

EMMA K. WOOD
CURRICULUM VITAE

Center for Anatomical Sciences
University of North Texas Health Science Center
3500 Camp Bowie Boulevard
Fort Worth, TX 76107

(208) 871-6649 (cell)
(817) 735-2126 (fax)
emma.wood@unthsc.edu
www.unthsc.edu/anatomicalsciences

EDUCATION

2020 Ph.D. in Anthropology
 University of Iowa, Iowa City, IA
 Dissertation: *Dental size reduction in the domesticated silver fox: Implications for the domestication syndrome model*

2017 M.A. in Anthropology
 University of Iowa, Iowa City, IA

2012 B.A. in Anthropology
 Colorado State University, Fort Collins, CO

ACADEMIC APPOINTMENTS

2019–present Instructor, Center for Anatomical Sciences, University of North Texas Health Science Center

2017–2019 Anatomy Lab Facilitator, Department of Anatomy and Cell Biology, University of Iowa

2015–2019 Teaching Assistant, Department of Anthropology, University of Iowa

TEACHING EXPERIENCE

* indicates a prosection-based course, all others are dissection-based courses

** indicates an online only course

Health Professions Courses

In development **PHAN 5301: Structural Anatomy (Masters in Biomedical Sciences students). Online only anatomy course. University of North Texas Health Science Center. Course co-director and instructor.

2020–present PHAN 5401: Reproductive System (Masters in Biomedical Sciences students). University of North Texas Health Science Center. Lecturer and co-lab instructor.

- 2019–present MEDE 7811: Musculoskeletal and Skin Systems 1 (D.O. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDE 7615: Cardiopulmonary System 1 (D.O. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDE 7611: Gastrointestinal & Renal Systems 1 (D.O. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDE 7715: Reproductive & Endocrine Systems 1 (D.O. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present *MPAS 5401: Clinical Anatomy (Physician assistant students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present DPHT 7400: Clinical Anatomy (Physical therapy students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDS 80106: Foundations (M.D. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDS 80306: Homeostasis (M.D. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDS 80407: Neuromusculoskeletal (M.D. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019–present MEDS 80508: Metabolism & Life Cycle (M.D. Medical students). University of North Texas Health Science Center. Laboratory co-instructor.
- 2019 Gross Anatomy for Dental Students (Dental students). University of Iowa. Laboratory co-instructor.
- 2019 Functional Neuroanatomy (Physical therapy & neuroscience PhD students). University of Iowa. Laboratory co-instructor.
- 2017–2018 Human Anatomy (Physical therapy and advanced PhD [multiple disciplines] students). University of Iowa. Laboratory co-instructor.

2017–2018 Human Anatomy for Advanced Practice Nursing (Nurse anesthetist students). University of Iowa. Laboratory co-instructor

Graduate & Undergraduate Courses

2019 Human Evolutionary Anatomy (ANTH 4315; Anthropology PhD and undergraduate students). University of Iowa. Co-lecturer and lead laboratory instructor.

2018–2019 Issues in Anthropology: The Evolution of Human Sex (ANTH 1001). University of Iowa. Sole instructor.

2017–2018 Issues in Anthropology: Anthropological Forensics (ANTH 1001). University of Iowa. Sole instructor.

2016–2017 Human Origins (ANTH:1301). University of Iowa. Graduate assistant and sole instructor for associated laboratory sections.

2015 Anthropology & Contemporary World Problems (ANTH:2100). University of Iowa. Graduate assistant and sole instructor for associated discussion sections.

Guest Lectures

2018 Human Anatomy (ACB:5108), University of Iowa, “Osteology & Arthrology of the Lower Limb.” Course Instructors: Justin Sipla & Kathleen Andersen.

2018 First-Year Seminar: A Tour of Biological Anthropology (ANTH:1000), University of Iowa, “Forensic Anthropology.” Course Instructor: Lara Noldner.

2017 First-Year Seminar: A Tour of Biological Anthropology (ANTH:1000), University of Iowa, “Forensic Anthropology.” Course Instructor: Lara Noldner.

2016 Human Origins (ANTH:1301), University of Iowa, “Primate Models for Human Evolution.” Course Instructor: Andrew Kitchen.

STUDENT MENTORING

2020-present Sara Aldeeb, Masters in Biomedical Sciences Research Track. University of North Texas Health Science Center. Primary advisor.

2019 Courtney Plachno, Advanced Clinical Anatomy Elective Clerkship (Directed anatomy dissection rotation for 4th year medical students). University of North Texas Health Science Center. Focus: Ligament attachments of female reproductive organs.

PUBLISHED ABSTRACTS

- 2019 **Wood EK**, Maddux SD, Southard TE, Kharlamova A, Trut L, Franciscus RG. Canine size reduction in Russian silver foxes: Implications for the “self-domestication” hypothesis. *Texas Association of Biological Anthropologists*.
http://txbioanth.org/media/uploads/files/TABA_PROGRAM_2019.pdf
- 2019 **Wood EK**, Maddux SD, Southard TE, Kharlamova A, Trut L, Franciscus RG. The effect of behavioral selection on the dentition of Russian silver foxes and its implications for human dental evolution. *The FASEB Journal*, 33 (Supplement 1), 452.19.
- 2018 **Wood EK**, Maddux SD, Southard TE, Kharlamova A, Trut L, Franciscus RG. Dental size reduction in tame Russian silver foxes and its implications for the ‘self-domestication’ model in hominin evolution. *American Journal of Physical Anthropology*. S66: 306
- 2017 Maddux SD, **Wood EK**, Southard TE, Kharlamova A, Trut L, Franciscus RG. Patterns of morphometric change in experimentally domesticated foxes: Implications for ‘self-domestication’ in human evolution. *Texas Association of Biological Anthropologists*.
http://txbioanth.org/media/uploads/files/TABA_2017_Program.pdf
- 2017 **Wood EK**, Maddux SD, Southard TE, Kharlamova A, Trut L, Franciscus RG. Hard tissue patterns of change in Russian silver foxes: the dentition. *Conference in commemoration of the centenary (1917-2017) of the birth of Dmitri Belyaev (Novosibirsk, Russia)*.

