

Katie Bailey, Ph.D.

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Education

- 2018** Ph.D. Anthropology, Texas A&M University – Dissertation Title: Locomotion of the red-shanked douc langur (*Pygathrix nemaeus*) in the Son Tra Nature Reserve, Vietnam.
- 2014** M.A. Anthropology, Texas A&M University
- 2012** B. A. Anthropology, The Ohio State University
- 2010** Associate of Arts, Columbus State Community College

Research Interests

Biological Anthropology, Primatology, Primate Conservation, Primate Locomotion, Functional Morphology

Professional and Academic Appointments

2022 – Present University of Vermont Lecturer

Courses taught as the instructor of Record:

- Introduction to Biological Anthropology (in-person)
- Culture, Health, and Healing (in-person)
- Anthropological Research in Global Health (in-person)

2022 – 2021 US Customs and Border Protection

Forensic Palynologist

2020 – 2019 University of North Carolina Wilmington Visiting Lecturer/ Instructor

Courses taught as the instructor of record:

- Introduction to Anthropology (in-person and online)
- Physical Anthropology (in-person and online)
- Primate Biology and Behavior (in-person)
- Environmental Anthropology (in-person and online)
- Primate Evolution (online)

2019 – 2018 Blinn College Adjunct Instructor

Courses taught as the instructor of record:

- Introduction to Anthropology (in-person)
- Introduction to Cultural Anthropology (in-person)
- Physical Anthropology Lab/ Lecture (in-person)

2018 – 2013 Texas A&M University Graduate Assistant Lecturer

Courses taught as the instructor of record:

- Peoples and Cultures of the World (in-person)
- Anthropological Writing (in-person)
- The Primates (in-person)
- Introduction to Biological Anthropology (in-person)

Courses taught as a lab instructor:

- Introduction to Biological Anthropology Lab (four semesters – in-person)

Laboratory Positions

2019 Texas A&M University Geoarchaeology Laboratory Assistant, Supervisor: Dr. Michael Waters

2018 Texas A&M University Palynology Laboratory Assistant, Supervisor: Dr. Vaughn Bryant

Manuscripts in Progress

- 2022** Bailey KE, Winking JW, Carlson DL, Tran Van Bang, and Ha Thang Long. Arm-swinging and habitat use of the red-shanked douc langur (*Pygathrix nemaeus*) in the Son Tra Nature Reserve, Vietnam. Target Journal: *Folia Primatologica*

Peer Reviewed Publications

- 2020** Bailey KE, Winking JW, Carlson DL, Tran Van Bang, and Ha Thang Long. 2020. Arm-swinging in the red-shanked douc (*Pygathrix nemaeus*): implications of body mass. *International Journal of Primatology* 41(4): pp.583-595.
- 2017** Bailey KE, Lad SE, and Pampush JD. 2017. Functional Morphology of the douc langur (*Pygathrix spp.*) scapula. *American Journal of Primatology* DOI: 10.1002/ajp.22646.
- 2015** Bailey KE and Pampush JD. 2015. Intrageneric shape variation of the douc langur (*Pygathrix spp.*) scapula. *Vietnamese Journal of Primatology* 2(4):25-32.

Published Abstracts and Conference Presentations

- 2020** Bailey KE. 2020. Absence of suspensory foraging postures in *Pygathrix nemaeus*: using Ladan's kinesphere as a proxy for below branch locomotion. *American Journal of Physical Anthropology Supp* 171(S69):15.
- 2019** Bailey KE, Carlson DL, Tran Van Bang, and Ha Thang Long. 2019. Arm-swinging and habitat use of the red-shanked douc langur (*Pygathrix nemaeus*) in the Son Tra Nature Reserve, Vietnam. *American Journal of Physical Anthropology Supp* 168(S68):11.
- 2018** Bailey KE, Carlson DL, Tran Van Bang, and Ha Thang Long. 2018. Arm-swinging in the red-shanked douc langur (*Pygathrix nemaeus*) in the Son Tra Nature Reserve, Vietnam. *American Journal of Physical Anthropology Supp* 165(66):16-17.
- 2017** Bailey KE and Grow NB. 2017. The relationship of the glenoid fossa and acromion process as a predictor of locomotor behavior. *American Journal of Physical Anthropology Supp* 162(64):108.
- 2016** Grow NB, Bailey KE, and Gursky SL. 2016. Ultrasonic vocalizations by montane pygmy tarsiers (*Tarsius pumilus*) in Sulawesi, Indonesia. *American Journal of Physical Anthropology Supp* 159(62):19.
- 2015** Bailey KE and Pampush JD. 2015. Preliminary analysis of the functional morphology of the douc langur scapulae. *American Journal of Physical Anthropology Supp* 156(60):75.
- 2014** Bailey KE. 2014. Population density survey of *Pygathrix cinerea* (the grey-shanked douc langur) in the An Toàn Nature Reserve, Vietnam. *American Journal of Physical Anthropology Supp* 153(58):71.

