

ASHLEY S. HAMMOND

ICREA Research Professor

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BACKGROUND

APPOINTMENTS

Catalan Institution for Research and Advanced Studies/Institució Catalana de Recerca i Estudis Avançats (ICREA)

Research Professor, 2025-present

Catalan Institute of Paleontology/Institut Català de Paleontologia Miquel Crusafont (ICP)

Hominin Origins Research Group Leader, 2025-present

American Museum of Natural History (AMNH), Division of Anthropology

Research Associate, 2025-present

Chair of Anthropology, 2022-2025

Associate Curator, 2022-2025

Assistant Curator, 2018-2022

Richard Gilder Graduate School (RGGS) at the AMNH

Adjunct Professor, 2025-present

Associate Professor, 2022-2025

Assistant Professor, 2018-2022

City University of New York (CUNY)

Adjunct Professor, 2018-present

Smithsonian Institution, Human Origins Program and Department of Anthropology,

Research Associate, 2017-present

New York Consortium in Evolutionary Primatology (NYCEP)

Core Faculty, 2018-2025

Center for Advanced Study of Human Paleobiology (CASHP), George Washington University

Research Affiliate, 2018-2021

Visiting Assistant Professor, 2017-2018

Postdoctoral Scientist, 2015-2017

Department of Anatomy, Howard University

Instructor, 2015-2016

Department of Anatomical Sciences, Stony Brook University

Research Instructor, 2013-2015

EDUCATION

Ph.D., Pathology and Anatomical Sciences, University of Missouri, 2013

M.A., Anthropology, Florida Atlantic University, 2008

B.A., Anthropology and Social Sciences (double-majored), certificate in Environmental Studies, Florida Atlantic University, 2006

FUNDING

AS PRINCIPAL INVESTIGATOR

National Science Foundation

Title: “[*Collaborative Research: Intensive paleontological and geological recovery to advance understanding of hominoid and hominin evolution*](#)” (NSF 2418989)

Amount: \$400,000 (\$203,000 to AMNH; transferred to Midwestern University in 2025)

Project years: 2024-2027

Co-PIs: Deming Yang, Erin DiMaggio

National Science Foundation

Title: “[*Equipment: MRI Track #2 Acquisition of a 3D X-ray microscope for advanced specimen-based organismal research*](#)” (NSF 2320473)

Amount: \$2,139,618

Project years: 2023-2026

Co-PIs: R Benson, M Hopkins, N Simmons, M Chase

AMNH Explore21 Expedition Grant

Title: “*Multi-proxy paleontological, paleoenvironmental, and geological work in Lemudong’o Formation, southern Kenya*”

Amount: \$81,134

Project years: 2023-2024

National Science Foundation

Title: “[*Collaborative Research: REU Site: Past and Present Human-Environment Dynamics*](#)” (NSF 1852441)

Amount: \$299,846

Project years: 2019-2024

Co-PI: DR Braun

National Geographic Foundation

Title: “[*Searching for 6 Myr old hominins in the southern Rift Valley, Kenya*](#)”

Amount: \$29,994

Project years: 2019-2021

AMNH Constantine S. Niarchos Expedition Grant

Title: “*Searching for the earliest hominins in the southern Rift Valley, Kenya*”

Amount: \$49,802

Project years: 2019-2020

Long Island University Catalyst Grant

Title: “*Trabecular architecture comparison of human tali from populations that experience different ankle loading*”

Amount: \$9,000

Project years: 2019-2021

Co-PI: M Barak

American Association of Physical Anthropologists Professional Development Grant

Title: “*Hominoid-like fossils from the late Oligocene of Kenya*”

Amount: \$5,000

Project years: 2017-2018

Wenner-Gren Foundation

Title: “*The hominid pelvis: Testing alternative evolutionary hypotheses for the Pan-hominin LCA pelvis shape*”

Amount: \$16,350
Project years: 2016-2017
Co-PIs: S Almécija, JB Smaers

L.S.B. Leakey Foundation

Title: “*Reconstructing phenotypic change in the pelvis of apes and humans*”
Amount: \$8,952
Project years: 2015-2016
Co-PI: S Almécija

National Science Foundation

Title: “*Doctoral Dissertation Improvement: [Novel 3D analysis of hip joint mobility and the evolution of locomotor abilities in Miocene hominoids](#)*” (NSF BCS 1232393)
Amount: \$15,765
Project years: 2012-2013
Co-PI: CV Ward

Wenner-Gren Foundation

Title: “*Fossil evidence for hip joint mobility and the evolution of suspensory locomotor abilities in hominoids*”
Amount: \$3,820 accepted (\$20,000 offered)
Project years: 2012-2013

L.S.B. Leakey Foundation

Title: “*Novel 3D analysis of Miocene hominoid hip joint mobility*”
Amount: \$12,300
Project years: 2012-2013

LISTED AS SENIOR PERSONNEL

Spanish Ministerio de Ciencia E Innovación

Title: “*Paleobiology and Evolution of Neogene and Quaternary primates of Europe: paleobiodiversity, paleoecology, phylogeny, and locomotion*”
Amount: 195,000 €
Project years: 2025-2029
PI: D Alba, J Arias Martorell

L.S.B. Leakey Foundation

Title: “*Multi-proxy environmental reconstruction of Lemudong’o (late Miocene), southern Kenya*”
Amount: \$30,000
Project years: 2025-2027
PI: D Yang

Spanish Ministerio de Ciencia E Innovación

Title: “*The Cenozoic primates from the Iberian Peninsula and their contribution to the reconstruction of the evolutionary history of the group*”
Amount: 181,500 €
Project years: 2021-2024
PI: S Moyà-Solà

L.S.B. Leakey Foundation

Title: “*Re-evaluating human evolution: The role of postcranial data in reconstructing hominin evolutionary relationships*”
Amount: \$19,276

Project years: 2020-2022

PI: C Mongle

Wenner-Gren Foundation

Title: “*Phylogenetic inference in hominoids using multiple hard-tissue 3D morphologies*”