FUNDING AWARDS

Research Funding

- 2019 “Imaging Russian silver fox enamel structure using an imaging microscope.” Department of Anthropology Research Grant, **E.K. Wood**, Principal Investigator. \$3,011.00

- 2018 “Assessing dental microstructure in foxes using scanning electron microscopy.” Department of Anthropology Research Grant, **E.K. Wood**, Principal Investigator. \$865.00
- 2017 “Assessing Russian fox dental size differences across populations.” Department of Anthropology Research Grant, **E.K. Wood**, Principal Investigator. \$2,090.66
- 2016 “Pilot study data collection on Russian silver fox sample.” Department of Anthropology Research Grant, **E.K. Wood**, Principal Investigator. \$3,092.26

Travel Funding

- 2019 Travel Award, American Association of Anatomists. “The effect of behavioral selection on the dentition of Russian silver foxes and its implications for human dental evolution.” \$250.00
- 2018 Graduate Student Senate Travel Grant, University of Iowa. “Dental size reduction in tame Russian silver foxes and its implications for the ‘self-domestication’ model in hominin evolution.” \$750.00
- 2017 William S. Pollitzer Travel Award, American Association of Physical Anthropologists. \$500.00

AWARDS & HONORS

- 2019 Best Graduate Student Podium Presentation, *Texas Association of Biological Anthropologists*.
- 2019 June Helm Award, *University of Iowa Graduate Student Anthropology Association*. Awarded for commitment and service to the Graduate Student Anthropology Association, Anthropology Department, and the discipline of anthropology.
- 2019 Graduate Student Poster Presentation Award Finalist, *American Association of Anatomists*.
- 2019 Experimental Biology Scientific Highlights Poster Session, *American Association of Anatomists*. Selected to represent the American Association of Anatomists at the opening reception of the Experimental Biology meeting.
- 2012 Best Biological Capstone Presentation Award, *Colorado State University, Department of Anthropology*.

CERTIFICATIONS & WORKSHOPS

- 2020 Teaching Excellence Seminar Series, Center for Innovative Learning, University of North Texas Health Science Center. Sessions focus on educational philosophy, psychology, and research supporting a variety of effective teaching practices in the adult classroom to enhance the teaching skills of current faculty.
- 2019 Cultivating Excellence in Teaching Credential, Center for Teaching, University of Iowa. Achieved by attending teaching training workshops, reflective writing, and consultation with teaching staff.
- 2019 Course Design Fundamentals, Center for Teaching, University of Iowa. Workshop for advanced graduate students and post-docs focused on designing course learning goals, objectives, assignment objectives, and assessment goals.

SERVICE

Manuscript Reviewer

- 2019–present The Anatomical Record

Departmental Service

- 2019–present Member, Anatomy Education Committee, University of North Texas Health Science Center, Fort Worth, TX.
- 2019 Coordinator, AnthrObserver, Department of Anthropology annual newsletter, University of Iowa, Iowa City, IA.
- 2018–2019 President, Anthropology Graduate Student Association, Department of Anthropology, University of Iowa, Iowa City, IA.
- 2016–2017 Vice President, Anthropology Graduate Student Association, Department of Anthropology, University of Iowa, Iowa City, IA.

University Service

- 2018–2019 Outreach Committee, Graduate Women in Science, University of Iowa, Iowa City, IA.
- 2018 Facilitator, New Teaching Assistant Orientation, Graduate College, University of Iowa, Iowa City, IA.

2016–2017 Outreach Committee, Graduate Women in Science, University of Iowa, Iowa City, IA

2016–2017 Secretary, Graduate Women in Science, University of Iowa, Iowa City, IA.

Health Professions Visiting & Continuing Education

2019 Co-instructor, Nervous System Anatomy Review for visiting Certified Registered Nurse Anesthetist students, University of North Texas Health Science Center, Fort Worth, TX

2019 Co-instructor, Upper Limb Movement and Innervation Lab for visiting Southern Methodist University students, University of North Texas Health Science Center, Fort Worth, TX

2019 Coordinator and Co-instructor, Neuroanatomy Workshop for Stroke Nurses, University of Iowa, Iowa City, IA

2018 Facilitator, Ultrasound-guided Regional Anesthesia Workshop for University of Iowa Hospitals and Clinics, University of Iowa, Iowa City, IA

Forensic Investigations

2018 Case #UIA18-26, University of Iowa Decedent Care Center, Iowa City, IA.

PROFESSIONAL ASSOCIATIONS

2018–Present American Association of Anatomists

2015–Present American Association of Physical Anthropologists

2015–Present Graduate Women in Science