

ALEXANDRA E. KRALICK, PH.D.

CURRICULUM VITAE

University of Wisconsin-Madison
475 N. Charter Street
Madison, WI 53706
kralick@wisc.edu
www.AlexandraKralick.com

EDUCATION

Ph.D., University of Pennsylvania, Philadelphia, PA 2023
Department of Anthropology
Dissertation: “*Orangutan Osteobiography: Skeletal Morphology and Flanging in Pongo sp.*”
Dissertation Committee: Drs. Theodore Schurr, Morgan Hoke, Babette Zemel, Maja Šešelj, Matthew Tocheri

B.S., George Washington University, Washington, D.C. 2014
Degree in Biological Anthropology
Minor in Africana Studies and Biology
Summa cum laude, University Honors Program
Senior Thesis: “*A Radiographic Study of Dental Development and Life History of Virunga Mountain Gorillas from Rwanda.*” Senior Thesis Advisor: Dr. Shannon McFarlin

PROFESSIONAL APPOINTMENTS

Postdoctoral Research Fellow 2025
University of Wisconsin-Madison, Madison, WI

Visiting Assistant Professor of Anthropology 2024-2025
Bryn Mawr College, Bryn Mawr, PA

Postdoctoral Research Fellow 2023-2024
Harvard University, Cambridge, MA

PUBLICATIONS

Peer-Reviewed Published Journal Articles *mentee coauthors are denoted with an asterisk

In Review **Alexandra E. Kralick.** No More Sneaking Around: The Rewriting of Male Orangutan Reproductive Strategies. *American Journal of Biological Anthropology*.

2024 **Alexandra E. Kralick,** Babette Zemel, Phillip Lin*, Clara Nolan*, Matthew W. Tocheri. (2024) Relative leg-to-arm skeletal strength proportions in orangutans by species and sex. *Journal of Human Evolution*. 188: 103496.

- 2023 **Alexandra E. Kralick**, Caitlin A. O’Connell, Meredith L. Bastian, Morgan K. Hoke, Babette S. Zemel, Theodore G. Schurr, Matthew W. Tocheri. (2023). Beyond Dimorphism: Body Size Variation among Adult Orangutans is not Dichotomous by Sex. *Integrative and Comparative Biology*. 63(4):907-921. doi: 10.1093/icb/icad015
- 2023 **Alexandra E. Kralick**, Stephanie Canington, Andrea Eller, and Kate McGrath. (2023). Specimens as Individuals: Four interventions and recommendations for great ape skeletal collections research and curation. *Evolutionary Anthropology*. 1:20. doi: 10.1002/evan.22002
- 2023 Sam Sharpe, Andrew P. Anderson, Idelle Cooper, **Alexandra E. Kralick**, Timothy James, Hans Lindahl, Sara Lipshutz, J. F. McLaughlin, Banu Subramaniam, Alicia Roth Weigel, A. Kelsey Lewis. (2023). Sex and Biology: Broader Impacts Beyond the Binary. *Integrative and Comparative Biology*. 1:8. doi: 10.1093/icb/icad113
- 2021 **Alexandra E. Kralick** and Kate McGrath. (2021). More severe stress markers in the teeth of flanged versus unflanged orangutans (*Pongo* spp.). *American Journal of Physical Anthropology*, 176(4):625-637. doi: 10.1002/ajpa.24387
- 2020 **Alexandra E. Kralick** and Babette S. Zemel. (2020). Evolutionary perspectives on the developing skeleton and implications for lifelong health. *Frontiers in Endocrinology*. 11: 99. doi: 10.3389/fendo.2020.00099
- 2019 Kate McGrath, Donald Reid, Debbie Guatelli-Steinberg, Keely Arbenz-Smith, Sireen El Zaatari, Lawrence M. Fatica, **Alexandra E. Kralick**, Michael R. Cranfield, Tara S. Stoinski, Timothy Bromage, Antoine Mudakikwa, Shannon C. McFarlin. (2019). Faster growth corresponds with shallower linear hypoplastic defects in great ape canines. *Journal of Human Evolution*. 137: 102691.
- 2017 **Alexandra E. Kralick**, M. Loring Burgess, Halszka Golwacka, Keely Arbenz-Smith, Kate McGrath, Christopher B. Ruff, King Chan, Michael R. Cranfield, Tara S. Stoinski, Timothy G. Bromage, Antoine Mudakikwa, Shannon C. McFarlin. (2017). A radiographic study of permanent molar development in wild Virunga mountain gorillas of known chronological age from Rwanda. *American Journal of Physical Anthropology*. 163(1):129-147.

