

Curriculum Vitae Elaine Kozma

Anthropology • CUNY Graduate Center
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EDUCATION

- 2013-present PhD Candidate, Biological Anthropology
Graduate Center, City University of New York (CUNY), New York, NY
New York Consortium in Evolutionary Primatology (NYCEP)
- 2013 B.A. Anthropology with Honors, *Cum Laude*
New York University, New York, NY
Thesis: *3D Geometric Morphometric Analysis of the Proximal Tibia of Hominoids*. Advisors: T. Harrison and S. Williams

APPOINTMENTS

- Fall 2018-present Research Associate, Evolutionary Anthropology, Duke University
- Fall 2018-present Adjunct Lecturer, Department of Anthropology, Lehman College, CUNY
Human Evolutionary Anthropology, Course Instructor
- 2016-2018 Research Associate, Goulougo Triangle Ape Project, Republic of Congo
- Summer 2017 Adjunct Lecturer, Department of Anthropology, Lehman College, CUNY
Human Evolutionary Anthropology, Course Instructor
- 2017-2016 Adjunct Lecturer, Department of Anthropology, Hunter College, CUNY
The Human Species, Laboratory Instructor

RESEARCH GRANTS & FELLOWSHIPS

- 2015-2018 NSF Graduate Research Fellowship; \$138,000
- 2017 NSF, Doctoral Dissertation Research Improvement Grant (co-PI); \$9,828
- 2017 Leakey Foundation, Doctoral Dissertation Grant (PI); \$ 5,325
- 2016 CUNY Provost's Digital Innovation Grant (PI); \$4,000
- 2016 CUNY Doctoral Student Research Grant; \$850
- 2015 Pollitzer Student Travel Award, AAPA; \$500
- 2014-2015 CUNY Graduate Center Conference Presentation Support Grant; \$600
- 2013- 2015 NSF IGERT Fellowship; \$60,000
- 2013 Deans Undergraduate Research Grant, New York University; \$1,000

PUBLICATIONS

- Kozma, E.E.**, Webb, N., Harcourt-Smith, W.E.H., Raichlen, D.A., D'Aout, K., Brown, M.H., Finestone, E., Ross, S.S., Aerts, P., Pontzer H. 2018. Hip Extensor Mechanics and the Evolution of Walking and Climbing Capabilities in Humans, Apes, and Fossil Hominins. *Proceedings of the National Academy of Sciences*. 115(16).

PRESENTATIONS AND PUBLISHED ABSTRACTS

- Kozma, E.E.**, Webb, N., Harcourt-Smith, W.E.H., Raichlen, D.A., D'Aout, K., Brown, M.H., Finestone, E., Ross, S.S., Aerts, P., Pontzer H. Mechanics of hip extension characterize arboreal terrestrial trade off in hominin evolution. 2017 American Association of Physical Anthropologists Annual Meeting [abstract, invited poster].
- Kozma E.**, Raichlen D.A., Wood B.M., Pontzer H. 2016. Energetics and Muscle Use in Human Climbing. *American Journal of Physical Anthropology*, S62, 196. [abstract, talk]
- Lamela Lopez, R., **Kozma, E.**, Williams, S.A. 2016. Scapular morphology and its implications for the study of locomotor behaviors in primates and carnivorans. *American Journal of Physical Anthropology*, S62, 201. [abstract, poster]
- Kozma E.**, Raichlen D.A., Wood B.M., Pontzer H. 2016. Determinants of Energetic Costs of Climbing in Humans. *Integrative and Comparative Biology*, 56(Suppl 1), 233. [abstract, talk]
- Kozma E.** & Harrison T. 2015. Proximal tibial shaft proportions in extant hominoids and early hominins. *American Journal of Physical Anthropology*, S60, 193. [abstract, poster]
- Kozma E.**, Pontzer H., Webb N., Harcourt-Smith W. 2014. Hamstrings Moment Arms and Gait Mechanics in Early Hominins. *American Journal of Physical Anthropology*, S58, 160. [abstract, poster]
- Laird M.F., Harrison T., Zhou S., **Kozma E.**, Kwekason A., Su D.F. 2014. Morphometric and functional analyses of a new colobine tibia from Laetoli, Tanzania. *American Journal of Physical Anthropology*, S58, 163. [abstract, poster]
- Kozma E.** 2013. Three-dimensional analysis of the proximal tibia. *American Journal of Physical Anthropology*. Committee on Diversity, Undergraduate Research Symposium online supplement to the 82nd Annual Meeting, pg. 24-25. [abstract, poster]

