

**ASHLEY S. HAMMOND**  
American Museum of Natural History  
Division of Anthropology  
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### **CURRENT APPOINTMENTS**

Assistant Curator of Biological Anthropology, Division of Anthropology, American Museum of Natural History (AMNH), 2018-present  
Assistant Professor, Richard Gilder Graduate School (RGGS), 2018-present  
Adjunct Assistant Professor, City University of New York (CUNY), 2018-present  
Faculty, New York Consortium in Evolutionary Primatology (NYCEP), 2018-present  
Research Affiliate, Department of Anthropology, George Washington University, 2018-present  
Research Associate, Smithsonian Institution, Human Origins Program and Department of Anthropology, 2017-present

### **AREAS OF SPECIALIZATION**

Paleoanthropology, functional morphology, evolutionary anatomy, locomotion

### **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

### **PREVIOUS APPOINTMENTS**

Visiting Assistant Professor, Center for Advanced Study of Human Paleobiology (CASHP), Department of Anthropology, George Washington University, 2017-2018  
Postdoctoral Scientist, Center for Advanced Study of Human Paleobiology (CASHP), Department of Anthropology, George Washington University, 2015-2017  
Instructor, Department of Anatomy, Howard University, 2015-2016  
Research Instructor, Department of Anatomical Sciences, Stony Brook University, 2013-2015

### **FUNDING**

**National Science Foundation** (\$459,974), “Collaborative Research: NRT-URoL: Making a Primate - Integrating across disciplines to improve the science of phenotype prediction and increase diversity in evolutionary biology.” (*Pending; 2022-2027*)  
AMNH PI: AS Hammond.  
**National Science Foundation** (\$299,846; NSF 1852441), “Collaborative Research: REU Site: Past and Present Human-Environment Dynamics.” 2019-2022  
PIs: DR Braun, AS Hammond.  
**National Geographic Foundation** (\$29,994), “Searching for 6 Myr old hominins in the southern Rift Valley, Kenya.” 2019-2021  
PI: AS Hammond.

**Constantine S. Niarchos Expedition Fund** (\$49,802), “Searching for the earliest hominins in the southern Rift Valley, Kenya.” 2019-2020  
PI: AS Hammond.

**Long Island University Catalyst Grant** (\$9,000), “Trabecular architecture comparison of human tali from populations that experience different ankle loading.” 2019-2021  
*[currently suspended due to COVID-19]*  
PIs: M Barak, AS Hammond.

**American Association of Physical Anthropologists Professional Development Grant** (\$5,000), “Hominoid-like fossils from the late Oligocene of Kenya.” 2017-2018  
PI: AS Hammond.

**Wenner-Gren Foundation** (\$16,350), “The hominid pelvis: Testing alternative evolutionary hypotheses for the Pan-hominin LCA pelvis shape.” 2016-2017  
PI: AS Hammond; Co-PIs: S Almécija, JB Smaers.

**L.S.B. Leakey Foundation** General Research Grant (\$8,952), “Reconstructing phenotypic change in the pelvis of apes and humans.” 2015-2016  
PI: AS Hammond; Co-PI: S Almécija.

**National Science Foundation** (\$15,765; BCS 1232393), “DDIG: Novel 3D analysis of hip joint mobility and the evolution of locomotor abilities in Miocene hominoids.” 2012-2013  
PIs: CV Ward, AS Hammond.

**Wenner-Gren Foundation** (\$3,820 accepted, \$20,000 offered), “Fossil evidence for hip joint mobility and the evolution of suspensory locomotor abilities in hominoids.” 2012-2013  
PI: AS Hammond.

**L.S.B. Leakey Foundation** General Research Grant (\$12,300), “Novel 3D analysis of Miocene hominoid hip joint mobility.” 2012-2013  
PI: AS Hammond.