Published Abstracts

- 2025 **Alexandra E. Kralick** and Matthew W. Tocheri. (2025) Comparative Analysis of Limb Functional Morphology Across Sex and Flanging Status in Orangutans. *American Journal of Biological Anthropology*.
- 2025 Amelia Gordon*, Olivia Traweck*, Efendie Benon*, Nadya Laksmitha*, Azlanta Maydio Pratama Putra*, Eva Hernandez-Janer, Sri Suci Utami Atmoko, Erin Vogel, **Alexandra E. Kralick**. (2025). Fallen Giants: Examining Bone Fractures and Cause of Death in Wild Flanged Male Orangutans. *American Journal of Biological Anthropology*.

- 2024 **Alexandra E. Kralick**, Stephanie Canington, Andrea Eller, and Kate McGrath. (2024). Exploring the ethics of great ape skeletal remains research: historical perspectives and contemporary solutions. *American Journal of Biological Anthropology*. 183(77):89.
- 2024 Sarah Fachnie, **Alexandra E. Kralick**, Lillian F. Rogers, Ethan S. Rogers, and Stephanie L. Canington. (2024). Photos from the past illuminate the complexities of flanging in historic captive orangutans (*Pongo* spp.). *American Journal of Biological Anthropology*. 183(77):48.
- 2024 Cheryl D. Knott, Ella R. Brown, Faye S. Harwell, **Alexandra E. Kralick**, Jessica C. Laman, Caitlin A. O'Connell, Ahmad Rizal, Amy M. Scott, Tatang Mitra Setia, Tri Wahyu Susanto. (2024). Variation in Orangutan Development and Body Size: Implications for Assigning Sex and Age to Fossil Hominins. *American Journal of Biological Anthropology*. 183(77):87-88.
- 2023 **Alexandra E. Kralick**. Queering Primate Osteology: Orangutan Skeletons Challenge Normative Assumptions of Binary Sex and Gendered Behavior. (2023). *American Journal of Biological Anthropology*.
- 2023 **Alexandra E. Kralick**. (2023). Skeletal Variation in Adult Orangutans (*Pongo* spp.) Defies Expectations of Sexual Dimorphism. *Integrative and Comparative Biology*.
- 2022 **Alexandra E. Kralick** and Matthew W. Tocheri. (2022). Relative leg-to-arm strength proportions in Bornean and Sumatran orangutans. *American Journal of Biological Anthropology*. 177(S73):100.
- 2021 **Alexandra E. Kralick**, Eden Mackereth, Matthew W. Tocheri. (2021). A 3D quantitative comparative analysis of trapezium and trapezoid morphology in *Gorilla* and *Pan*. *American Journal of Physical Anthropology*. 174:57.
- 2020 **Alexandra E. Kralick** and Kate McGrath. (2020). Orangutan Canine Linear Enamel Hypoplasia Defects Assessed in Association with Flanging Status. *American Journal of Physical Anthropology*. 171:149.
- 2019 **Alexandra E. Kralick**. (2019). Sex Differences in Orangutan Long Bone Skeletal Strength in Relation to Flanging Status. *American Journal of Physical Anthropology*. 168(S68):131.
- 2019 Li Li, George M. Leader, Aylar Abdolazadeh, Tamara Dogandžić, Deborah I. Olszewski, **Alexandra E. Kralick**, Clay Graubard, Harold L. Dibble. (2019). Force and Flake Size. Implications for Hominin Strength. Paleoanthropology Society Meeting Abstracts. *PaleoAnthropology* 1: A20.
- 2018 **Alexandra E. Kralick**. (2018). Orangutan Growth and Development Evaluated in Conjunction With Secondary Sexual Characteristics. *American Journal of Physical Anthropology*. 165(S66):145.

