

Curriculum Vitae
Emilee N. Hart, M. A., Ph. D.

Assistant Professor, Zoo and Conservation Science
Department of Environmental Science and Sustainability
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EDUCATION

Ph.D. Human Evolutionary Biology, Biomedical Sciences	2024
<i>Kent State University</i>	
M.A. Anthropology, Minor in Applied Statistics	2018
<i>Louisiana State University</i>	
B.S. Sociology, Departmental Honors, <i>cum laude</i>	2016
<i>Oklahoma State University</i>	

APPOINTMENTS

Assistant Professor , Zoo and Conservation Science	2025 – present
<i>Department of Environmental Science and Sustainability, Drake University, Des Moines, IA</i>	

RESEARCH INTERESTS

Primatology	Behavioral Endocrinology	Evolutionary Biology
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GRANTS

International Primatological Society Conservation Grant	\$1,500.00
<i>Spring 2024</i>	
Department of Anthropology Endowed Fund for Graduate Research	\$1,000.00
<i>Kent State University, Spring 2024</i>	
Graduate Student Senate Domestic Travel Award	\$300.00
<i>Kent State University, Spring 2024</i>	
Graduate Student Senate Research Award	\$1,665.00
<i>Kent State University, Fall 2023</i>	
International Travel Award	\$2,000.00
<i>Kent State University, Spring 2023</i>	
Department of Anthropology Endowed Fund for Graduate Research	\$850.00
<i>Kent State University, Spring 2022</i>	
Graduate Student Senate Research Award	\$2,000.00
<i>Kent State University, Spring 2021</i>	
Graduate School Travel Award	\$600.00
<i>Louisiana State University, 2018</i>	
The Robert C. West and R.J. Russell Research Award	\$1,000.00
<i>Louisiana State University, 2017</i>	

TEACHING EXPERIENCE

Instructor <i>Great Ape/Zoo Internship, Des Moines, IA</i>	Fall 2025
Instructor <i>Animal Behavior, Drake University, Des Moines, IA</i>	Fall 2025
Instructor <i>Primatology, Drake University, Des Moines, IA</i>	Fall 2025
Instructor <i>Quantitative Anthropology, Kent State University, Kent, OH</i>	Spring 2023
Instructor <i>Human Evolution, Kent State University, Kent, OH</i>	Spring 2021, Fall 2022
Instructor <i>Human Evolution, American Academy, Curitiba, Brazil</i>	Spring 2022
Teaching Assistant <i>Human Evolution Lab, Kent State University, Kent, OH</i>	Fall 2020
Instructor <i>DukeTIP, Duke University West Campus, Durham, NC</i>	Summer 2018

PROFESSIONAL EXPERIENCE

Education Program Officer <i>Akron Zoo, Akron, OH</i>	Sep. 2024 – Oct. 2024
Research Assistant <i>Takeshita Primate Endocrinology Lab, Kent State University</i>	Aug. 2023 – Aug. 2024; Jan. 2025 – Aug. 2025
Animal Care Technician Level 3 <i>Health Assessment and Colony Management, Tulane National Primate Research Center</i>	Jan. 2019 – Aug. 2020
Exhibitions Coordinating Assistant <i>Hill Memorial Library, Louisiana State University</i>	Aug. 2016 – Aug. 2018