#### ACTING AS SENIOR PERSONNEL

**Spanish Ministerio de Ciencia E Innovación** (181,500 €), “The Cenozoic primates from the Iberian Peninsula and their contribution to the reconstruction of the evolutionary history of the group.” 2021-2024.  
PI: S Moyà-Solà.

**L.S.B. Leakey Foundation** General Research Grant (\$19,276), “Re-evaluating human evolution: The role of postcranial data in reconstructing hominin evolutionary relationships.” 2020-2022  
PI: Carrie Mongle; Senior Personnel: AS Hammond.

**Wenner-Gren Foundation** (\$18,878), “Phylogenetic inference in hominoids using multiple hard-tissue 3D morphologies.” 2017-2019  
PI: S Almécija; Senior Personnel: SA Catalano, PA Goloboff, AS Hammond.

**Spanish Ministerio de Economía y Competividad** (205,700 €), “Evolutionary history of Paleogene and Neogene Iberian primates.” 2012-2014  
PI: S Moyà-Solà.

#### UNFUNDED GRANTS DURING TENURE PERIOD

declined **National Science Foundation** (\$539,813), “CAREER: Discovery, interpretation, and dissemination of hominin origins.” July 2020 submission.  
PI: AS Hammond.

- withdrawn **National Science Foundation** (\$1,695,096), “MRI: Acquisition of an X-ray microscope instrument for advanced specimen-based organismal research.” January 2020 submission.  
PIs: AS Hammond, N Simmons, M Hopkins, M Norell.
- declined **National Science Foundation** (\$123,724), “Investigation of Paleolithic sites on the Red Sea coast of Sudan.” July 2019 submission.  
PI: A Beyin, LA Owen; Senior Personnel: PR Chauhan, KT Uno, AS Hammond.

## PEER-REVIEWED PUBLICATIONS

Reverse chronological order

\* Student authors who were working under my mentorship

+Postdoc authors who were working under my mentorship

33. Grine F, Mongle C<sup>+</sup>, Fleagle JG, **Hammond AS**. (submitted) The taxonomic attribution of early African hominin postcrania: associations and assumptions. *Journal of Human Evolution*.
32. Aguilar LK\*, Collins CE, Ward CV, **Hammond AS**. (in review) Pathways to primate hip function. *Proceedings of the Royal Society B*.
31. Powell V\*, Barr WA, **Hammond AS**, Wood BA. (in revision) Behavioral and phylogenetic correlates of extant anthropoid limb proportions. *Journal of Human Evolution*.
30. **Hammond AS**, Mongle C<sup>+</sup>. (accepted) *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.
29. Almécija S, **Hammond AS**, Thompson NE, Pugh KD<sup>+</sup>, Moyà-Solà S, Alba DM. 2021. Fossil apes in human evolution. *Science* 372: eabb4363.
28. **Hammond AS**, Mavuso SS\*, Biernat M, Braun DR, Jinnah Z, Kuo S<sup>+</sup>, 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.
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.
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.
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.
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.
23. Shearer BM, Muchlinksy MN, **Hammond AS**. 2019. Large pelvic tubercle in orangutans relates to the adductor longus muscle. *PeerJ* 7: e7273.
22. **Hammond AS**, Foecke K\*, Kelley J. 2019. Hominoid anterior teeth from the late Oligocene site of Losodok, Kenya. *Journal of Human Evolution* 128: 59-75.

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.
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.
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.
18. **Hammond AS**, Royer DF, Fleagle JG. 2017. The Omo-Kibish I pelvis. *Journal of Human Evolution* 108: 199-219.
17. **Hammond AS**, Almécija S. 2017. Lower ilium evolution in apes and hominins. *Anatomical Record (Special Issue)* 300: 828-844.
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.
15. **Hammond AS**, Johnson VP\*, Higham JP. 2017. Hip joint mobility in free-ranging rhesus macaques. *American Journal of Physical Anthropology* 162: 377-384.
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.
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.
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.
11. **Hammond AS**. 2016. The anthropoid crista trochanterica and the hip joint capsule. *Anatomical Record* 299: 60-69.
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.
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.
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.
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.
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.
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.