- 2014 **Alexandra E. Kralick**, Matthew W. Tocheri. (2014). A 3D quantitative comparative analysis of wrist morphology among western and eastern gorillas. *American Journal of Physical Anthropology*. 155(4):161.

Published Science Outreach Journal Articles

- 2023 **Alexandra Kralick** and Kate McGrath. (2023). Habitat Destruction Is Threatening an Aspect of Orangutan Biology. *Frontiers for Young Minds*. 11:914617. doi: 10.3389/frym.2023.914617

Published Editorials and Essays

- 2025 **Alexandra Kralick** and Stephanie Canington. “Envisioning a More Empathetic Treatment of Great Ape Remains: Many museums are reckoning with the colonial legacies of the human remains and cultural objects in their collections. Now anthropologists are advocating to pay similar respects to primates” *SAPIENS*. February 6. <https://www.sapiens.org/biology/great-ape-remains-empathy-respect-museums-sciences/>
- 2023 **Alexandra Kralick**. “When Ape Sex Isn’t Simple: One type of male orangutan has perplexed scientists because they run counter to long-held binary expectations of sex differences in the skeleton.” *Anthropology News*. March 14. <https://www.anthropology-news.org/articles/when-ape-sex-isnt-simple/>.
- 2018 **Alexandra Kralick**. “What Our Skeletons Say About the Sex Binary”. *SAPIENS*. November 9. <https://www.sapiens.org/body/intersex-biological-sex/> Republished in *The Atlantic* on November 11 as “Is Gender Written Into Your Skeleton? The study of human bones complicates a strict binary definition of sex.” Republished in *Slate* on November 13 as “We Finally Understand That Gender Isn’t Binary. Sex Isn’t, Either.”

Published Association Statements

- 2023 Archer SM, DuBois Z, **Kralick A**, and Smith RWA. AABA Statement in Support of Trans Lives. Unanimously accepted by the AABA Executive Committee and concurrently approved by the Executive Committees of the AAAG, DAA, PPA, PAS, AAA BAS, and HBA.

GRANTS AND FELLOWSHIPS

Awarded Proposals

- 2025-27 [\$25,000] Leakey Foundation Research Grant, “The role of body size and infant carrying on Bornean Orangutan locomotion”
- 2025 [\$9,650] Wenner-Gren Global Initiatives Grant, “Global Whole Ape Curation Project (GWACP)/Proyek Kurasi Komprehensif Kera Besar Global: A Global Equity and Access Initiative for Research on Orangutan Skeletal Remains’

2023-25	[\$14,000]	Harvard Radcliffe Institute Exploratory Seminar Co-applicant, “Sexed Bodies in Sport: Accelerating Interdisciplinary Research on the Social Dimensions of Female Athlete Health and Injury”
2022-23	[\$20,000]	P.E.O. Scholar Award- Philanthropic Education Organization
2022-23	[\$33,623]	Dissertation Completion Fellowship, University of Pennsylvania
2019-22	[\$102,000]	NSF GRFP- National Science Foundation Graduate Research Fellowship Program
2020	[\$15,000]	Leakey Foundation Dissertation Research Grant, “CT Scan Analysis of Orangutan Skeletal Measurements and Its Relationship to Secondary Sexual Characteristic Development”
2020	[\$4,000]	Teece Dissertation Research Fellowship, University of Pennsylvania
2019	[\$5,000]	NSF GRIP Grant- National Science Foundation Graduate Research Internship Program, “CT Scan Analysis of Orangutan Skeletal Bone Strength with Regard to Secondary Sexual Characteristic Development”
2018	[\$2,515]	Dept. of Anthropology Field Funds, University of Pennsylvania
2018	[\$1,050]	Penn Museum Field Funds, University of Pennsylvania
2018-19	[\$26,700]	Presidential Graduate Prize Fellowship, University of Pennsylvania
2017	[\$2,000]	Dept. of Anthropology Field Funds, University of Pennsylvania
2017	[\$1,050]	Penn Museum Field Funds, University of Pennsylvania
2016-18	[\$53,400]	Benjamin Franklin Fellowship, University of Pennsylvania

