

Ashly N. Romero
Curriculum vitae

University of Arkansas
Department of Anthropology
330 Old Main
Fayetteville, AR 72701

Contact:
anromero@uark.edu

Education

In progress	Doctor of Philosophy, Anthropology University of Arkansas
2018	Master of Arts, Anthropology University of Arkansas Thesis title: A comparison of craniofacial asymmetry in <i>Gorilla gorilla gorilla</i> and <i>Pan troglodytes troglodytes</i> Thesis advisor: Claire Terhune, PhD
2016	Bachelor of Arts, Anthropology (<i>Magna cum laude</i>) Minors: Biology, Forensic Studies California State University, Long Beach (CSULB) Research advisor: Ted Stankowich, PhD

Research Interests

Mammalian craniofacial morphology, fluctuating asymmetry, growth and development, skeletal biology, stress, statistics, geometric morphometrics

Employment History

2017-present	Department Intern Environmental Health and Safety, University of Arkansas Data entry, safety sign creation, lab inspection assistant
2016-present	Graduate Teaching Assistant Department of Anthropology, University of Arkansas Introduction to Biological Anthropology Lab
2013-2014	Tutor Bickerstaff Academic Center, CSULB Anthropology, Biology, Statistics, and Criminal Justice

Awards, Scholarships, and Funding

2018	Best Overall Presentation, Lambda Alpha Student Symposium, Wichita State University
2018	Professional Awareness, Advancement, and Development (PAAD) fellow, NSF
2017	Honorable Mention, Graduate Research Fellowship Program, NSF

- 2016 College of Liberal Arts Outstanding Graduate, CSULB
- 2016 Outstanding Baccalaureate Student in Anthropology, CSULB
- 2016 Award for Excellence in Anthropology, CSULB
- 2012-2016 President's Scholars Program, CSULB (\$40,000)

Peer-reviewed Publications

- 2017 **Romero AN**, Herlin M, Finnilä M, Korkalainen M, Håkansson H, Viluksela M, Sholts SB. *Skeletal and dental effects on rats following in utero/lactational exposure to the non-dioxin-like polychlorinated biphenyl PCB 180*. PloS One 12(9):e0185241
- 2017 Stankowich T, **Romero AN**. *The correlated evolution of antipredator defences and brain size in mammals*. Proc R Soc London, B 284(1846):20161857

Published Abstracts

- 2018 **Romero AN**, Terhune CE. *A comparison of fluctuating asymmetry models in non-human primate crania*. Am J Phys Anthropol 165(S66):230.
- 2016 **Romero A**, Sholts S, Håkansson H, Viluksela M. *Craniofacial and dental effects shown in rats following in utero/lactational exposure to 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB-180)*. Am J Phys Anthropol 159(S62):272.

Presentations (Abstracts Not Published)

- 2018 Moore C, Yoakum CB, **Romero AN**, Douglas EC, Gallagher KM, Terhune CE. *A biomechanical analysis of cervical spine posture using geometric morphometrics*. American Association of Anatomists. San Diego, CA.
- 2018 **Romero, A**. *A comparison of fluctuating asymmetry models in non-human primate crania*. Lambda Alpha Student Symposium. Wichita, KS.
- 2016 **Romero A**, Sholts S. *Craniofacial and dental effects shown in rats following in utero/lactational exposure to 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB-180)*. CSULB Student Research Competition. Long Beach, CA.
- 2016 **Romero A**, Sholts S. *Craniofacial and dental effects shown in rats following in utero/lactational exposure to 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB-180)*. CSULB Student Research Symposium. Long Beach, CA.
- 2015 **Romero A**, Sholts S. *Craniofacial and dental effects shown in rats following in utero/lactational exposure to 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB-180)*. Natural History Research Experience Symposium. Washington, D.C..

Research Experience

- 2017 Pleistocene survey and collections identification/organization team member
Directed by Dr. Claire Terhune, Dr. Sabrina Curran, Dr. Chris Robinson, and Dr. Alexandru Petculescu
Oltet River Valley, Romania
- 2017-2018 Zoological specimen labeling and organization
University Collections Facility, Dr. Nancy McCartney, University of Arkansas
- 2017 3D scanning and scan editing (Flexscan & Geomagic)
Terhune Lab, Dr. Claire Terhune, University of Arkansas
- 2016 Collection organization and database creation
NAGPRA Lab, Cindi Alvitre, CSULB
- 2014-2016 Undergraduate Researcher
Mammal Lab, Dr. Ted Stankowich, CSULB
- 2015 Natural History Research Experience
REU Internship, Dr. Sabrina Sholts, NMNH, Smithsonian Institution
- 2015 Mammal specimen preparation
Vertebrate Zoology Lab, Suellen Jacob, CSULB
- 2014 Laboratory Intern
Forensic investigation, Dr. John Wang, Glasgow Caledonian University

Service

- 2018 Arkansas Archaeological Survey open house
Showed students and members of the public the zoological collection at the University of Arkansas collection storage facility
University of Arkansas, Fayetteville, AR; March 31, 2018
- 2018 Girls in STEM
Taught high school girls from across the state of Arkansas how to use primate characteristics to understand phylogenetic relationships between groups
University of Arkansas, Fayetteville, AR; February 10, 2018
- 2018 Girl Fest – Girls in STEAM
Showed girl scouts and parents fossil hominins and extant primates and demonstrated the connections and variation within the primate group
Fayetteville High School, Fayetteville, AR; December 2, 2017

- 2017 Anthropology and math laboratory exercise
 Taught seventh graders about primate locomotion and its relation to limb length, helped students work through a lab demonstrating one way math is used in anthropology, and presented past research showing the way math helps understand primate variation
 University of Arkansas, Fayetteville, AR; December 13, 2017
- 2017 Girl Fest
 Hosted an expo booth activity at a Girl Scout girls in STEAM event about human variation and what it means to be human
 Fayetteville, AR; December 2, 2017
- 2017 Volunteer
 Assist with laboratory safety audits and data entry
 Environmental Health and Safety
 University of Arkansas, Fayetteville, AR; January 2017-August 2017
- 2017 Girls in STEM
 Assisted with presentation of biological anthropology and primate diversity to young girls from Rogers School District
 University of Arkansas, Fayetteville, AR; May 5, 2017
- 2017 Arkansas Archaeological Survey open house
 Showed students and members of the public the zoological collection at the University of Arkansas collection storage facility
 University of Arkansas, Fayetteville, AR; March 30, 2017
- 2017 Primate locomotion presentation
 Assisted with presentation about locomotory and dietary adaptations in primates
 University of Arkansas, Fayetteville, AR; February 10, 2017
- 2017 Anthropology department open house
 Presented research and displayed methodologies to the Fayetteville community to convey the importance of biological anthropology in society
 University of Arkansas, Fayetteville, AR; February 20, 2017
- 2016 Anthropology and math
 Presented research to demonstrate how math is used in science and assisted students in exercises using math to understand scientific concepts
 Lincoln Jr. High School, Bentonville, AR; December 12-14, 2016
- 2015 Craniofacial and dental effects in rats exposed to environmental toxins Presented research to patrons in museum exhibit
 National Museum Natural History, Smithsonian Institution, Washington, D.C.; July 21, 2015

Professional Memberships

American Association of Physical Anthropologists

American Association of Anatomists

Sigma Xi

Lambda Alpha

Phi Kappa Phi

Last updated: 4/29/18