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.
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.
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.
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.

#### OTHER PUBLICATIONS AND INVITED CONTRIBUTIONS

8. **Hammond AS**. (accepted) *Ashley Hammond*. In: Humans: Perspectives on our past, present, and future from the world experts. Columbia University Press.
7. **Hammond AS**. (accepted) What is the evidence for human evolution? Essay for AMNH Seminars on Science.
6. **Hammond AS**. (accepted) Ancient Bones by M Böhme, R Braun, F Breier [book review]. *American Journal of Physical Anthropology*.
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.
4. **Hammond AS**. 2018. Chimpanzee past, present, and yet-to-come. The New Chimpanzee by C Stanford [book review]. *Evolutionary Anthropology* 27: 176-177.
3. Ward CV, **Hammond AS**. 2016. *Australopithecus* and Kin [invited contribution]. *Nature Education Knowledge* 7 (31): 1.
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.
1. **Hammond AS**. 2015. Primate Comparative Anatomy by DL Gebo [book review]. *The Quarterly Review of Biology* 90: 339.

#### CONFERENCE PRESENTATIONS

Reverse chronological order

\* Student authors who were working under my mentorship

+Postdoc authors who were working under my mentorship

49. Lawrence AB\*, **Hammond AS**, Ward CV. 2021. Acetabular orientation in hominins and other anthropoids. *American Association of Anatomists, The FASEB Journal*, 35, S31.
48. **Hammond AS**, Kuo S<sup>+</sup>, Braun DR, Palcu D, Mavuso S\*. 2021. KNM-ER 2598: site context and new fossils. *American Association of Physical Anthropologists*. [COVID “throwback session”]
47. Lawrence AB\*, **Hammond AS**, Ward CV. 2021. Acetabular orientation and pelvic form in hominins and other anthropoids. *American Journal of Physical Anthropology*, S71, p. 60.
46. Aguilar L\*, Collins C, **Hammond AS**. 2021. Predicting primate hip function based on bony morphology using path analysis. *Society for Integrative and Comparative Biology*. *Finalist in the Karel F. Liem Best Student Poster competition*.
45. Lawrence AB\*, **Hammond AS**, Ward CV. 2021. Acetabular orientation and pelvic shape in hominins. *Society for Integrative and Comparative Biology*.