Ranked Highly Competitive but Declined Due To Federally Mandated Priority Changes

2025	NSF SBE SPRF- National Science Foundation Social Behavioral and Economic Sciences Postdoctoral Research Fellowship, “The Role of Body Size and Infant Carrying on Bornean Orangutan Locomotion”
------	---

HONORS AND AWARDS

2023	American Association of Biological Anthropologists Journal of Human Evolution Student Presentation Prize on Human or Primate Evolution
2023	Pollitzer Student Travel Award, American Association of Biological Anthropologists
2022	Outstanding Presentation Prize Honorable Mention, American Association of Biological Anthropologists
2022	Pollitzer Student Travel Award, American Association of Biological Anthropologists
2014	Columbian College of Arts and Sciences Distinguished Scholar Award, George Washington University
2014	Jane B. Hart Award for Outstanding Undergraduate Thesis, George Washington University

TEACHING EXPERIENCE

Principal Instructor of Record

2025	ANTH 003- Intro Human Evolution	College of Liberal and Professional Studies, University of Pennsylvania
2025	ANTH 283- The Living Primates: Bones Biology, and Behavior	Department of Anthropology, Bryn Mawr College
2025	ANTH 363- Gender and Human Evolution	Department of Anthropology, Bryn Mawr College
2024	ANTH 287- Sex, Gender, Biology, & Culture	Department of Anthropology, Bryn Mawr College
2024	ANTH 101- Intro to Biological Anthropology and Anthropological Archaeology Laboratory	Department of Anthropology, Bryn Mawr College
2022	ANTH 003- Intro Human Evolution	College of Liberal and Professional Studies, University of Pennsylvania
2022	PSPR 005- Biocultural Anthropology of Sex and Gender	Penn Summer College Prep Series, University of Pennsylvania
2021	ANTH 003- Intro Human Evolution	College of Liberal and Professional Studies, University of Pennsylvania
2021	PSPR 023- Myths of Human Nature	Penn Summer College Prep Series, University of Pennsylvania
2020	ANTH 003- Intro Human Evolution	College of Liberal and Professional Studies, University of Pennsylvania

Teaching Fellow

2025	Human Gross Anatomy	Department of Physician Assistant Studies, High Point University
------	---------------------	--

Instructor

2024	Orangutan Skeletal Biology	Tuanan Orangutan Research Station Study Abroad, Indonesia
2021	Human Osteology	Penn Museum Archaeological Field Skills Bootcamp

Certificate

2024	Pedagogy Workshop Series, Certificate of Completion, Bryn Mawr College
2019	Center for Teaching and Learning (CTL) Certificate, University of Pennsylvania

Graduate Teaching Assistant

2018	ANTH 003- Intro Human Evolution	University of Pennsylvania
2018	ANTH 122- Becoming Human	University of Pennsylvania
2018	ANTH 207- Primate Behavior & Ecology	University of Pennsylvania
2017	ANTH 003- Intro Human Evolution	University of Pennsylvania

Undergraduate Teaching Assistant/Learning Assistant

2014	BISC 1112- Intro to Biology Laboratory and Lecture, George Washington University
------	--

2013 BISC 1111- Intro to Biology Laboratory and Lecture, George Washington University

K-12 Teaching Experience

2014-15 High School Science Teacher, Teach for America, Potomac High School

2015-16 Education Program Intern, C&O Canal National Historic Park, Great Falls, Maryland