PEER-REVIEWED PUBLICATIONS

- Magrini SH, McKinny SR, **Hart EH**, Young JW, Nakatsukasa M, Lovejoy CO. (*submitted*). Does platycnemia develop in squatting populations as a response to torsional rotation across the subadult growth plate? *American Journal of Biological Anthropology*.
- De Melo JT, da Silva GP, Pereira AKF, Imbeloni AA, **Hart EN**, Monteiro FOB, Takeshita RSC. (2025). Age-related changes in dehydroepiandrosterone-sulfate in howler monkeys (*Alouatta caraya*). *International Journal of Primatology*.
- Hart EN**, Yeager K, Margulis S, & Takeshita RSC. (2025). Age-related changes in fecal adrenal androgen levels in hylobatids. *General and Comparative Endocrinology*, 370.
- Hart EN**, Palme R, Greenblatt, N, & Takeshita RSC. (2024). Hormonal changes in northern white-cheeked gibbons (*Nomascus leucogenys*) after the death of a group member. *Primates*, 1-7.
- Hart EN**, da Silva GP, & Takeshita RSC. (2023). Dehydroepiandrosterone and dehydroepiandrosterone-sulfate: biomarkers of pregnancy and of fetal health. *Theriogenology Wild*, 100056.
- Hart EN**, & Takeshita RSC. (2023). Effect of Social Dominance and Reproductive State on Adrenal Steroids in Female Japanese Macaques (*Macaca fuscata*). *International Journal of Primatology*, 1-21.

Williams FL, Brophy JK, Mathews G, **Hart EN**, de Lumley MA, & Becam G. (2019). Comparison of crown shapes of Neandertal mandibular molars from Hortus cave using elliptical Fourier analysis. *Anthropologie (Brno)* 57, 115-126.

PUBLISHED ABSTRACTS AND PAPERS PRESENTED

- Hart EN**, Margulis S, Takeshita, RSC. (2025). Developmental patterns of adrenal secretions in the small apes. Poster presentation at the 94th American Association of Biological Anthropologists annual meeting in Baltimore, MD March 13-15th, 2025.
- Magrini SH, McKinny S, **Hart EN**, Young JW, Lovejoy CO, Nakatsukasa M. (20215). Development of platycnemia in ancient and modern Japanese populations: A response to torsional rotation across the subadult growth plate. Poster presentation at the 94th American Association of Biological Anthropologists annual meeting in Baltimore, MD March 13-15th, 2025.
- Hart EN**, Kubisch HM, Falkenstein KP, & Meindl RS. (2024). Comparative reproductive patterns and seasonality between subspecies of captive rhesus macaques (*Macaca mulatta*). Oral presentation at the 93rd American Association of Biological Anthropologists annual meeting in Los Angeles, CA March 20-23rd, 2024.
- Fanan A, Knauss ZT, Kabi M, **Hart EN**, Takeshita RSC, & Mueller D. (2023). Acquisition of fentanyl seeking in adolescence following maternal separation is sex and hormone dependent. Poster presentation at the 11th annual Neuroscience Symposium at Kent State University, Kent, OH October 26-27, 2023.
- Hart EN** & Takeshita RSC. (2023). Effect of social dominance and reproductive state on adrenal steroids in female Japanese macaques (*Macaca fuscata*) from Jigokudani Monkey Park. Oral presentation at the 29th bi-annual joint meeting of the International Primatological Society – Malaysia Primatological Society Congress in Kuching, Malaysia, August 19-25, 2023.
- Hart EN**, Palme R, Costa R, & Takeshita RSC. (2022, 2023). Behavioral and physiological responses of zoo-housed white-cheeked gibbons (*Nomascus leucogenys*) during acclimation to a new exhibit. Poster presented at the 19th annual meeting of the Midwest Primate Interest Group with the University of Michigan, Ann Arbor, October 20-21, 2022, and the Kent State Graduate Research Symposium, April 6-7, 2023.
- Hart EN** & Takeshita RSC. (2021). The influence of social dominance and reproductive state on fecal dehydroepiandrosterone-sulfate (DHEAS) in Japanese macaques (*Macaca fuscata*). Paper presented at the 6th annual International Society of Wildlife Endocrinology, August 16-17, 2021. *Online*
- Hart EN**, Kubisch HM, Falkenstein KP, & Meindl RS. (2021). Female fertility rates between subspecies of captive rhesus macaques. Oral presentation given at the Primate and Wildlife Science Symposium with Kyoto University, March 1-2, 2021. *Online*
- Hart EN**, Kubisch HM, Falkenstein KP, & Meindl RS. (2020). Female fertility rates between subspecies of captive rhesus macaques. Poster presented at the 89th annual meeting of the American Association of Physical Anthropologists, April 15-18, 2020. *Online*
- Hart EN**. (2018). Metacarpal ratio (2Mc:4Mc) and its relation to intra-male competition. Poster presented at the 53rd annual meeting of the Southern Anthropological Society, Chattanooga, TN, April 20-21, 2018.
- Hart EN**. (2018). Metacarpal ratio (2Mc:4Mc) and its relation to sexual dimorphism in primates with different mating strategies. Poster presented at the 87th annual meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14, 2018.