44. Lawrence AB\*, **Hammond AS**, Ward CV. 2020. Acetabular orientation in hominins. *Paleoanthropology Society program*, p. 3.
43. **Hammond AS**, Kuo S<sup>+</sup>, Braun DR, Palcu D, Mavuso S\*. 2020. KNM-ER 2598: site context and new fossils. *American Journal of Physical Anthropology*, 171, S69, p. 113.
42. Villaseñor A, Braun DR, Uno K, Advokaat E, Bamford M, Behrensmeyer AK, Bobe R, Carvalho SC, **Hammond AS**, Kinyanjui R, Palcu D, Sier M, Ward CV. 2020. New Pliocene hominin specimens from East Turkana are associated with extensive C<sub>4</sub> resources. *American Journal of Physical Anthropology*, 171, S69, p. 297.
41. Braun DR, Carvalho S, Bobe R, Uno K, Palcu D, Baraki N, **Hammond AS**, Advokaat E, Sier M, Ward CV, Harris JWK, Wynn JT, Behrensmeyer AK, Villaseñor A, Bamford M, Patterson D. 2020. Plio-Pleistocene hominin tool use and its context in the Koobi Fora Formation. *American Journal of Physical Anthropology*, 171, S69, p. 35.
40. Myerholtz L\*, **Hammond AS**, Smith C\*, Kuo S<sup>+</sup>. 2020. Faunal abundances in Area 13 from the Upper Burgi Member of East Turkana. *American Journal of Physical Anthropology*, 171, S69, p. 194.
39. Melaku S\*, **Hammond AS**, Uno K, Patterson D, Biernat M. 2020. Paleoecological context of early *Homo erectus* from the Omo-Turkana Basin: Insights from stable isotopes. *American Journal of Physical Anthropology*, 171, S69, p. 183.
38. Sherwood R\*, **Hammond AS**, Forrest F. 2020. Testing East Turkana bovid mortality profiles using site-specific data. *American Journal of Physical Anthropology*, 171, S69, p. 259-260.
37. **Hammond AS**. 2019. Meeting the Last Common Ancestor: fieldwork, relatives, and modeling approaches. *Plenary talk*. Northeast Evolutionary Primatology Conference.
36. Kivell TL, Lague ML, Tocheri MW, Dowhos JL, **Hammond AS**, Gichunge T, Nadal L, Rondeau ME, Leakey LN, Leakey MG, Jungers WL. 2019. Partial hominin upper limb skeleton (KNM-ER 64062) from Ileret, Kenya (1.8 Ma). *European Society of Human Evolution*.
35. **Hammond AS**, Rook L, Moyà-Solà S, Almécija S. 2019. The *Oreopithecus bambolii* (IGF 11778) lumbar region: Revised anatomy. *American Journal of Physical Anthropology*, 168, S68, p. 96-97.
34. Gurian K\*, Cordiner E\*, **Hammond AS**, Forrest F. 2019. A preliminary study of bovid mortality profiles in East Turkana, Kenya. *American Journal of Physical Anthropology*, 168, S68, p. 94.
33. Smith CM\*, Biernat M, Patterson D, **Hammond AS**. 2019. The localized environment of early *Homo erectus* in East Turkana, Kenya. *American Journal of Physical Anthropology*, 168, S68, p. 232.
32. **Hammond AS**, Almécija S, Rook L, Libsekal Y, Macchiarelli R. 2018. A modern human-like one million-year-old partial pelvis from Buia, Eritrea. *Paleoanthropology Society*, p. 8.
31. **Hammond AS**, Hunter L\*, Thompson B\*, Cordiner E\*, Biernat M, Barr WA, Braun DR. 2018. Morphology and context of a new early *Homo* mandible from Koobi Fora, Kenya. *American Journal of Physical Anthropology*, 165, S66, p. 111.
30. Fatica LM\*, **Hammond AS**, McFarlin SC, Almécija S. 2018. Morphological variation in the pelvis of gorilla subspecies may not track ecomorphological predictions. *American Journal of Physical Anthropology*, 165, S66, p. 82.
29. O'Brien K\*, McGrosky A, Allen K\*, Anderson L\*, Biernat M, Braun DR, Guerrero A\*, **Hammond AS**, Hunter L\*, Seckinger J\*, Torres F, Zeller RB\*, Patterson DB, Zerihun