Amount: \$18,878

Project years: 2017-2019

PI: S Almécija

Spanish Ministerio de Economía y Competitividad (205,700 €),

Title: “*Evolutionary history of Paleogene and Neogene Iberian primates*”

Amount: 205,700 €

Project years: 2012-2014

PI: S Moyà-Solà

AS RESEARCH SUPERVISOR FOR PHD STUDENTS

L.S.B. Leakey Foundation

Title: “*A total-evidence approach to Middle Pleistocene hominin phylogenetic relationships*”

Amount: \$2,710

Project years: 2025-2026

PI: N Post

L.S.B. Leakey Foundation

Title: “*Identifying hominin locomotor diversity from femoral diaphyseal structure*”

Amount: \$7,721

Project years: 2024-2026

PI: A Vecino Gazabón

PUBLICATIONS

Collaborative publications are standard for my field: **1st author** is lead on research and writing; **2nd author** has substantial contribution to research and writing; **senior (last) author** has developed and supervised research.

* Student authors who were working under my mentorship

⁺Postdoc authors who were working under my mentorship

46. Braun DR, Palcu DV, Advokaat E, Archer WS, Baraki NG, Biernat M, Beaudoin E, Behrensmeyer AK, Bobe R, Elmes K, Forrest F, **Hammond AS**, Jovane L, Kinyanjui R, Martini A, Mason P, McGrosky A, Munga J, Ndiema E, Patterson DB, Reeves JS, Roman DC, Sier M, Srivastava P, Tuosto K, Uno K, Villaseñor A, Wynn J, Harris JWK, Carvalho S. *accepted*. Early Oldowan Technology Thrived During Pliocene Environmental Change in the Turkana Basin, Kenya. *Nature Communications*.
45. Catalano S, Escapa I, Pugh K⁺, **Hammond AS**, Goloboff P, Almécija S. 2025. PlaceMyFossils: An integrative approach to analyze and visualize the phylogenetic placement of fossils using backbone trees. *Systematic Biology*.
<https://doi.org/10.1093/sysbio/syaf025>
44. Berg E, **Hammond AS**, Warrenner AG, Mitchell MS, Tocheri MW, Baker SE, Herries AIR, Strait DS, Orr CM. 2025. Further morphological assessment of a 2.0 million-year-old

- partial hominin pelvis (DNH 43) from the site of Drimolen, South Africa. South African Journal of Science.
<https://doi.org/10.17159/sajs.2025/17908>
43. Lawrence A, **Hammond AS**, Ward CV. 2025. Acetabular orientation, pelvic shape, and the evolution of hominin bipedality. *Journal of Human Evolution*: 103633.
<https://doi.org/10.1016/j.jhevol.2024.103633>
 42. Smith CM⁺, **Hammond AS**, Urciuoli A, Braga J, Beaudet A, Cazenave M⁺, Laitman JT, Almécija S. 2025. Divergent otolithic systems in the inner ear of *Paranthropus robustus* and *Australopithecus africanus*. *Journal of Human Evolution*: 103624
<https://doi.org/10.1016/j.jhevol.2024.103624>
 41. Cazenave M⁺, Pina M, **Hammond AS**, Böhme M, Begun DR, Spassov N, Vecino Gazabón A*, Zanolli C, Bergeret-Medina A, Marchi D, Macchiarelli R, Wood B. 2025. Postcranial evidence does not support habitual bipedalism in *Sahelanthropus tchadensis*: A reply to Daver et al. (2022). *Journal of Human Evolution*: 103557.
<https://doi.org/10.1016/j.jhevol.2024.103557>
 40. Almécija S, Pugh KD⁺, Anaya A, Smith CM⁺, Simmons N, Voss R, Duncan N, Lunde D, Viera M, Hsu T, Gilissen E, Maiolino S, Winchester J, Patel B, Orr C, Tocheri M, Delson E, **Hammond AS**, Boyer D, Catalano S. 2024. Primate Phenotypes: A multi-institution collection of 3D morphological data housed in MorphoSource. *Scientific Data* 11: 1391.
<https://doi.org/10.1038/s41597-024-04261-5>
 39. Smith CM⁺, David R, Almécija S, Laitman JT, **Hammond AS**. 2024. First evolutionary insights into the human otolithic system. *Communications Biology* 7:1244.
<https://doi.org/10.1038/s42003-024-06966-0>
 38. Powell V*, Barr WA, **Hammond AS**, Wood B. 2024. Behavioral and phylogenetic correlates of limb length proportions in extant apes and monkeys: implications for interpreting hominin fossils. *Journal of Human Evolution*: 103494.
<https://doi.org/10.1016/j.jhevol.2024.103494>
 37. Alba DM, Urciuoli A, **Hammond AS**, Almécija S, Rook L, Zanolli C. 2024. Miocene ape evolution: Where does *Oreopithecus* fit in? *Bollettino della Società Paleontologica Italiana* 63 (2): 153-182.
<https://doi.org/10.4435/BSPI.2024.01>
 36. Pugh KD⁺, Catalano SA, Pérez de los Ríos M, Fortuny J, Shearer BM, Vecino Gazabón A*, **Hammond AS**, Moyà-Solà S, Alba DM, Almécija S. 2023. The reconstructed cranium of *Pierolapithecus* and the evolution of the great ape face. *Proceedings of the National Academy of Sciences* 120: e2218778120.
<https://doi.org/10.1073/pnas.2218778120>
 35. Ward CV, **Hammond AS**, Grine FE, Mongle C⁺, Lawrence J, Kimbel W. 2023. The taxonomic status of the partial skeleton KNM-ER 1500 from the Burgi Member of Koobi Fora, Kenya. *Journal of Human Evolution*: 103426.
<https://doi.org/10.1016/j.jhevol.2023.103426>
 34. **Hammond AS**, Mongle CS⁺. 2023. *Pleistocene hominin fossil record of Africa* [book chapter]. In: Beyin A, Wright D, Wilkins J, Bouzouggar A, Olszewski D (eds.), Handbook of Pleistocene Archaeology of Africa: Hominin behavior, geography, and chronology. Springer. Pp. 1807-1820.
https://doi.org/10.1007/978-3-031-20290-2_119
 33. Villaseñor A, Uno KT, Kinyanjui R, Behrensmeyer AK, Bobe R, Advokaat EL, Bamford M, Carvalho SC, **Hammond AS**, Palcu DV, Sier MJ, Ward CV, Braun DR. 2023. Pliocene