OTHER PUBLICATIONS

Hart EN, Costa R, & Takeshita RSC. (2023) Behavioral and physiological responses of zoo-housed northern white-cheeked gibbons (*Nomascus leucogenys*) during acclimation to a new exhibit. *Animal Keepers' Forum*, 20(7), 180-189.

LAB AFFILIATIONS

Center for the Evolutionary Origins of Human Behavior <i>Kyoto University</i>	2024
Raghanti Neuroscience Research Lab <i>Kent State University</i>	2023 – 2025
Takeshita Primate Endocrinology Research Lab <i>Kent State University</i>	2020 – 2025
Zouhair and Carol Yassine Gross Anatomy Lab <i>Northeast Ohio Medical University</i>	2021 – 2022

HONORS & AWARDS

Biomedical Science Student Success Award
Kent State University, Spring 2024

Anatoly Khitrin Award
Kent State University, Spring 2024

3-Minute Thesis Competition, Finalist
Kent State University, Fall 2023

3-Minute Thesis Competition, 2nd place
Kent State University, Fall 2022

Outstanding First-Year Student Award
School of Biomedical Sciences, Kent State University, Spring 2021

Graduate Student Senate Book Award
Kent State University, Fall 2020

Poster Presentation Honorable Mention Award
Southern Anthropological Society, 2018

Student Paper Honorable Mention Award
Southern Anthropological Society, 2018

Outstanding Senior in the Sociology Department
Oklahoma State University, 2016

Honors Departmental Award
Oklahoma State University, 2016

President's List
Oklahoma State University, Summer 2015 – Spring 2016

Dean's List
Oklahoma State University, Fall 2012 – Spring 2015

PROFESSIONAL SERVICE

Research Committee <i>SAFE Gibbon</i>	Jun. 2025 – present
Social Media Committee <i>International Society of Wildlife Endocrinology</i>	May 2025 – present

Executive Board Representative <i>Biomedical Sciences Student Advisory Committee, Kent State University</i>	Aug. 2022 – Aug. 2024
President <i>Lamda Alpha Anthropology Honor Society, Louisiana State University</i>	Sep. 2016 – May 2018
Co-President <i>Geography and Anthropology Society, Louisiana State University</i>	Aug. 2016 – Aug. 2017
Treasurer <i>Sociology Club, Oklahoma State University</i>	Aug. 2014 – May 2016

VOLUNTEER EXPERIENCE

Events Team Coordinator <i>Gibbon Conservation Society, virtual volunteer, Malaysia</i>	Oct. 2022 – May 2025
Volunteer <i>The Sheerar Museum of Stillwater History, Stillwater, OK</i>	Dec. 2015 – May 2016

CAMPUS TALKS

September Board of Trustees Meeting <i>Kent State University, Fall 2023</i>

HOSTED EVENTS

Beyond the Trees: The Impact of Wildlife Trafficking on Gibbon Conservation <i>Gibbon Conservation Society, March 4th 2023, virtual</i>
Know About Gibbon and Their Diseases <i>Gibbon Conservation Society, January 15th 2024, virtual</i>
Lovebrushed Gibbons: A Valentine's Art Affair <i>Gibbon Conservation Society, February 28th 2024, virtual</i>

LANGUAGES

English <i>Primary fluency</i>	Portuguese <i>Limited working proficiency</i>
French <i>Limited working proficiency</i>	Japanese <i>Elementary proficiency</i>

SOCIETY MEMBERSHIPS

American Association of Biological Anthropologists	Since 2016
International Primatological Society	Since 2023
International Society of Wildlife Endocrinology	Since 2024

Last updated: October 2025