- D\*. 2018. Early Pleistocene grassland evolution at East Turkana, northern Kenya, as indicated by shifting patterns of mesic and xeric adapted mammals. *American Journal of Physical Anthropology*, 165, S66, p. 191.
28. Shearer BM\*, Muchlinks MN, **Hammond AS**. 2018. Unique features of pelvic brim morphology and associated musculature in orangutans. *American Journal of Physical Anthropology*, 165, S66, p. 250.
27. Muchlinski MN, Hartstone-Rose A, **Hammond AS**. 2018. The *ligamentum teres femoris* is present in some infant orangutans. *American Journal of Physical Anthropology*, 165, S66, p. 183.
26. Reda Hailu W\*, Biernat M, Braun DR, **Hammond AS**, Patterson DB, Barr WA. 2017. Pleistocene paleoenvironments of the Koobi Fora Formation based on bovid mesowear and abundance analyses. *East African Association for Paleoanthropology and Paleontology*.
25. Benitez L\*, Llera C\*, Biernat M, Braun DR, **Hammond AS**, Patterson DB, Barr WA. 2017. The implications of faunal abundance for Pleistocene paleoenvironments in the Turkana Basin, northern Kenya. *Paleoanthropology Society abstracts book*, p. 2-3.
24. **Hammond AS**, Royer D, Fleagle JG. 2017. Omo-Kibish pelvic morphology and implications for body form in the earliest modern humans. *American Journal of Physical Anthropology*, 162, S64, p. 209.
23. Baab KL, O'Neill MC, **Hammond AS**, Jungers WL. 2017. Comparative morphometric analysis and digital reconstruction of the *Homo floresiensis* pelvis. *American Journal of Physical Anthropology*, 162, S64, p. 106.
22. Thompson B\*, Arenson J\*, Biernat M, Barr WA, Reeves J\*, Braun DR, **Hammond AS**. 2017. A preliminary study of primate abundance in East Turkana collection areas relative to outcrop size. *American Journal of Physical Anthropology*, 162, S64, p. 380.
21. Enny A\*, Biernat M, Braun DR, Hailu W\*, **Hammond AS**, Patterson DB, Barr WA. 2017. Exploring the impact of collection strategies on interpretations of faunal abundance: a study from the Koobi Fora Formation (Pleistocene, northern Kenya). *American Journal of Physical Anthropology*, 162, S64, p. 173.
20. Llera C\*, Benitez L\*, Biernat M, Braun DR, **Hammond AS**, Patterson DB, Barr WA. 2017. Subregion-scale heterogeneity in bovid abundance in the Koobi Fora Formation (Pleistocene, northern Kenya). *American Journal of Physical Anthropology*, 162, S64, p. 265.
19. **Hammond AS**, Seiffert ER. 2016. A hominoid-like femur from the late Oligocene of Kenya. *American Journal of Physical Anthropology*, 159, S62, p. 167-168.
18. Almécija S, Moyà-Solà S, Alba DM, **Hammond AS**, Tallman ME, Jungers WL. 2016. Mosaic and homoplastic evolution of the hominoid skeleton precludes 'overall' ancestral reconstructions based on single-taxon models. *American Journal of Physical Anthropology*, 159, S62, p. 78
17. **Hammond AS**, Olakkengil NP\*, Almécija S. 2015. A preliminary study of femoral and pelvic shape covariation in anthropoids. *American Journal of Physical Anthropology*, 156, S60, p. 158-159.
16. Ward CV, Peacock SJ, Winkler ZJ\*, **Hammond AS**, Maddux SD. 2015. Torso form and locomotion in anthropoid primates. *Society for Integrative and Comparative Biology, Abstract Book* p. 339.
15. **Hammond AS**, Plavcan JM, Ward CV. 2014. Can morphological variables be used to predict hip joint function? An examination of the anthropoid proximal femur and range of

