjadi

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10 Sachem St., Rm 218

New Haven, CT

## Education

August 2021-present

### PhD Student, Anthropology

Advisor: Dr. Serena Tucci  
Yale University  
New Haven, CT

August 2019-May 2021

### M.S., Human Paleobiology

*A Phylogenetic Analysis of Two Starch Digesting Enzymes in Primates*  
Advisor: Dr. Brenda Bradley  
George Washington University  
Washington D.C.

August 2014-May 2018

### B.A., Archaeology, B.A., Biology

*Cum laude*  
Boston University  
Boston, MA

## Research Experience

August 2021-Present

### PhD student, Tucci Lab

Yale University, New Haven CT

- QIAamp and Circulomics blood extractions from buffy coat and whole blood
- Ongoing project analyzing methods for detecting ROH with PLINK

January 2018-May 2018

### Lab volunteer, Bansil Lab

Boston University, Boston MA

- Cultured *H. pylori* bacteria
- Collected and purified pig gastric mucin for microrheology experiments with *H. pylori* bacteria

May 2017-May 2018

### Undergraduate research project (UROP)

Boston University, Boston MA

- Designed study examining the relationship between secretory immunoglobulin A, testosterone, and dominant behavior in college-aged individuals
- Collected saliva samples, survey data, and anthropometric measurements

October 2015-May 2016

### Lab volunteer

Environmental Archaeology Lab  
Boston University, Boston MA

- Sorted and identified macrobotanical remains from Ashkelon, Israel

June-July 2015

- Accessioned comparative collection samples

**Ravenscroft and Bull Creek Field School, Oklahoma**

Augustana University, Sioux Falls SD

- Excavated a Paleoindian campsite and bison kill in the Oklahoma Panhandle
- Learned standard excavation techniques and mapping of artifacts

## Teaching Experience

August 2019-2021

**Graduate teaching assistant**

George Washington University

- *Biology of Nutrition and Health*
- *Ecology and Evolution*
- Plan and instruct laboratory portion of an introductory biology course

August 2018-August 2019

**English teacher**

EF English First, Xi'an, China

- Instruct discussion-based ESL classes for adult learners
- Produce lesson plans and classroom content designed to allow students English practice within a real-world context

January 2016-May 2018

**Undergraduate assistant for Vertebrate Zoology**

Boston University, Boston MA

- Maintained and prepared preserved animal specimens for class observation
- Instructed dissections of dogfish, mudpuppy, pigeon, and rat
- Lectured on vertebrate reproduction, physiology, and evolution
- Wrote and oversaw lab exams

## Community Outreach

March 2022-current

**Speaker - Science in the News**

**Director - Yale Science Communication**

Yale University, New Haven, CT

January 2020

**Visiting speaker for The *Scientist Is In* program**

National Museum of Natural History, Washington, D.C.

October 2017

**Archaeology Day station leader**

Boston University, Boston, MA

December 2016

**Student panelist**

BIOBUGS High school outreach

Boston University

September 2016-June 2018

**President and Experimental Archaeology Coordinator**

Archaeology Society BU, Boston University, Boston MA

## Publications

2022

Reilly, P., Tjahjadi, A., Miller, S., Akey, J., Tucci, S. (2022) "The contribution of Neanderthal introgression to modern human traits." *Current Biology*. <https://doi.org/10.1016/j.cub.2022.08.027>