- hominins from East Turkana were associated with humid environments in a semiarid basin. *Journal of Human Evolution* 180: 103385.
<https://doi.org/10.1016/j.jhevol.2023.103385>
32. Grine F, Mongle C⁺, Fleagle JG, **Hammond AS**. 2022. The taxonomic attribution of African hominin postcrania from the Miocene through the Pleistocene: Associations and assumptions. *Journal of Human Evolution* 173: 103255.
<https://doi.org/10.1016/j.jhevol.2022.103255>
 31. Foecke KK*, **Hammond AS**, Kelley J. 2022. Portable x-ray fluorescence spectroscopy geochemical sourcing of Miocene primate fossils from Kenya. *Journal of Human Evolution* 170: 103234.
<https://doi.org/10.1016/j.jhevol.2022.103234>
 30. Aguilar LK*, Collins CE, Ward CV, **Hammond AS**. 2022. Pathways to primate hip function. *Royal Society Open Science* 9: 211762.
<https://doi.org/10.1098/rsos.211762>
 29. Almécija S, **Hammond AS**, Thompson NE, Pugh KD⁺, Moyà-Solà S, Alba DM. 2021. Fossil apes in human evolution. *Science* 372: eabb4363.
<https://doi.org/10.1126/science.abb4363>
 28. **Hammond AS**, Mavuso SS*, Biernat M, Braun DR, Jinnah Z, Kuo S, Melaku S*, Wemanya SN, Ndiema E, Patterson DB, Uno KT, Palcu DV. 2021. New hominin remains and revised context from the earliest *Homo erectus* locality in East Turkana, Kenya. *Nature Communications* 12:1939.
<https://doi.org/10.1038/s41467-021-22208-x>
 27. **Hammond AS**, Rook L, Anaya A*, Cioppi E, Costeur L, Moyà-Solà S, Almécija S. 2020. Insights into the lower torso in late Miocene *Oreopithecus bambolii*. *Proceedings of the National Academy of Sciences* 117: 278-284.
<https://doi.org/10.1073/pnas.191189611>
 26. Fatica LM*, Almécija S, McFarlin SC, **Hammond AS**. 2019. Pelvic shape variation among gorilla subspecies: Phylogenetic and ecological signals. *Journal of Human Evolution* 137: 1-25.
<https://doi.org/10.1016/j.jhevol.2019.102684>
 25. Almécija S, Tallman ME, Sallam HM, Fleagle JG, **Hammond AS**, Seiffert E. 2019. Early anthropoid femora reveal divergent adaptive trajectories in catarrhine hind-limb evolution. *Nature Communications* 10:4778.
<https://doi.org/10.1038/s41467-019-12742-0>
 24. Ward CV, **Hammond AS**, Plavcan JM, Begun DR. 2019. A late Miocene hominid partial pelvis from Hungary. *Journal of Human Evolution* 136: 1-18.
<https://doi.org/10.1016/j.jhevol.2019.102645>
 23. Shearer BM, Muchlinksi MN, **Hammond AS**. 2019. Large pelvic tubercle in orangutans relates to the adductor longus muscle. *PeerJ* 7: e7273.
<https://doi.org/10.7717/peerj.7273>
 22. **Hammond AS**, Foecke KK*, Kelley J. 2019. Hominoid anterior teeth from the late Oligocene site of Losodok, Kenya. *Journal of Human Evolution* 128: 59-75.
<https://doi.org/10.1016/j.jhevol.2018.12.010>
 21. Muchlinski MN, **Hammond AS**, Deane AS, Purcell M, Hemingway HW, Hanke G, Pastor J, Garrosa M, Hartstone-Rose A. 2018. The *ligamentum teres femoris* in orangutans. *American Journal of Physical Anthropology* 167: 684-690.
<https://doi.org/10.1002/ajpa.23644>