- abduction. American Association of Anatomists Platform Award Session. The FASEB Journal, 28, Supplement 919.10.
14. Winkler ZJ\*, Ward CV, **Hammond AS**. 2014. Iliac orientation and locomotor behavior in anthropoid primates. American Journal of Physical Anthropology, 153, S58, p. 275.
  13. **Hammond AS**. 2014. Significantly larger hip joint abduction and external rotation abilities increases the hindlimb spatial envelope in suspensory anthropoids. American Journal of Physical Anthropology, 153, S58, p. 135.
  12. **Hammond AS**, Alba DM, Almécija S, Moyà-Solà S. 2013. Middle Miocene hominid *Pierolapithecus* provides insight into early hominid pelvic morphology. Paleoanthropology Society annual meeting program, p. 2.
  11. **Hammond AS**, Plavcan JM, Kordos L, Begun DR, Ward CV. 2013. *In vivo*-validated digital models of hip joint range of motion applied to fossil hominoids. American Journal of Physical Anthropology, 150, S56, p. 142.
  10. **Hammond AS**. 2012. Evidence for suspensory locomotor adaptations in a Late Miocene fossil ape based on *in vivo*-validated models of hip joint abduction. Romer Prize Symposium. Supplement to the online Journal of Vertebrate Paleontology, 106.
  9. **Hammond AS**, Plavcan JM, Ward CV. 2012. Precision and accuracy of acetabular size measures in fragmentary Plio-Pleistocene hominin pelvises obtained using digital sphere-fitting techniques. American Journal of Physical Anthropology 147, S54, p.159-160. Earnest A. Hooton Award Winner.
  8. **Hammond AS**, Plavcan JM, Ward CV. 2011. Hindlimb morphology and hip postures in catarrhine primates. American Journal of Physical Anthropology 144, S52, p. 155.
  7. Ward CV, Plavcan JM, **Hammond AS**, Feibel C, Spoor F, Leakey LN, Leakey MG. 2011. A new hominin pelvis and femur from Koobi Fora, Kenya. American Journal of Physical Anthropology 144, S52, p. 305.
  6. **Hammond AS**, Koscielniak NJ\*, Plavcan JM, Ward CV. 2010. 3D analysis of primate hindlimb joints: reconstructing positional abilities in extinct primates. Invited Symposium. Supplement to the online Journal of Vertebrate Paleontology, 101A.
  5. Ward CV, **Hammond AS**, Plavcan JM, Begun DR, Kordos L. 2010. Hip joint morphology and hominoid evolution: from quadrupedal to suspensory to bipedal locomotion. Invited Symposium. Supplement to the online Journal of Vertebrate Paleontology, 184A.
  4. **Hammond AS**, Plavcan JM, Ward CV. 2010. Novel 3D analysis of the proximal femur and hip joint function in living and fossil anthropoids. Invited Symposium. American Journal of Physical Anthropology 141, S50, p. 121-122.
  3. Ning J, Congdon KA, **Hammond AS**, Ravosa MJ. 2010. This little piggy went running, that little piggy stayed home: a forelimb perspective of limb loading. American Journal of Physical Anthropology 141, S50, p. 178.
  2. **Hammond AS**, Ning J, Ward CV, Ravosa MJ. 2009. Mammalian limb loading and chondral modeling during ontogeny. American Journal of Physical Anthropology 138, S48, p. 144.
  1. McCarthy RC, **Hammond AS**, Yates F, Lieberman P. 2008. Voices Out of the Past: Synthesizing Neanderthal Speech. American Journal of Physical Anthropology 135, S46, p. 151-152.

## TEACHING AND ADVISING

### POSTDOCTORAL FELLOWS

Dr. Carrie Mongle (2019-2021), American Museum of Natural History



Dr. Kelsey Pugh (2020-present), American Museum of Natural History

#### GRADUATE COMMITTEES

Johanna Krueger (2020-present; dissertation), Universitat Pompeu Fabra Barcelona

Lesley Eason (2021-present; dissertation), University of Arkansas

Ernesto Vargas-Parra (2020-present, dissertation), RGGGS

Lawrence Fatica (2017-2021, dissertation), The George Washington University

Vance Powell (2015-2018, dissertation), The George Washington University

#### KOOBI FORA FIELD SCHOOL STUDENTS

2021: *[fieldwork canceled due to COVID]*

2020: *[fieldwork canceled due to COVID]*

2019: Sahleselasie Melaku, Leah Myerholtz, Rowan Sherwood

2018: Christopher Smith, Kaita Gurian

2017: Laura Hunter

2016: Ben Thompson, Julia Arenson

#### OTHER MENTORING WHILE AT AMNH

Nina St. Hillaire (2021), Bio-REU student

Austin Lawrence (2019-present), University of Missouri, remote mentor w/ Dr. Carol Ward

Ellie Gustafson-Berg (2020-2021), University of Colorado, remote mentor w/ Dr. Caley Orr

