

**Holden Hemingway**

Integrative Physiology, 3500 Camp Bowie Blvd. Fort Worth, TX 76107  
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**Education:**

**University of Kentucky**, Lexington, KY  
B.S. in Biology, 2013-2017

**University of North Texas Health Science Center**, Fort Worth, TX  
Ph.D. in Biomedical Sciences, (2017-present)

**Teaching Experience:**

**Anatomy Lab TA** for 2 short summer programs (Joint Admission Medical Program (JAMP) for undergraduates and the pre-matriculation anatomy workshop for incoming medical students) at UNTHSC during the summer of 2018.

**Anatomy Lecture** on the muscles of the superficial back, shoulder, and chest during the 2019 pre-matriculation workshop and ran the respective Team Based Learning lecture following the lecture.

**Poster presentations:**

**American Association of Physical Anthropologists 86<sup>th</sup> Meeting 2017**, New Orleans, LA.  
*Quinticeps? Investigating a possible fifth head of the quadriceps femoris in non-human primates.*

**Research Appreciation Day 2018**, Fort Worth, TX. *How Bamboo has shaped the anatomy and physiology of Hapalemur.*

**Texas Association of Biological Anthropologists 2018 meeting**, San Marcos, TX. *Bamboo-related adaptations in Hapalemur's hindlimb musculature.*

**Podium presentations:**

**Centennial Meeting of Kentucky Academy of Science**, Lexington, KY. *Are Tarsiers fast or slow? A comparison of the triceps surae muscle and muscle fibers*, 2014.

**Eleventh International Congress of Vertebrate Morphology**, Washington, DC. *Beyond Function: Muscle Energetics and Brain Evolution*. 2016

**Publications:**

**Hemingway HW**, Burrows AM, Omstead KM, Zohdy S, Pastor J, Muchlinski, MN. (2019). Vertical Clinging and Leaping Ahead: How bamboo has shaped the anatomy and physiology of *Hapalemur*. The Anatomical Record (Special Issue).

Muchlinski MN, Pastor J, **Hemingway, HW**, Burrows, AM. Beyond Function: How the brain has shaped muscle anatomy and physiology. The Anatomical Record (Special Issue).

Muchlinski, MN, Hammond, AS, Deane, AS, Purcell, M, **Hemingway, HW**, Hantke, G., . . . Hartstone-Rose, A. (2018). The ligamentum teres femoris in orangutans. American Journal of Physical Anthropology, 167(3), 684-690.

**Awards:**

**T32 Neurobiology of Aging Training Fellowship**, UNTHSC, 2019.

**Collegiate Plate Alumni Scholarship**, University of Kentucky, 2013-2016.

**Placed third in Undergraduate Paper Presentation Competition in Anthropology and Sociology**, Kentucky Academy of Science conference, 2014.

**Undergraduate Research Abroad Scholarship**, University of Kentucky, 2016.