20. **Hammond AS**, Almécija S, Libsekal Y, Rook L, Macchiarelli R. 2018. A partial *Homo* pelvis from the Early Pleistocene of Eritrea. *Journal of Human Evolution* 123: 109-128.
<https://doi.org/10.1016/j.jhevol.2018.06.010>
19. Alba DM, **Hammond AS**, Vinuesa V, Casanovas-Vilar I. 2018. First record of a Miocene pangolin (Pholidota: Manoidea) from the Iberian Peninsula. *Journal of Vertebrate Paleontology*: e1424716.
<https://doi.org/10.1080/02724634.2017.1424716>
18. **Hammond AS**, Royer DF, Fleagle JG. 2017. The Omo-Kibish I pelvis. *Journal of Human Evolution* 108: 199-219.
<https://doi.org/10.1016/j.jhevol.2017.04.004>
17. **Hammond AS**, Almécija S. 2017. Lower ilium evolution in apes and hominins. *Anatomical Record (Special Issue)* 300: 828-844.
<https://doi.org/10.1002/ar.23545>
16. Middleton ER, Winkler ZJ*, **Hammond AS**, Plavcan JM, Ward CV. 2017. Determinants of iliac blade orientation in anthropoid primates. *Anatomical Record (Special Issue)* 300: 810-827.
<https://doi.org/10.1002/ar.23557>
15. **Hammond AS**, Johnson VP*, Higham JP. 2017. Hip joint mobility in free-ranging rhesus macaques. *American Journal of Physical Anthropology* 162: 377-384.
<https://doi.org/10.1002/ajpa.23112>
14. Diogo R, Shearer BM, Potau JM, Pastor JF, de Paz FJ, Arias-Martorell J, Turcotte C*, **Hammond AS**, Vereecke E, Vanhoof M, Nauwelaerts S, Wood BA. 2017. Photographic and descriptive musculoskeletal atlas of bonobos [book]. Springer.
<https://doi.org/10.1007/978-3-319-54106-8>
13. Claxton A, **Hammond AS**, Romano J, Oleinik E, DeSilva J. 2016. Virtual reconstruction of the *Australopithecus africanus* pelvis Sts 65 with implications for obstetrics and locomotion. *Journal of Human Evolution* 99: 10-24.
<https://doi.org/10.1016/j.jhevol.2016.06.001>
12. **Hammond AS**, Plavcan JM, Ward CV. 2016. A validated method for modeling anthropoid hip abduction *in silico*. *American Journal of Physical Anthropology* 160: 529-548.
<https://doi.org/10.1002/ajpa.22990>
11. **Hammond AS**. 2016. The anthropoid crista trochanterica and the hip joint capsule. *Anatomical Record* 299: 60-69.
<https://doi.org/10.1002/ar.23288>
10. Ward CV, Feibel CF, **Hammond AS**, Leakey LN, Moffett EA, Plavcan JM, Skinner MM, Spoor F, Leakey MG. 2015. Associated ilium and femur from Koobi Fora, Kenya, and postcranial diversity in early *Homo*. *Journal of Human Evolution* 81: 48-67.
<https://doi.org/10.1016/j.jhevol.2015.01.005>
9. Plavcan JM, Meyer V, **Hammond AS**, Couture C, Madelaine S, Holliday TW, Maureille B, Ward CV, Trinkaus E. 2014. The Regourdou 1 Neandertal body size. *Comptes Rendus Palevol* 13: 747-754.
<https://doi.org/10.1016/j.crpv.2014.07.003>
8. Plavcan JM, **Hammond AS**, Ward CV. 2014. Calculating hominin and non-human anthropoid femoral head diameter from acetabular size. *American Journal of Physical Anthropology* 155: 469-475.
<https://doi.org/10.1002/ajpa.22591>

7. **Hammond AS.** 2014. *In vivo* baseline measurements of hip joint range of motion in suspensory and nonsuspensory anthropoids. *American Journal of Physical Anthropology* 153: 417-434.
<https://doi.org/10.1002/ajpa.22440>
6. **Hammond AS, Alba DM, Almécija S, Moyà-Solà S.** 2013. Middle Miocene *Pierolapithecus* provides a first glimpse into early hominid pelvic morphology. *Journal of Human Evolution* 64: 658-666.
<https://doi.org/10.1016/j.jhevol.2013.03.002>
5. **Hammond AS, Plavcan JM, Ward CV.** 2013. Precision and accuracy of acetabular size measures in fragmentary hominin pelvises obtained using digital sphere-fitting techniques. *American Journal of Physical Anthropology* 150:565-578.
<https://doi.org/10.1002/ajpa.22228>
4. **Hammond AS, Ward CV.** 2013. *Australopithecus* and *Kenyanthropus* [book chapter]. In: Begun DR (ed): Companion to Paleoanthropology. New York: Wiley-Blackwell, p. 434-456.
<https://doi.org/10.1002/9781118332344.ch23>
3. Congdon KA, **Hammond AS, Ravosa MJ.** 2012. Differential limb loading in domestic pigs (*Sus scrofa domestica*): A test of chondral modeling theory. *Journal of Experimental Biology* 215: 1472-1483.
<https://doi.org/10.1242/jeb.061531>
2. **Hammond AS, Dumont ER, McCarthy RC.** 2011. The effect of embedded permanent tooth crowns on the distribution of masticatory stress in children. *PLoS ONE* 6 (12): e29121.
<https://doi.org/10.1371/journal.pone.0029121>
1. **Hammond AS, Ning J, Ward CV, Ravosa MJ.** 2010. Mammalian limb loading and chondral modeling during ontogeny. *Anatomical Record (Special Issue)* 293: 658-670.
<https://doi.org/10.1002/ar.21136>

OTHER INVITED CONTRIBUTIONS

8. **Hammond AS.** 2023. *Ashley Hammond*. In: Humans: Perspectives on our past, present, and future from the world experts. Columbia University Press.
7. **Hammond AS.** What is the evidence for human evolution? Essay for AMNH Seminars on Science courses.
6. **Hammond AS.** 2021. Ancient Bones by M Böhme, R Braun, F Breier [book review]. *American Journal of Physical Anthropology* 176: 717-718.
<https://doi.org/10.1002/ajpa.24393>
5. Boyer DM, et al. [**Hammond** one of 40+ authors]. 2020. Response to letters to the editor concerning AJPA commentary on “data sharing in biological anthropology: Guiding principles and best practices.” *American Journal of Physical Anthropology* 172: 344-346.
<https://doi.org/10.1002/ajpa.24065>
4. **Hammond AS.** 2018. Chimpanzee past, present, and yet-to-come. The New Chimpanzee by C Stanford [book review]. *Evolutionary Anthropology* 27: 176-177.
<https://doi.org/10.1002/evan.21714>
3. Ward CV, **Hammond AS.** 2016. *Australopithecus* and Kin. *Nature Education Knowledge* 7 (31): 1.
<https://www.nature.com/scitable/knowledge/library/australopithecus-and-kin-145077614/>
2. **Hammond AS.** 2015. Everything Ape, With a Side of Human Evolution. Apes and Human Evolution by Tuttle RH [book review]. *Journal of Mammalian Evolution* 22: 599-600.

