

C. KINLEY RUSSELL

Curriculum Vitae

Center for Functional Anatomy and Evolution
The Johns Hopkins University School of Medicine

Email: kinley.russell@jhmi.edu
Website: www.kinleyrussell.com

EDUCATION

- Ongoing Ph.D., Functional Anatomy and Evolution,
The Johns Hopkins University School of Medicine
- 2015 M.A., Anthropology (Human Skeletal Biology),
New York University
Thesis: "Size-related and Demographic Effects on the Morphology
of the Lateral Meniscal Notch of the Proximal Tibia"
Advisor: Terry Harrison, Reader: Susan Antón
- 2015 Advanced Certificate, Museum Studies,
New York University
Thesis: "Southern Apes: Human Evolution in North Carolina Science
Museums"
Advisor: Victoria Cain
- 2008 A.B., Anthropology (Biological Anthropology),
Harvard University

PROFESSIONAL POSITIONS

- 2013-2017 Curator, Anatomical Teaching Collection. NYU College of Dentistry.
- 2012-2017 Anthropology Educator. American Museum of Natural History.
- 2008-2016 Natural Science Faculty. North Carolina Governor's School.
- 2007 Teaching Assistant/Counselor. North Carolina Governor's School.
- 2005-2008 Library Assistant, Houghton Library. Harvard University.

CONFERENCE PRESENTATIONS

- 2023 **C.K. Russell.** Variation in Human Meniscal Root Orientation. *Developmental Dynamics* (supplement, in press). Annual Meeting of the American Association for Anatomy; Washington, DC. [Poster]
- 2022 **C.K. Russell.** Are Surface Models Obtained Using Different Methodologies Comparable? *The FASEB Journal* 36(S1). [Poster]
- 2022 **C.K. Russell.** Variation in Lateral Meniscal Insertion Anatomy in the Human Knee. *Am. J. Phys. Anthropol.* 177(S73): 157. [Podium]
- 2021 **C.K. Russell,** D.S. Gleiber, D.J. Wescott, D.L. Cunningham, & A.D. Sylvester. Trabecular Mapping: Effects of Intra- and Interobserver Error on Sliding Semilandmark Placement. *Am. J. Phys. Anthropol.* 171(S69): 241. [Poster]
- 2020 **C.K. Russell & J.M.G. Perry.** Vascular Supply of Digit III and Foraging in the Aye-Aye (*Daubentonia madagascariensis*). *The FASEB Journal* 34(1-1). [Poster]
- 2019 **C.K. Russell,** D.L. Cunningham, D.J. Wescott, D.S. Gleiber, & A.D. Sylvester. Sensitivity of Trabecular Mapping to Sliding Semilandmark Placement. *The FASEB Journal* 33(1_supplement): 612.13 [Poster]
- 2019 **C.K. Russell,** C.B. Ruff, & C.S. Larsen. Reconstructing Mobility and Workload in Guale Populations from the Georgia Coast. *Am. J. Phys. Anthropol.* 168(S68): 211. [Poster]
- 2019 D.S. Gleiber, D.L. Cunningham, D.S. Wescott, **C.K. Russell,** & A.D. Sylvester. Investigating the Effect of Obesity in Trabecular Structure of the Proximal Tibia: Traditional and Sliding Semilandmark Methods. Tomography for Scientific Advancement (ToScA) North America Symposium; University of Florida. [Podium]
- 2019 **C.K. Russell & C.B. Ruff.** Fallen Tree Mobility: Long Bone Structural Analysis and Lifestyle Reconstruction. Caldwell IX Conference; St. Catherines Island, Georgia. [Podium]
- 2018 **C.K. Russell.** Proportions of the Lateral Tibial Condyle and Posterior Meniscal Notch Size in *Homo sapiens*. *Am. J. Phys. Anthropol.* 165(S66):234. [Poster]

- 2018 **C.K. Russell** & C.B. Ruff. Fallen Tree Lifestyle/Activity: Bone Structural Analyses. Workshop on the Bioarchaeology of Early Contact & the Fallen Tree Site, St. Catherines Island, Georgia; U. of Texas, Austin. [Podium]
- 2016 **C.K. Russell**. Size-related and Demographic Effects on the Morphology of the Lateral Meniscal Notch of the Proximal Tibia. *Am. J. Phys. Anthropol.* 159(S62):276. [Poster]
- 2009 **C.K. Russell**. Exhibiting Evolution in America's Heartland. Graduate Student Symposium: Civic Engagement, Social Inclusion, and Community Perspectives; New York University. [Podium]
- 2009 **C.K. Russell**. Eugenics & Education: Competing Ideologies in the Hall of Public Health. Graduate Student Symposium, Bank Street College of Education. [Podium]

WORKSHOPS

- 2023 **C.K. Russell** & B. Pobiner. Up Goer Five: Using Simple Language to Communicate Your Research to the Public. Annual Meeting of the American Association of Biological Anthropologists; Reno, NV.