Lucrecia Aguilar (2019-2020), Helen Fellow

Dr. Vanessa Campanacho (2019), volunteer

Alessandra Vecino-Gazabon (2019), intern

Thomas Salerno (2019-2020), intern

Natalie Toews (2019), intern

Kathryn Lauria (2018-2019), intern

#### COURSE INSTRUCTOR

Instructor, “RGGGS Comparative Biology Seminar” (RGGGS 703), AMNH (2018-2020)

Instructor, “Paleoanthropology”, “Paleoecology”, and “Taphonomy”, Koobi Fora Field School (2016-2019)

Instructor, “Human Functional Anatomy” (ANTH 3401), The George Washington University (2018)

Co-instructor, “Structure and Function”, Howard University, College of Medicine (2015-2016)

Co-instructor, “Regional Human Gross Anatomy” (HBA 461/561/540), Stony Brook University, School of Health Technology and Medicine (2013-2014)

Instructor, “Research in Ecology and Evolution” (BIO 489), Stony Brook University (2015)

Teaching Assistant, “Human Gross Anatomy for Health Professions” (PTH\_AS 7222), University of Missouri, School of Health Professions (2011)

Teaching Assistant, “Integrated Morphology 1 and 2” (BMS6102, BMS6104), Florida Atlantic University, Schmidt College of Medicine (2006-2008)

Teaching Assistant, “Human Gross Anatomy”, University of Miami, Miller School of Medicine (2007)

Teaching Assistant, “Human Gross Anatomy” (PCB 6933), Florida Atlantic University, College of Biomedicine (2007)

## **FIELDWORK**

Late Miocene Southern Kenyan Rift (2019). Directors: AS Hammond, FK Manthi Nakali, Kenya (2018). Directors: M Nakatsukasa, Y Kunimatsu  
Allia Bay localities, East Turkana, Kenya (2017, 2018). Directors: DR Braun, 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  
Swartkrans and Limpopo Archaeological Field School, South Africa (2005). Director: K Kuman

## **INVITED SEMINARS**

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  
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 Institution's 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

## **PROFESSIONAL MEMBERSHIPS**

American Association of Physical Anthropology (AAPA, 2008-2021)  
Paleoanthropology Society (2006-2019)  
East Africa Association of Paleoanthropology and Paleoecology (EAAPP, 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)  
European Society for the Study of Human Evolution (ESHE, 2017-2020)

## SERVICE

### COMMITTEES

[Senate] Executive Committee (2020-present)  
[Senate] Finance and Compensation Committee (2021-present)  
[Senate] Development, Diversity, and Equity Committee (2018-present)  
[RGGGS/Science] Academic Affairs and Fellowships Committee (2018-present)  
[RGGGS/Science] Comparative Biology Advisory Committee (2018-2020)  
[Division of Anthropology] James Arthur Lecture Planning Committee (Chair; 2019-present)  
[Division of Anthropology] Cultural Resources Committee (2018-present)  
[Division of Anthropology] Loans Committee (2018-present)  
[AMNH] Invisible Worlds Advisory Committee (2018-2020)  
Presidential Panel on Harassment Steering Committee, American Association of Physical Anthropologists (2015-2016)  
Student Meet and Greet Committee (founder and co-chair), American Association of Physical Anthropologists (2016)  
Exhibitors Committee, International Congress of Vertebrate Morphology (2016)  
Diversity in Science steering committee, GWU Department of Anthropology (2015-2016)  
AAPA Executive Committee Early Career Mentee (2015-2016)  
AAPA/AAA Anatomy in Anthropology Student Award Committee (2015)

### PANELS AND PROGRAMS

Program Committee, American Association of Physical Anthropologists (2017, 2019, 2020)  
Program Organizer, Koobi Fora Field School Annual Conference and Workshop, hosted at the American Museum of Natural History (2018, 2019)  
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)

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)