<https://doi.org/10.1007/s10914-015-9289-6>

1. **Hammond AS**. 2015. Primate Comparative Anatomy by DL Gebo [book review]. The Quarterly Review of Biology 90: 339.
<https://doi.org/10.1086/682630>

CONFERENCE AND INVITED PRESENTATIONS

CONFERENCE PRESENTATIONS

* Student authors who were working under my mentorship

⁺Postdoc authors who were working under my mentorship

98. Syeda SM⁺, Almécija S, **Hammond AS**. 2025. Phalangeal cortical bone ontogeny reflects differences in age-related locomotor loading in African apes. European Society for Human Evolution.
97. Post NW*, **Hammond AS**, Pugh KD, Almécija S, Catalano S. 2025. How does the number of landmarks impact geometric morphometric-based phylogenetic analysis? European Society for Human Evolution.
96. Post NW*, Pugh KD, Catalano S, Almécija S, **Hammond AS**. 2025. Combining data types in phylogenetic analyses. Willi Hennig Society.
95. López-Torres S, Yang D⁺, Manthi FK, **Hammond AS**. 2025. New lorisooids (Strepsirrhini, Primates) from the Late Miocene Lemudong'o Formation, southern Kenya. European Association for Vertebrate Paleontology.
94. **Hammond AS**. 2025. Big mamas and big babies: Becoming human in the Pleistocene. Wellcome Connecting Science conference "Human Evolution: From Fossils to Genomes."
93. Lawrence AB, Ward CV, Spear JK, **Hammond AS**, Alemseged Z. 2025. The iliac pillar and anterior ilium evolution in hominins. Journal of Biological Anthropology 186, S79, p.96.
92. Smith CM⁺, Almécija S, Johnson C, **Hammond AS**, Benson R. 2025. Linking balance and vision: How the cranium shapes primate vestibular morphology. Journal of Biological Anthropology 186, S79, p.155.
91. Vecino Gazabón A*, Ruff C, Fuentes E, Grine F, Mongle CS, Cazenave M, **Hammond AS**. 2025. Locomotor-related differences identified in femoral diaphyseal properties between *Gorilla* subspecies. Journal of Biological Anthropology 186, S79, p.170.
90. Post NW*, **Hammond AS**, Pugh KD, Almécija S, Catalano S. 2025. Are more landmarks better? Examining landmark quantity in geometric morphometric-based phylogenetic analysis. Journal of Biological Anthropology 186, S79, p.131.
89. Syeda SM⁺, Almécija S, **Hammond AS**. 2025. The ontogeny of phalangeal cortical bone structure in wild gorillas. Journal of Biological Anthropology 186, S79, p.162.
88. Lewton KL, **Hammond AS**, Skinner MM, Tocheri MW, Alamsyah N, Noerwidi S, Sutikna T. 2025. Functional implications of comparative morphology of the ossa coxae of *Homo floresiensis*. Journal of Biological Anthropology 186, S79, p.99.
87. Yang D⁺, Manthi FK, DiMaggio EN, Kinyanjui R, **Hammond AS**, Ambrose SH. 2025. Dietary niches of large mammals from the late Miocene Lemudong'o Formation, SW Kenya. Journal of Biological Anthropology 186, S79, p.183.
86. Sambrano A*, **Hammond AS**, Yang D⁺. 2025. Mesial drift observed across varying levels of dental specialization in African pigs. Society for Integrative and Comparative Biology.

85. DiMaggio EN, Mensch A, Ambrose S, Yang D⁺, Munyaka V, Kinyanjui R, Manthi FK, **Hammond AS**, Morgan L. 2024. Geochronology of Late Miocene fossil sites in southern Kenya. American Geophysical Union (AGU).
84. Zanolli C, **Hammond AS**, Vecino Gazabón A*, Toews N*, Fuentes E*, Maureille B, Xing S. 2024. The *Homo erectus* legacy of Zhoukoudian, China. IVPP's International Symposium on Paleoanthropology in Commemoration of the 95th Anniversary of the Discovery of the First Skullcap of Peking Man.
83. Post NW*, Pugh KD⁺, Catalano SA, Almécija S, **Hammond AS**. 2024. Preliminary comparison of traditional characters and Procrustes-aligned landmark data: a case study utilizing hominoid and fossil hominin taxa. Willi Hennig Society.
82. Post NW*, Pugh KD⁺, Catalano SA, Almécija S, **Hammond AS**. 2024. Inferring hominin phylogeny using Procrustes-aligned landmark data: a preliminary comparison with traditional methods. European Society for Human Evolution.
81. Vecino Gazabón A*, **Hammond AS**, Fuentes E, Grine F, Mongle CS, Cazenave M⁺, Ruff C. 2024. Femoral cortical bone and cross-sectional properties in *Gorilla* subspecies: implications for inferences regarding hominin locomotor behaviors. European Society for Human Evolution.
80. DiMaggio EN, Mensch A, Hill Z, Ambrose SH, **Hammond AS**, Manthi FK, Munyaka V. 2024. The geochemistry of tephra from late Miocene fossil sites in southern Kenya. Eastern African Association for Paleoanthropology and Paleontology Conference.
79. Kaptai R, **Hammond AS**, Manthi FK, DiMaggio EN, Yang D⁺, Ambrose SH, Kinyanjui RN. 2024. Vegetation Reconstruction of the late Miocene Lemudong'o Formation, southern Kenya. Eastern African Association for Paleoanthropology and Paleontology Conference.
78. Yang D⁺, Manthi FK, DiMaggio EN, Kinyanjui R, Ambrose SH, **Hammond AS**. 2024. Faunal composition among the three fossil collection phases of the Lemudong'o Formation, SW Kenya. Eastern African Association for Paleoanthropology and Palaeontology Conference.
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76. Yang D⁺, Manthi FK, DiMaggio EN, Kinyanjui R, Ambrose SH, **Hammond AS**. 2024. Phases of fossil collecting efforts at the Lemudong'o Formation, Kenya. American Journal of Biological Anthropology 183, S77, p.200.
75. Arenson JL, Gilbert CC, Ambrose SH, Manthi FK, DiMaggio EN, Yang D⁺, **Hammond AS**. 2024. New Late Miocene cercopithecoid fossils from the Lemudong'o Formation, southern Kenya. American Journal of Biological Anthropology 183, S77, p.7.
74. Vecino Gazabón A*, Profico A, Grine F, Mongle CS, Barrera AN, Fuentes E, **Hammond AS**, Cazenave M⁺. 2024. Comparison of medical vs. micro-computed tomography in the assessment of cortical bone thickness distribution in the primate femoral diaphysis. American Journal of Biological Anthropology 183, S77, p.186.
73. Post NW*, Pugh KD⁺, Catalano SA, Almécija S, **Hammond AS**. 2024. Preliminary study: A total-evidence approach to hominin phylogenetics using 3DGM data. American Journal of Biological Anthropology 183, S77, p.138.