MEDIA

- 2017 February. Human evolution outreach with middle schoolers highlighted by United Federation of Teachers:
<https://www.uft.org/news/feature-stories/holding-history-their-hands>

CERTIFICATIONS

- 2021 Johns Hopkins University Teaching Academy Certificate of Completion
Completed six pedagogical workshops, a three-day teaching institute, & a teaching practicum (undergraduate seminar)

PUBLIC OUTREACH: AMERICAN MUSEUM OF NATURAL HISTORY

Sackler Educational Laboratory for Human Origins and Comparative Genomics

- 2012-2017 Hands-on Lab Activities for Visiting School Groups.
Forensic Anthropology [Developed Curriculum], Human Evolution,
Primate Locomotion, DNA Extraction, Gel Electrophoresis,
Neurotoxins, Microbiome.
- 2012-2017 Drop-in Sessions: Lab Activities and Q&A with Museum visitors.
200-800 each weekend day.
- 2015 Meet the Scientist Drop-in Session: The Evolution of the Human Knee.
300 attendees.

Science Research Mentoring Program/After School Program

- 2017 Faces from the Past: Reconstructing Human Origins.
Teen One-Day Workshop [Developed Curriculum]
- 2015-2017 Archaeology of Tomorrow.
High school students [Developed Curriculum]
- 2014-2016 Human Origins.
High school students (Co-taught 5 times)
- 2015-2016 Introduction to Statistics.
High school students in research mentorships (Co-taught 2 times)
- 2015 Culture, Language, & Society in the 21st Century.
High school students (Co-taught 2 times)
- 2014 Digging Up the Past.
High school students
- 2014 The Ape in You.
High school students

Lang Science Program

- 2015-2017 Introduction to Biological Anthropology.
Middle School Course [Developed Curriculum]
- 2016 Human Skeletal Variation.
High School Research Seminar. Mentored students to develop
original research projects on variation in human limb morphology,
supervised osteological data collection from the Point Hope
Collection and Medical School Collection at the AMNH, and advised
students in the creation and presentation of academic posters.
Students: 12 [Developed Curriculum]
- 2016 *Homo naledi*: Our Newest Hominin Relative.
High School Elective [Developed Curriculum]
- 2015 Primate Locomotion and the Fossil Record.
High School Elective [Developed Curriculum]
- 2014 Introduction to Anthropology.
Middle School Course [Developed Curriculum]

Science Alliance

- 2016-2017 Digital Archaeology.
Middle School Course [Developed Curriculum]
- 2015-2016 Biological Anthropology.
Middle School Course [Developed Curriculum]

Middle School Institutes/Adventures in Science

- 2016 Introduction to Biological Anthropology.
One-day Workshop, Middle School [Developed Curriculum]
- 2014 Inside Your Brain.
Workshop, Elementary School

PUBLIC OUTREACH: NORTH CAROLINA GOVERNOR'S SCHOOL

Natural Science Courses

- 2016 Human Biological Variation.
High School [Developed Curriculum]
- 2008-2015 Human Evolution.
High School [Developed Curriculum]

Campus Lectures

- 2019 The Paleo Diet: Less Hunting, More Gathering.
- 2019 Evolutionary Anatomy of the Human Voice.
- 2016, 2019 Variation in the Human Tibia.
- 2017 Up Goer Five Challenge: Soft Parts in Knees and What They Can Tell Us
about Human-Like Animals from Long Ago.
- 2016-2017 *Homo naledi*: Our Newest Hominin Relative.
- 2009-2017 Skin Color and Race.
- 2015-2016 Destruction of the Past: Technology and Ethics in Archaeology.
- 2015-2016 Crime Scene GSW.
- 2009-2016 *Chickensaurus rex*?
- 2014-2015 Human Evolution: These Apes Were Made for Walking.
- 2014-2015 Human Evolution: What Makes Us Human?
- 2009 Handy Genes: *Hox* Genes and Limb Development.

PUBLIC OUTREACH: OTHER

- 2023 Nevada Discovery Museum. Reno, NV.
Hands-on engagement with biological anthropology casts
- 2020 Anatomy for Every Body. Tulane University Upward Bound Program.
9th & 10th graders. New Orleans, LA.
- 2019 Greenspring Montessori Elementary School Students. Baltimore, MD.
Hands-on engagement with plastinated human organs

AWARDS

2019, 2022, 2023 Student Travel Award, American Association for Anatomy: \$250-400

2008 Tuition Scholarship, Department of Anthropology: \$8000
New York University

MUSEUM RESEARCH EXPERIENCE

2009, 2012 American Museum of Natural History. New York, NY.
Data collection on modern and archaeological human postcrania
Data collection on gorilla postcrania

OTHER EXPERIENCE

2020 Paleoanthropology Science Communication Symposium.
Center for the Exploration of the Human Journey,
Perot Museum of Nature & Science. Dallas, TX.

2009-2010 Intern, Biological Anthropology Collections & Education Department.
American Museum of Natural History.

PROFESSIONAL AFFILIATIONS

American Association of Biological Anthropologists (Member, Education Committee)
American Association for Anatomy

PROFESSIONAL SERVICE

Reviewer, *American Journal of Biological Anthropology*

RESEARCH INTERESTS

Paleoanthropology, Postcranial Functional Anatomy, Hominin Evolution, Bipedalism,
Trabecular Mapping, Intraspecific Variation, Knee Morphology, Science Education