MENTORSHIP

Undergraduate Research Mentees

2024-25 McKenna Hurlbut, Bryn Mawr College; Senior thesis reader on orangutan bimaturism project, mentor on project examining zoo records of orangutan flanging

2024-25 Amelia Gordon, Rutgers University, Austin; Training in orangutan skeletal methods at Tuanan Orangutan Research Station

2024-25 Olivia Traweek, University of Texas, Austin; Training in orangutan skeletal methods at Tuanan Orangutan Research Station

2023 Mia Russ, Harvard College; Facilitated a review of textbook and training guide literature on sex/gender and ACL injury

2022-23 Morgan West, University of Pennsylvania; Training in skeletal research methods using 3D CT analysis measuring cross sectional area

2022-23 Phillip Lin, University of Pennsylvania; Training in pqCT scan analysis in ImageJ

2021-23 Sarah Caminito, University of Pennsylvania; Training in skeletal research methods using 3D CT analysis measuring trabecular bone density

2021-23 Clara Nolan, University of Pennsylvania; Training in skeletal research methods using 3D CT analysis measuring cross sectional area

2021-23 Jocelyn Salgado, Johns Hopkins University; Training in skeletal research methods using 3D CT analysis measuring cortical bone density

2019-20 Phoebe Stokes and Anne Lally, University of Pennsylvania; Training in skeletal research methods assessing epiphyseal fusion in the orangutan skeleton

PRESENTATIONS

Conference Sessions Organized and Chaired

2023 Invited Podium Symposium. “Queering research: uses of LGBTQIA+ perspectives and queer theory in biological anthropology.” American Association of Biological Anthropologists annual conference. Discussants: Agustín Fuentes, Rick W.A. Smith, L. Zachary DuBois. April 19-22, 2023. Reno, NV. [Role: **Co-Organizer, Co-Chair**]

2021 Roundtable/Townhall. “Narrative and Identity in Great Ape Skeletal Research.” American Anthropological Association annual conference. Presenters: Alexandra

Kralick, Kate McGrath, Andrea Eller, and Stephanie Canington. Discussant: Lori Gruen. November 20. Virtual. [Role: **Organizer, Chair**]

Contributed Conference Podium Presentations or Posters

- 2025 “Comparative Analysis of Limb Functional Morphology Across Sex and Flanging Status in Orangutans.” American Association of Biological Anthropologists annual conference. Podium Presentation. March 12-15, Baltimore, MD.
- 2025 “Flanged and unflanged males sire offspring in captivity.” American Association of Biological Anthropologists annual conference. Undergraduate Research Symposium. Poster. March 12-15, Baltimore, MD. [Role: **co-author** for undergraduate mentee **McKenna Hurlbut**]
- 2024 “Exploring the ethics of great ape skeletal remains research: historical perspectives and contemporary solutions.” American Association of Biological Anthropologists annual conference. Podium Presentation. Contribution to invited podium symposium titled “Beyond Bones, Bodies, and Behavior: Shifting the Disciplinary Landscape towards Biocultural Bodies.” March 20-23, Los Angeles, CA.
- 2024 “From Another Angle: Reconceptualizing the Role of Sex/Gender and Q Angle in ACL Injury.” Rethinking Injuries: Interdisciplinary Approaches to Harm, Safety and Society. Johns Hopkins center for Medical Humanities and Social Medicine. March 7-9, Baltimore, MD.
- 2023 “Queering Primate Osteology: Orangutan Skeletons Challenge Normative Assumptions of Binary Sex and Gendered Behavior.” American Association of Biological Anthropologists annual conference. Podium Presentation. Contribution to invited podium symposium titled “Queering research: uses of LGBTQIA+ perspectives and queer theory in biological anthropology.” April 19-22, Reno, NV.
- 2023 “Skeletal Variation in Adult Orangutans (*Pongo* sp.) Defies Expectations of Sexual Dimorphism. Society for Comparative and Integrative Biology annual conference.” Invited Symposium titled “Sexual diversity and variation.” January 3-7, Virtual and in Austin, TX.
- 2022 “Rethinking the relationship between food availability, gregariousness, and orangutan flanging” Northeastern Evolutionary Primatology Group. Presentation. November 45, Buffalo, NY.
- 2022 “Relative leg-to-arm strength proportions in Bornean and Sumatran orangutans.” American Association of Biological Anthropologists annual conference. Podium Presentation. March 23-26, Virtual and in Denver, CO.
- 2022 “Evidence of orangutans compensating for broken and re-healed arm bones using other limbs.” American Association of Biological Anthropologists annual conference. Undergraduate Research Symposium. Poster. March 23-26, Denver, CO. [Role: **co-author** for undergraduate mentee Sarah Caminito]