72. Barrera AN*, Post NW*, Ortiz A, **Hammond AS**, Pugh KD⁺. 2024. Phylogenetic analysis of the Lukeino molar (KNM-LU 335) using occlusal morphology. *American Journal of Biological Anthropology* 183, S77, p.13.
71. Smith CM⁺, Urciuoli A, Cazenave M⁺, Braga J, Beaudet A, Almécija S, Laitman JT, **Hammond AS**. 2024. *Paranthropus robustus* vs. *Australopithecus africanus*: New evidence for divergent functional morphology of the “robust” inner ear. *American Journal of Biological Anthropology* 183, S77, p.169.
70. Mensch A*, Hill Z, DiMaggio E, Ambrose S, **Hammond AS**, Manthi FK, Munyaka V*. 2023. The geochemistry of tephra from Late Miocene fossil sites in southern Kenya. Geological Society of America conference.
69. Smith CM, **Hammond AS**, Laitman J. 2023. Novel inner ear visualizations offer new insights into the function of the primate otolith system and relationships with phylogeny. 2023 Anatomy Connected.
68. Patel BA, Di A, Pugh KD⁺, **Hammond AS**, Ortiz A, Gilbert CC, Campisano CJ, Patnaik R. 2023. Enamel thickness in the stem hylobatid *Kapi ramnagarensis*. *American Journal of Biological Anthropology* 180, S75, p.136.
67. Smith CM, **Hammond AS**, Almécija S, Curthoys I, Laitman JT. 2023. Inner ear otolith organ morphology predicts head and neck orientation. *American Journal of Biological Anthropology* 180, S75, p.165.
66. Vecino Gazabón A*, **Hammond AS**, Mongle CS, Ruff C, Pina M, Cazenave M⁺. 2023. Variation in intra and inter-specific cortical thickness in extant primate femoral diaphyses: a comparative framework for inferences of behavioral diversity in early hominins. *American Journal of Biological Anthropology* 180, S75, p.184-185.
65. Idso AC*, **Hammond AS**. 2023. Stw 573 fibula suggests a human-like popliteus muscle. *American Journal of Biological Anthropology* 180, S75, p.82.
64. Pugh KD⁺, Catalano SA, Pérez de los Ríos M, Fortuny J, Shearer BM, Vecino Gazabón A*, **Hammond AS**, Moyà-Solà S, Alba DM, Almécija S. 2023. Evolutionary modeling of the hominid face. *American Journal of Biological Anthropology* 180, S75, p.142-143.
63. **Hammond AS**, Vecino Gazabón A*, Toews N*, Fuentes E*, Maureille B, Xing S, Zanolli C. 2023. Digitization of the cast collection of *Homo erectus* remains from Zhoukoudian, China. *American Journal of Biological Anthropology* 180, S75, p.69-70.
62. Mavuso S, Palcu D, Pickering R, Warren S, **Hammond AS**, Kuo S, Ndiema E, Braun D, Jinnah Z. 2023. Early Pleistocene habitat evolution at Collection Area 13 in the northeastern Turkana Basin, Kenya. South African GeoCongress 2023.
61. **Hammond AS**. 2022. *Oreopithecus* at 150: Where do we stand now? *Plenary talk. Oreopithecus150 Conference* at Museo di Storia Naturale.
60. Munyaka V*, **Hammond AS**, Pitcavage E, Mashaka H, Manthi FK, DiMaggio E, Ambrose S, Kinyanjui R. 2022. Preliminary phytolith data from late Miocene Lemudong’o Formation, southern Kenya. Eastern African Association for Paleoanthropology and Palaeontology Conference.
59. Vecino Gazabón A*, Mongle CS⁺, Cazenave M⁺, St. Hillaire N*, Armendi J, Domínguez-Rodrigo M, **Hammond AS**. 2022. Preliminary analysis of diaphyseal cortical bone structure in eastern and southern African *Paranthropus* femora. Eastern African Association for Paleoanthropology and Palaeontology Conference.
58. Villaseñor A, Uno K, Kinyanjui R, Behrensmeyer AK, Bobe R, Advokaat E, Bamford M, Carvalho S, **Hammond AS**, Palcu DV, Sier M, Ward CV, Braun DR. New middle

Pliocene hominin fossils are locally associated with humid, grassy woodlands amidst regional shifts in aridity. Paleoanthropology Society.

57. Berg E*, **Hammond AS**, Warrener AG, Mitchell MS, Baker SE, Herries A, Strait DS, Orr CM. 2022. Further morphological assessment of a partial hominin pelvis from the site of Drimolen, South Africa. Paleoanthropology Society.
56. Edgar HJ, Dwyer I, **Hammond AS**, Murphy N. 2022. Biological affinities of human skeletal material in the non-Native American collections of the American Museum of Natural History. American Journal of Biological Anthropology 177, S73, p.52.
55. Ward CV, **Hammond AS**, Mongle CS, Grine FE, Lawrence J, Kimbel WH. 2022. Locomotor and taxonomic diversity in Pleistocene hominins from Koobi Fora, Kenya. American Journal of Biological Anthropology 177, S73, p.193-194.
54. Smith CM, **Hammond AS**, Almécija S, Laitman JT. 2022. Comparative morphology of the hominoid inner ear otolith system. American Journal of Biological Anthropology 177, S73, p.170-171.

