

Katie Bailey, Ph.D.

University of Vermont 501 Williams Hall Burlington, VT

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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:

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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:

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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*
- 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* 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.

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 Kenya Wildlife Service and National Museums of Kenya

- 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

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/>