Research and Field Experience

- 2017 – 2016** Locomotion of the red-shanked douc langur (*Pygathrix nemaeus*) in the Son Tra Nature Reserve, Vietnam.
- 2014** Functional morphology of the douc langur scapulae.
Muséum National d'Histoire Naturelle, France; Endangered Primate Rescue Center, Vietnam; Southern Institute of Ecology, Vietnam
- 2013** Population density survey of *Pygathrix cinerea* (the grey-shanked douc langur) in the An Toàn Nature Reserve, Vietnam
- 2011** Rutgers University Primatology, Ecology, and Wildlife Conservation Field School, Kenya
In affiliation with Kenyan Wildlife Service and National Museums of Kenya
Principle Investigators: Dr. John Harris, Dr. Julie Wieczkowski, Dr. Purity Kiura
Observational Study of Positional Behavior in the Tana River Red Colobus

External Grants – (Totaling: \$18,000)

- 2016** Primate Conservation, Incorporated Grant - \$2650
Locomotion of Pygathrix nemaeus in the Son Tra Nature Reserve, Vietnam
- 2013** Columbus Zoo and Aquarium Conservation Fund - \$5000

- Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam*
2013 Mohamed bin Zayed Species Conservation Fund - \$5000
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam
2013 Primate Conservation, Incorporated Grant - \$2350
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam
2013 Conservation International Primate Action Fund - \$3000
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam

Internal Grants – (Totaling: \$25,639)

- 2017** Texas A&M Department of Anthropology Conference Travel Award - \$700
Present at the American Association of Physical Anthropologists Annual Meeting in Austin, TX
2017 Texas A&M Department of Anthropology Professional Development Award - \$1000
Attend an RShiny Workshop at the RStudio Conference in San Diego, CA.
2017 Texas A&M Department of Anthropology Research Award - \$1700
Locomotion of Pygathrix nemaeus in the Son Tra Nature Reserve, Vietnam
2017 Texas A&M Graduate and Professional Student Council Travel Award - \$500
Present at the American Association of Physical Anthropologist's Annual Meeting in New Orleans, LA
2016 Texas A&M Department of Anthropology Milo E. Carlson Graduate Fund – \$5000
Locomotion of Pygathrix nemaeus in the Son Tra Nature Reserve, Vietnam
2015 Texas A&M Department of Anthropology Research Grant - \$5855
Locomotion of Pygathrix nemaeus in the Son Tra Nature Reserve, Vietnam
2015 Texas A&M College of Liberal Arts Professional Development Grant - \$2921
Attend a course, 'Introduction to Geometric Morphometrics in Barcelona Spain
2014 Texas A&M Department of Anthropology Conference Travel Award - \$700
Present at the American Association of Physical Anthropologists Annual Meeting in St. Louis, MO
2014 Texas A&M Department of Anthropology Conference Travel Award - \$577
Present at the American Association of Physical Anthropologists Annual Meeting in Calgary, AB
2014 Texas A&M Office of Graduate and Professional Studies Presentation Grant - \$500
Present at the American Association of Physical Anthropologists Annual Meeting in Calgary, AB
2013 Texas A&M College of Liberal Arts Professional Development Grant - \$2926
Attend an intensive Vietnamese language program in Ho Chi Minh City, Vietnam
2013 Texas A&M Department of Anthropology Research Award - \$260
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam
2012 L.T. Jordan Foundation Fellows Program Award - \$1500
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam
2012 Texas A&M Department of Anthropology Research Award - \$500
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam
2012 Texas A&M College of Liberal Arts Research Award - \$1000
Population density survey of Pygathrix cinerea in the An Toàn Nature Reserve, Vietnam

Awards & Honors

- 2017** Summertime for Advancement in Research (STAR) Award – College of Liberal Arts and Office of Graduate Studies – *Three-month stipend and tuition reimbursement.*
2016 Texas A&M Fasken Research Award - \$1000
Locomotion of Pygathrix nemaeus in the Son Tra Nature Reserve, Vietnam

Certifications

- 2020** UNCW Distance Education and eLearning's Video 101: Creating Video for Beginners Workshop
2019 Independent Applying the QM Rubric (APPQMR): (Statewide Systems) – www.qualitymatters.org

Service

2018 – 2017 Graduate-Undergraduate Mentorship Program
Mentoring two undergraduate students in primatology research projects

Invited Lectures

2019 Logan Elm Local School District Showcase: Alumni Spotlight
Presentation: From Southern Ohio to Vietnam

2016 Department of Education, Da Nang University, Vietnam
Presentation: Locomotion of the Red-Shanked Douc Langur

Media

2017 National Geographic Film: The Red-Shanked Douc Langur. Director: Ryan Deboodt
Script Consultant and Editor <https://www.nationalgeographic.com/video/shorts/1453155395528/>