EARLIER CONFERENCE ABSTRACTS (#s 1-53) AVAILABLE ON REQUEST

INVITED SEMINARS

- 2025 Wellcome Connecting Science
- 2022 University of Florence, (Plenary Speaker)
- 2022 Smithsonian's Museum of Natural History
- 2021 Duke University, Department of Evolutionary Anthropology
- 2021 Leakey Foundation Lunch Break Science Series
- 2021 Harvard Museum of Natural History, Evolution Matters Lecture Series
- 2019 Northeast Evolutionary Primatologists conference (Plenary Speaker)
- 2019 Oxford University, St. Hugh's College, Department of Evolutionary Anthropology
- 2019 Arizona State University, School of Human Evolution and Social Change
- 2019 Penn State University, Department of Anthropology
- 2019 Rutgers University, Center for Human Evolutionary Studies
- 2018 University of Oregon, Department of Anthropology
- 2018 University of Southern California, Division of Human Evolutionary Biology
- 2018 American Museum of Natural History, Department of Anthropology
- 2017 Stony Brook University, Turkana Basin Institute and Department of Anthropology
- 2017 California State University-Sacramento, Department of Biology
- 2017 Paleontological Society of Washington DC
- 2017 New York Institute of Technology, Department of Anatomy
- 2016 New York University, Department of Anthropology
- 2016 Smithsonian's Museum of Natural History, Paleoanthropology Seminar Series
- 2015 University of Central Florida, College of Health and Public Affairs
- 2015 The Johns Hopkins School of Medicine, Center for Functional Anatomy and Evolution
- 2014 University of Connecticut, Department of Anthropology Seminar Series
- 2014 Turkana Basin Institute in Turkwel, Kenya
- 2013 University of Missouri, Department of Pathology and Anatomical Sciences
- 2013 Stony Brook University, Paleobiology Seminar Series
- 2013 University of Missouri School of Medicine Grand Rounds
- 2013 Missouri Life Sciences Spring Seminar Series

FIELDWORK

Lemudong'o and southern Kenyan Rift localities (2019, 2022, 2023). Directors: AS Hammond, FK Manthi
Nakali, Kenya (2018). Directors: M Nakatsukasa, Y Kunitatsu
Allia Bay localities, East Turkana, Kenya (2017, 2018). Director: AS Hammond
Koobi Fora Field School (2016-2019). Directors: DR Braun, E Ndiema
Can Llobateres in Vallès-Penedès Basin, Spain (2012, 2014). Director: DM Alba
Castell de Barberà in Vallès-Penedès Basin, Spain (2014). Director: S Almécija
Pleistocene of East Turkana, Kenya (2009). Director: MG Leakey
Swarthkrans and Limpopo Archaeological Field School, South Africa (2005). Director: K Kuman

MENTORING

My core mentoring activities are with my lab group, which is comprised of postdocs, PhD students, and trainees on fellowships.

Postdoctoral Fellows

Dr. Marta Pina (2025-present), Beatriu de Pinós fellowship
Dr. Samar Syeda (2024-present), RGGS fellowship
Dr. Deming Yang (2023-2025)
Dr. Chris Smith (2023-2025; co-supervised)
Dr. Marine Cazenave (2022-2024)
Dr. Kelsey Pugh (2020-2023; co-supervised)
Dr. Carrie Mongle (2019-2021)

PhD Students

Ariel Barrera (2022-present, dissertation co-supervisor), CUNY
Nick Post (2022-present, dissertation supervisor), RGGS
Alessandra Vecino Gazabón (2021-present, dissertation supervisor), RGGS

Other Graduate Committees

Alexandra Idso (2025-present), CUNY
Johanna Krueger (2020-present), Universitat Pompeu Fabra
Ernesto Vargas-Parra (2020-2024), RGGS
Lawrence Fatica (2017-2021), The George Washington University
Vance Powell (2015-2018), The George Washington University

Students in Residence (Fellowship, Undergraduate, Postbaccalaureate)

Alexandria Sambrano (2024; REU AMNH-Bio)
Eva-Merce Fuentes (2022-2024; intern and research assistant)
Nina St. Hillaire (2021; REU AMNH-Bio)
Lucrecia Aguilar (2019-2020; Helen Fellow)

Internships and Other Mentoring

Liya Samuel (2025), AMNH intern

Thomas Barker (2024), AMNH intern
Thomas Salerno (2019-2020), AMNH intern
Sahleselasie Melaku (2019), Koobi Fora Field School
Leah Myerholtz (2019), Koobi Fora Field School
Rowan Sherwood (2019), Koobi Fora Field School
Natalie Toews (2019), AMNH intern
Kathryn Lauria (2018-2019), AMNH intern
Alysha Anaya (2018-2019), AMNH postbac student
Christopher Smith (2018), Koobi Fora Field School
Kaita Gurian (2018), Koobi Fora Field School
Laura Hunter (2017), Koobi Fora Field School
Elly Cordiner (2016-2018), George Washington University intern
Susanna Israelsson (2016-2018), George Washington University intern
Ben Thompson (2016), Koobi Fora Field School
Julia Arenson (2016), Koobi Fora Field School
Kristina Bezdickova (2015), Stony Brook University intern
Tatianna Branch-Ralston (2015), Stony Brook University intern
Nicole Olakkengil (2014), Stony Brook University intern

