

ANNA J. RAGNI

Division of Vertebrate Paleontology
American Museum of Natural History
200 Central Park West
New York, NY 10024

EDUCATION:

- Richard Gilder Graduate School, American Museum of Natural History** New York, NY 2015-present
Doctor of Philosophy: Comparative Biology
Advised by Dr. William E.H. Harcourt-Smith and Dr. John Flynn
- University of Arkansas** Fayetteville, AR 2012-2014
Master of Arts: Anthropology
Master's Thesis: *Effects of Instrumentation on Dental Microwear Textures: Reanalysis and Augmentation of an Early Hominin Sample*
- Hendrix College** Conway, AR 2008-12
Bachelor of Arts: Sociology/Anthropology with an Anthropology emphasis,
Overall GPA: 4.0, Graduated *summa cum laude* with Distinction
Rank: 1/319

HONORS & AWARDS

- NSF DDRIG Fellowship, "Ontogenetic changes in primate manual and pedal trabecular architecture" \$19,432 2018
- Richard Gilder Graduate School Graduate Fellowship 2015
- RGGS NSF Integrative Graduate Education and Research Traineeship Fellowship 2015
- University of Arkansas Graduate Fellowship 2012
- Member of Phi Beta Kappa 2012
- Hendrix College Dean's List 2008-2012

PUBLICATIONS:

- Ragni, Anna J.** *In Review*. Trabecular architecture of the hand through ontogeny in chimpanzees (*Pan troglodytes*) and gorillas (*Gorilla gorilla*). *Journal of Human Evolution*.
- Ragni, Anna J.** 2018. *Chimpanzee (Pan troglodytes) and gorilla (Gorilla gorilla) manual trabecular architecture over ontogeny*. *American Journal of Physical Anthropology*, Program of the 87th Annual Meeting of the American Association of Physical Anthropologists 165:S66.
- Ragni, Anna J,** Teaford, M, Ungar, Peter S. 2017. A Comparative Study of Pitheciid Dental Microwear. *American Journal of Primatology* 79(12), e22697.
- Ragni, Anna J,** Webb, Nicole M., Harcourt-Smith, William E.H. 2017. *Ontogenetic changes in trabecular architecture: A pilot study of chimpanzee (Pan troglodytes) manual and pedal elements*. *American Journal of Physical Anthropology*, Program of the 86th Annual Meeting of the American Association of Physical Anthropologists 162:S64.
- Ungar, Peter S, **Ragni, Anna J,** DeSantis, Larisa. 2014. Comparability of Dental Microwear Texture Data Between Studies. *Journal of Vertebrate Paleontology*, Program and Abstracts 2014: 244.

PRESENTATIONS:

- Ragni, Anna J** (2018, March) *The Evolution of Hominin Bipedalism*. Podium presentation at the New York Paleontological Society, New York, NY.
- Ragni, Anna J** (2016, February) *Dental Microwear Texture Analysis: A method for understanding primate paleodiet*. Podium presentation at the Metropolitan Society of Natural Historians, New York, NY.

Ungar, Peter S, **Ragni, Anna J**, DeSantis, Larisa (2014, November) *Comparability of Dental Microwear Texture Data Between Studies*. Podium presentation at the Society of Vertebrate Paleontology Annual Meeting, Berlin, Germany.

Ragni, Anna J, Ungar, Peter S, DeSantis, Larisa, Armand, Sam (2014, October) *Dental Microwear Texture Analysis and Issues of Instrumentation*. Podium presentation at the American Society of Mechanical Engineers meetings, Gaithersburg, MD.

RELEVANT TRAINING:

Instructor, Youth Initiatives Program, American Museum of Natural History Spring 2018
Walk This Way – Science visualization course on hominin bipedalism

Teaching Assistant, Icahn School of Medicine, Mt. Sinai Fall 2017
Human Structures – Gross Anatomy

μCT Data Workshop, University of Texas Summer 2017
Led by Dr. Jessie Maisano

Wind River Basin 2016 Fieldwork Expedition, American Museum of Natural History Summer 2016
Led by Dr. Steven Chester and Dr. Chris Gilbert

Program Assistant, Smithsonian Institution National Museum of Natural History 2014-15
Mentor: Dr. Briana Pobiner
• Assistant to the Education and Outreach Coordinator in the Human Origins Program

SYNERGISTIC ACTIVITIES:

- Instructed young students on how scientists study bones and fossil trackways – Adventures in Science program, American Museum of Natural History August 2018
- Taught evolutionary concepts to high school students enrolled in “The Real Paleodiet” course through a presentation entitled, “Dental Microwear Texture Analysis: A method for understanding primate paleodiet” – LANG program, American Museum of Natural History February 2017
- Served as a guest lecturer for undergraduate biology seminar students presenting a talk entitled, “The Evolution of Human Bipedalism” – Fairleigh Dickinson University February 2017
- Presented a lecture entitled “Human Bipedalism 101” at the New York Lady Science Forum – BioDigital Technologies January 2017
- Guided a tour of the Metropolitan Society of Natural Historians through the Hall of Human Origins – American Museum of Natural History January 2017
- Conveyed recent anthropological discoveries to the general public -“Meet the Paleoanthropologist” session in the Sackler Educational Library September 2016
- Explored concepts of dietary reconstruction as guest speaker – Adventures in Science program, American Museum of Natural History June 2016
- Interacted with visitors using an original “Which primate are you?” quiz and phylogenetic tree visual to convey importance of Asian primate conservation and education - American Museum of Natural History’s “Spotlight Asia” February 2016
- Engaged young families in understanding the relevance of recent fossil find *Homo naledi* using 3D printed replicates - American Museum of Natural History’s “Family Night” Fall 2015, Fall 2016, Fall 2017
- Adapted, created resources, and trained others on “*Genes in a Bottle*” cart activity – Hall of Human Origins, Smithsonian Institution National Museum of Natural History 2015

MENTORSHIP

Tessa Garces, Tufts University
Sarah Elston, Columbia University

Summer 2018
Summer 2018

MEMBERSHIPS & ORGANIZATIONS:

New York Consortium of Evolutionary Primatology
American Association of Anatomists
Anthropological Honor Society
American Anthropological Association
American Association of Physical Anthropologists