- 2021 “A 3D quantitative comparative analysis of trapezium and trapezoid morphology in *Gorilla* and *Pan*.” American Association of Biological Anthropologists annual conference. April 7-28, Virtual.
- 2021 Roundtable Presenter in Roundtable/Townhall. Narrative and Identity in Great Ape Skeletal Research. American Anthropological Association annual conference. November 20. Virtual.
- 2020 “Orangutan Canine Linear Enamel Hypoplasia Defects Assessed in Association with Flanging Status.” *American Association of Biological Anthropologists* annual conference. Poster. April 15-18, Virtual.
- 2019 “Physical Activity and the Development of Skeletal Sex Differences in the Upper vs Lower Body: A Biocultural Study.” BIRCWH (Building Interdisciplinary Research Careers in Women’s Health) Penn PROMOTES Research on Sex and Gender in Health Symposium. Poster. June 13, Philadelphia, PA.
- 2019 “Sex Differences in Orangutan Long Bone Skeletal Strength in Relation to Flanging Status.” American Association of Biological Anthropologists annual conference. Poster. March 27-30, Cleveland, OH.
- 2018 “Orangutan Growth and Development Evaluated in Conjunction With Secondary Sexual Characteristics.” American Association of Biological Anthropologists annual conference. Poster. April 11-14, Austin, TX.
- 2014 “A 3D quantitative comparative analysis of wrist morphology among western and eastern gorillas.” American Association of Biological Anthropologists annual conference. Poster. April 9-12, Calgary, Canada.
- 2013 “A preliminary radiographic analysis of dental development in Virunga mountain gorillas (*Gorilla beringei beringei*) from Volcanoes National Park, Rwanda.” American Association of Biological Anthropologists annual conference. Poster. April 8-13, Knoxville, TN.

Invited Lectures/Talks

- 2024 “Skeletal Biology of Unflanged Male Orangutans” Human Evolutionary Biology, Harvard University, April 30
- 2024 “Queering the Study of Primate Skeletons” Studies of Women, Gender, and Sexuality, Harvard University, April 23
- 2024 “Beyond Dimorphism: Body size variation among adult orangutans is not dichotomous by sex” Journal Club, Department of Anthropology, Dartmouth College, February 8
- 2023 “Orangutan Osteobiography: A decolonial and queer approach to sex and gender in the skeleton” Darwin Cluster Diversity Education and Inclusivity Seminar, University of Chicago, May 10

- 2022 “Skeletal Differences Between Flanged and Unflanged Male Orangutans” Rutgers University, Laboratory for Primate Dietary Ecology and Physiology of Erin Vogel, Ph.D., March 11
- 2021 “Orangutan Skeletons Bust the Sex Binary” AABA COD-LGBTQIAA+ Bite-Size BioAnth, September 10
- 2021 “Orangutan Canine Linear Enamel Hypoplasia Defects Assessed in Association with Flanging Status” Tooth Talks, The Ohio State University, April 23
- 2019 “Skeletons & the Sex Binary: Human and Orangutan Case Studies” TAD talks, Department of Anthropology, University of Pennsylvania, March 8