TEACHING AND EDUCATIONAL ACTIVITIES

COURSES TAUGHT

Instructor on record for RGGS students taking NYU human gross anatomy (2023)
Co-instructor, “New approaches to hominoid phylogenetics,” RGGS (2023)
Co-instructor, “Applied Research Methods: Long bone internal structure,” RGGS (2022)
Co-instructor, “RGGS Comparative Biology Seminar”, AMNH (2018-2020)
Instructor and Research Mentor, Koobi Fora Field School (2016-2019)
Instructor, “Human Functional Anatomy”, The George Washington University (2018)
Co-instructor, “Structure and Function”, Howard University, College of Medicine (2015-2016)
Co-instructor, “Regional Human Gross Anatomy”, Stony Brook University, School of Health Technology and Medicine (2013-2014)
Instructor, “Research in Ecology and Evolution”, Stony Brook University (2015)
Teaching Assistant, “Human Gross Anatomy for Health Professions”, University of Missouri (2011)
Teaching Assistant, “Integrated Morphology 1 and 2”, Florida Atlantic University, College of Medicine (2006-2008)
Teaching Assistant, “Human Gross Anatomy”, University of Miami, School of Medicine (2007)
Teaching Assistant, “Human Gross Anatomy”, Florida Atlantic University (2007)

PANELS AND PROGRAMS

Program Committee, American Association of Physical Anthropologists (2017, 2019, 2020)
Program Organizer, Koobi Fora Field School Annual Conference and Workshop, hosted by the American Museum of Natural History (2018, 2019) and George Washington University (2022, 2023)
Panelist, “Improving access to pre-graduate school field research experiences”, hosted by American Association of Physical Anthropologists (2020) [COVID-19 canceled]

Chair, “Hominin Environments, Diet, and Behavior” poster session, American Association of Physical Anthropologists (2019)
Chair, “Genus *Homo*” poster session, American Association of Physical Anthropologists (2018)
Symposium proposal co-organizer (with K. Baab and M. O’Neill) for ‘The Evolution of Form and Function in the Hominin Pelvis’, American Association of Physical Anthropologists Conference (2017)

SCIENCE COMMUNICATION AND OUTREACH (list not comprehensive)

Lucy 50th anniversary interviews for AMNH, Scientific American, and Smithsonian Magazine
Spitzer Hall of Human Origins renovation (2023-2024)
AMNH K-12 student and K-12 educator programs (2022, 2025)
Science After Hours (2022)
Scientific Advisor on the Hall of Human Origins Covid-19 pandemic video (2021-22)
Ask a Curator Day representative for AMNH (2021)
YouTube Live for AMNH Human Origins during Covid-19 closure (2020)
Presentation/tour of the Hall of Human Origins for AMNH Facebook Live (2019)
Co-host of the Leakey Foundation-sponsored SciCafe (2019)
Presentation/tour for AMNH Patron’s Circle “Human Origins” Event (2019)
NPR Marketplace (2019) “How to be a...”
CUNY TV Science Goes To The Movies! (2018). Episode: Mowgli
AMNH Sackler Educational Laboratory public event on field research (2018, 2019)

PROFESSIONAL MEMBERSHIPS

American Association of Biological Anthropology (AAPA/AABA, 2008-current)
East African Association of Paleoanthropology and Paleoecology (EAAPP, 2019-current)
European Society for the Study of Human Evolution (ESHE, 2017-current)
Paleoanthropology Society (2006-2019)
American Association of Anatomists (AAA, 2011-2018)
Society for Integrative and Comparative Biology (SICB, 2014-2015, 2021)
Society for Vertebrate Paleontology (SVP, 2010-2013)
American Association for the Advancement of Science (AAAS, 2016-2017)

SERVICE

Chair, AMNH Division of Anthropology (2022-2025)

COMMITTEES

[ICP] Researchers Commission (2025-present)
[Science] Advancements & Promotions Committee (2023-2025)
[Senate] Executive Committee (2020-present); serving as Vice Chair 2022-2024
[Senate] Finance and Compensation Committee (2021-2022)
[Senate] Development, Diversity, and Equity Committee (2018-2024)
[Senate] Science Support Committee (2022)
[RGGS] Academic Affairs and Fellowships Committee (2018-2022; alternate in 2024)

[RGGs] Comparative Biology PhD Program Committee (2021-2023)
 [RGGs] NYCEP Governance Steering Committee (2022-2025)
 [Division of Anthropology] James Arthur Lecture Planning Committee (2019-2025)
 [Division of Anthropology] Cultural Resources Committee (2018-2025)
 [Division of Anthropology] Collections Committee (2018-2025)
 [Science ad hoc] Recruitment Procedures advisory committee (2023)
 [Science ad hoc] Human Remains Rehousing Steering Committee (2023-2025)
 [Science ad hoc] Presidential Search Advisory Committee (2022-2023)
 [Science ad hoc] Mowachaht/Muchalaht First Nation repatriation request (2024)
 [Science ad hoc] K'ómoks First Nation repatriation request (2024)
 [Science ad hoc] U'mista Cultural Society repatriation request (2023)
 [Science ad hoc] Inwood/BRC/Dykman repatriation request (2023-2024)
 [Science ad hoc] Ogala Sioux/Wounded Knee repatriation request (2024)
 [Science ad hoc] Katzie First Nation repatriation request (2024)
 [Science ad hoc] Marshall Islands repatriation request (2024)
 [Science ad hoc] Kaaya family repatriation request (2024)
 [Science ad hoc] Ancient Biomolecules Curator Search (2023-2024)
 [Science ad hoc] Chair, Sociocultural Curator Search (2022-2023)
 [Science ad hoc] Dinosaur Paleontology Job Search Committee (2021-2022)
 [Science ad hoc] Comparative Biology Advisory Committee (2018-2020)
 [Science ad hoc] Invisible Worlds Advisory Committee (2018-2020)
 [Science ad hoc] Cultural Representation Committee (2022-2024)
 [AABA Executive Committee] Chair of the History and Honors Committee (2024-2026)
 [AABA] Presidential Panel on Harassment Steering Committee (2015-2016)
 [AABA] Student Meet and Greet Committee (founder and co-chair) (2016)
 [AABA Executive Committee] Early Career Mentee (2015-2016)
 [AABA] Anatomy in Anthropology Student Award Committee (2015)
 [ICVM] Exhibitors Committee, International Congress of Vertebrate Morphology (2016)
 [GWU] Diversity in Science steering committee, GWU Department of Anthropology (2015-2016)