RESEARCH & FIELD EXPERIENCE

- 2016-2018 Gorilla and Chimpanzee Positional Behavior at Goualougo and Mondika
Supervisors: D. Morgan and H. Pontzer
- 2017 Chimpanzee Aging and Locomotion, Supervisor: H. Pontzer
- 2016-2017 Photogrammetry in Chimps and Gorillas at Lincoln Park Zoo, Chicago, IL
Supervisors: S. Ross and H. Pontzer
- 2015 Rock Climbing Muscle Use Supervisor: H. Pontzer
- 2014-2015 Rock Climbing Energetics, Body Proportions. Supervisor: H. Pontzer
- 2015 Slow Loris NUMT Variation. Supervisors: G. Amato and M. Blair
- 2014 Eyasi Plateau Paleontological Expedition at Laetoli, Tanzania. Supervisor: T. Harrison
- 2014 Mechanical Advantage of the hip flexors. Supervisor: H. Pontzer
- 2013 Scapular Morphology in Primates and Bears with R. Lamela Lopez Supervisor: S. Williams
- 2013 Fossil Curatorial Associate. Cleveland Museum of Natural History and National Museum of Tanzania. Supervisor: D. Su
- 2013 3D Geometric Morphometric Analysis of the Proximal Tibia of Hominoids.
Undergraduate Thesis. Readers: T. Harrison, S. Williams
- 2012 Sima de las Palomas Field School
- 2011 Turkana Basin Institute Field School

SERVICE & COMMUNITY OUTREACH

- 2018 Visiting Researcher Talk, “Grimper chez les humains, gorilles, et chimpanzés”,
Nouabalé-Ndoki National Park, Republic of Congo.
- 2018 Roundtable, Capstone evaluation, Biology, East Side Community High School
- 2017 Invited Panelist, New York University Wasserman Center for Career
Development, “Careers in Anthropology”
- 2016 Instructor, short software courses for Congolese research assistants
- 2016 Visiting Researcher Talk, “L’accès aux arbres chez les gorilles et chimpanzés”,
Nouabalé-Ndoki National Park, Republic of Congo.
- 2016 Invited panelist, Women in Science Night, East Side Community High School,
NY
- 2015-present Hunter College Women in Science, Collaboration’s Coordinator
- 2015 Invited speaker, *Meet the Scientist*, American Museum of Natural History
- 2015 Invited speaker and mentor, Leadership workshop, Girls Inc of NY
- 2015- 2016 Graduate Mentor & Reviewer, AAPA Committee on Diversity
- 2015, 2016 Judge, Annual NYC High School Science and Engineering Fair
- 2014- present NYU Women in Science member and mentor
- 2014- 2015 Contributor & Editor, NYCEP Blog
- 2013- 2017 American Association of Physical Anthropologists meetings auction assistant
- 2012 - 2013 Museum Educational Volunteer, AMNH Sackler Laboratory

REVIEWER

Journal of Human Evolution

PROFESSIONAL AFFILIATIONS

American Association of Physical Anthropologists 2013-present

North Eastern Evolutionary Primatologists 2014-present

Society for Integrative and Comparative Biology 2015-present

LANGUAGES

English, fluent; French, fluent; Spanish, fluent; R, advanced; Python, beginner