Guest Lectures

- 2025 “Anatomical Consequences of Bipedalism,” Human Gross Anatomy, Department of Physician Assistant Studies, High Point University
- 2024 “Sex, Gender, and Sex/Gender,” ANTH 66- Human Biological Variation, Department of Anthropology, Dartmouth College
- 2022 “New Findings from Old Skeletons: Rethinking Expectations of Flanged vs Unflanged Male Orangutans”, Intro to Human Evolution, Department of Anthropology, University of Delaware
- 2022 “Long Bone Functional Morphology of Great Apes” ANTH 294- Special Topics Lab Methods in Biological Anthropology, SUNY Oneonta
- 2021 “Creating a Safe Classroom Environment Workshop” Biocultural Anthropology Methods (BAM) Lab, University of Pennsylvania
- 2019 “Communicating Research in Public Media” ANTH 300- Undergraduate Research Seminar, University of Pennsylvania
- 2018 “Life History” ANTH 207- Primate Behavior and Ecology, University of Pennsylvania
- 2017 “Life History and Reproductive Ecology” ANTH 003- Intro Human Evolution, University of Pennsylvania

Public Presentations

- 2021 “Orangutan Skeletons Bust the Sex Binary” Leakey Foundation, Lunch Break Science, November 18
- 2021 “Climate Change Threatens Great Ape Biology” HOT Topics Webinar, Smithsonian National Museum of Natural History, Human Origins Program, June 17
- 2021 “Climate Change Threatens Great Ape Biology” Sharon High School, November 4
- 2019 “How Your Bones Bust the Sex Binary” Penn Arts and Sciences 60-Second Lecture SLAM, May 18.
- 2019 “What Our Skeletons Say About the Sex Binary” Penn Arts and Sciences Grad Ben Talk

Invited Panelist

- 2020 Panelist in “Surviving/Thriving as a STEM Graduate Student During the Pandemic” Duke Initiative for Science & Society
- 2019 Panelist in “Writing for Non-Scholarly Audiences (Anthropology and Archaeology)” Penn Museum

PREVIOUS RESEARCH APPOINTMENTS

- 2018-20 Pre-Doctoral Fellow, Non-Traditional Personnel (NTP) at Children’s Hospital of Philadelphia (CHOP) Growth and Nutrition Lab of Babette Zemel, Ph.D.
- 2019 Pre-Doctoral Fellow/Intern, Smithsonian National Museum of Natural History, supervised by Briana Pobiner, Ph.D. and Meredith Bastian, Ph.D.
- 2015 Research Assistant, Goudveld Baboon Project, Rheenendal, Knysna, Western Cape, South Africa
- 2013-14 Natural History Research Experiences (NHRE) NSF REU Intern, Smithsonian National Museum of Natural History, Lab of Matt Tocheri, Ph.D.

MEDIA COVERAGE

- 2020 Arch and Anth Podcast Interview on May 13, 2020 titled “Episode 125: How do orangutan skeletons grow? What are some fun biological anthropology facts?”
- 2018 Council of Graduate Schools, feature titled: “GradImpact: Complicating a Binary Definition of Sex through Skeletal Studies”

COMMUNITY SCIENCE OUTREACH

- 2020 Daily Dig, Great Lecture Series, Penn Museum, March 4
- 2019 Scientist is In, Smithsonian National Museum of Natural History, Human Origins Program, October 15
- 2013 Scientist is In, Smithsonian National Museum of Natural History, Human Origins Program, July 31

PROFESSIONAL TRAINING

- 2022 Nikon X-Tek HMXST225 Micro-CT system training at Harvard University Center for Nanoscale Systems
- 2017 Human Gross Anatomy Course, Grade: A+, Perelman School of Medicine, University of Pennsylvania

- 2017 Geometric Morphometrics Research Methods Course, Translating Science course at the Centre de Restauració i Interpretació Paleontològica in Spain

UNIVERSITY SERVICE

- 2022-23 Search committee member for the Penn Museum Bioarch/Bioanth Faculty Curator position, Department of Anthropology, University of Pennsylvania
- 2020 Morton collection committee member, Penn Museum
- 2017-18 Graduate Anthropology Forum (GAF), Department of Anthropology, University of Pennsylvania, Student Leader

PROFESSIONAL SERVICE

- 2024-25 Guest Associate Editor and Editorial Board Member, *American Journal of Biological Anthropology*, Special Issue: “Queering research: uses of LGBTQIA+ perspectives and queer feminism in biological anthropology”
- 2025-27 Co-Chair, Biological Anthropologists Women’s Mentoring Network (BAWMN)
- 2024-25 Organizer, Academic Job Market Mentorship Circle, Biological Anthropologists Women’s Mentoring Network (BAWMN)
- 2022-25 Steering Committee Member, Biological Anthropologists Women’s Mentoring Network (BAWMN)
- 2022 Mentor, COD (Committee on Diversity) Undergraduate Research Symposium, American Association of Biological Anthropologists Annual Conference in Denver, CO and Virtually

Reviewer of manuscripts and grants for the following:

Journals: American Journal of Biological Anthropology; Journal of Human Biology, Ecology and Evolution; Bulletin of the Peabody Museum of Natural History; Pediatric Review; PeerJ – The Journal of Life and Environmental Sciences

Institutions: National Science Foundation

PROFESSIONAL AFFILIATIONS

- 2013-25 American Association of Biological (Physical) Anthropologists (AABA/AAPA)
- 2023-24 Society for the Social History of Medicine (SSHM)
- 2021-23 American Anthropological Association (AAA), Biological Anthropology Section (BAS), Association for Queer Anthropology (AQA)
- 2019-23 Society for Integrative and Comparative Biology (SICB)
- 2021-22 American Society of Mammologists (ASM)
- 2019-22 American Society of Primatologists (ASP)

SKELETAL COLLECTIONS RESEARCHED

1. Smithsonian Institution, National Museum of Natural History (NMNH), Department of Mammalogy, Washington, DC, USA
2. Mountain Gorilla Skeletal Project (MGSP), Dian Fossey Gorilla Fund International, Karisoke Research Center, Rwanda
3. Harvard University, Museum of Comparative Zoology (MCZ), Department of Mammalogy, Cambridge MA, USA
4. University of Bordeaux, Centre Associatif et Culturel, Centre Archéologique, Pessac, France
5. Museum für Naturkunde (MfN), Leibniz Institute for Evolution and Biodiversity Science, Department of Mammalogy, Berlin, Germany
6. University of Southern Denmark, Anthropological Database of Odense University (ABDOU), Odense, Denmark
7. Penn Museum, University of Pennsylvania Museum of Archaeology and Anthropology, Center for Analysis of Archaeological Materials, Philadelphia, PA, USA
8. Academy of Natural Sciences of Drexel University (ANSP), Department of Mammalogy, Philadelphia, PA, USA
9. American Museum of Natural History (AMNH), Department of Mammalogy, New York, NY, USA
10. Field Museum of Natural History (FMNH), Department of Mammalogy, Chicago, IL, USA
11. Natural History Museum (NHM), Department of Mammalogy, London, United Kingdom
12. Denver Museum of Nature and Science (DMNS), Department of Zoology, Denver, CO, USA
13. Muséum National d'Histoire Naturelle (MNHN), Collections Mammifères et Oiseaux, Anatomie Comparée, Paris, France
14. Staatliches Museum für Naturkunde Stuttgart (SMNS), Säugetiere und Zoologie, Stuttgart, Germany
15. Bavarian State Collection of Zoology or Zoologische Staatssammlung München (ZSM), Sektion Mammalogie, Munich, Germany
16. University of Zurich, Department of Anthropology (UZH), Schultz Collection, Zürich, Switzerland
17. Oxford Museum of Natural History (OMNH), Oxford, United Kingdom
18. Tuanan Orangutan Research Station, Kalimantan, Indonesia