

Clare M. Kimock

Department of Psychology, Nottingham Trent University
50 Shakespeare St, Nottingham, NG1 4FQ
clare.kimock@ntu.ac.uk
clarekimock.mystrikingly.com

Current Position

2021-present **Research Fellow**, Department of Psychology, Nottingham Trent University

Education

- 2015-21 **PhD**, Biological Anthropology, New York University
Advisors: James Higham and Shara Bailey
Dissertation: "Male-male competition and sexual dimorphism in rhesus macaques"
- 2015 **MA**, Anthropology, The George Washington University
Advisor: Bernard Wood
Thesis: "Allometry in *Paranthropus* molars: re-testing the monophyly hypothesis"
- 2013 **BA**, Anthropology, The American University

Publications

Peer-reviewed journal articles

- Kavanagh, E., **Kimock, C.**, Whitehouse, J., Micheletta, J., Waller, B.M. (In press). Revisiting Darwin's comparisons between human and non-human primate facial signals. *Evolutionary Human Sciences*.
- Kimock CM**, Brent LNJ, Dubuc C, Higham JP. 2022. Body size and canine size do not confer a competitive advantage in male rhesus macaques. *Animal Behaviour* 187:281-290. doi: 10.1016/j.anbehav.2022.01.011
- Colby AE, **Kimock CM**, Higham JP. 2021. Endocranial volume is variable and heritable, but not related to fitness, in a free-ranging primate. *Scientific Reports*. 11:4235. doi: 10.1038/s41598-021-81265-w90a2fac9-32fb-4e7f-9af4-7cb6911334b1
- Higham JP, **Kimock CM**, Mandalaywala TM, Heistermann M, Cascio J, Petersdorf M, Winters S, Allen WL, Dubuc C. 2021. Female ornaments: is red skin color attractive to males and related to condition in rhesus macaques?. *Behavioral Ecology* 32(2): 236-247. doi: 10.1093/beheco/araa121
- Locke EM, Benefit BR, **Kimock CM**, Miller ER, Nengo I. 2020. New dentognathic fossils of *Noropithecus bulukensis* (Primates, Victoriapithecidae) from the Late Early Miocene of Buluk, Kenya. *Journal of Human Evolution* 148:102886. doi: 10.1016/j.jhevol.2020.102886
- Kimock CM**, Dubuc C, Brent LNJ, Higham JP. 2019. Male morphological traits are heritable but do not predict reproductive success in a sexually-dimorphic primate. *Scientific Reports* 9:19794. doi:10.1038/s41598-019-52633-4
- Ortiz A, Zhang Y, Jin C, Wang Y, Zhu M, Yan Y, **Kimock C**, Villamil CI, He K and Harrison T. 2019. Morphometric analysis of fossil hylobatid molars from the Pleistocene of southern China. *Anthropological Science*. 127(2):190331. doi:10.1537/ase.190331
- Fan PF, He K, Chen X, Ortiz A, Zhang B, Zhao C, Li YQ, Zhang HB, **Kimock C**, Wang WZ, Groves C, Turvey ST, Roos C, Helgen KM, Jiang XL. 2017. Description of a new species of Hoolock gibbon (Primates: Hylobatidae) based on integrative taxonomy. *American Journal of Primatology*. 79(5):e22631. doi:10.1002/ajp.22631

Other publications

Kimock CM, Evans KD, and Petersen RM. 2017. The second meeting of the Northeastern Evolutionary Primatologists. *Evolutionary Anthropology*. 26(2):42-43. doi:10.1002/evan.21529

Scholarships and Fellowships

2015-21 New York University, MacCracken Fellowship (\$165,000 stipend plus tuition)
 2009-13 The American University, Dean's Scholarship (\$72,000 tuition)

Research Grants

2019 Leakey Foundation General Research Grant (\$14,825)
 2019 National Science Foundation Doctoral Dissertation Research Improvement Grant (\$14,112)
 2019 American Society of Primatologists Small Grant (\$1,500)

Other Funding

2022 QR Funding, Nottingham Trent University (£1500)
 2022 Scholarship Project for Undergraduate Researchers, Nottingham Trent University (£1114.20)
 2019 Student Senators Council Travel Grant, New York University (\$400)
 2018 Student Senators Council Travel Grant, New York University (\$650)
 2017 Dean's Student Travel Grant, New York University (\$500)

Field Experience

Skills: digital image collection, video data collection, looking-time experiments, morphometric data collection

2022 Cayo Santiago Biological Field Station (Puerto Rico, United States)
 Postdoctoral fieldwork with free-ranging rhesus macaques
 2019-20 Cayo Santiago Biological Field Station (Puerto Rico, United States)
 PhD fieldwork with free-ranging rhesus macaques
 2016 Arma Veirana Cave Archaeological Excavations (Liguria, Italy)
 2011 Great Dismal Swamp Archaeological Excavations (Virginia & South Carolina, United States)

Professional Experience

Skills: processing of CT and laser scan data (Mimics, Geomagic Studio), website management

2014-15 **Contractor**, National Museum of Natural History, Human Origins Program
 "Digitization for Preservation of Non-Human Primate Skull Collection" project

Teaching Experience

Course Instructor

Fall 2018 Introduction to Human Evolution, Hunter College, City University of New York

Lab (Recitation) Instructor

Fall 2020 Introduction to Human Evolution, New York University

Fall 2017 Introduction to Human Evolution, New York University

Fall 2016 Introduction to Human Evolution, New York University

Fall 2014 Introduction to Biological Anthropology, The George Washington University

Spring 2014 Introduction to Biological Anthropology, The George Washington University

Fall 2013 Introduction to Biological Anthropology, The George Washington University

Laboratory Teaching Assistant

Summer 2018 Gross Anatomy (Head and Neck), New York University, Grossman School of Medicine

Course Assistant (Grader)

Spring 2018 Fossil Evidence for Human Evolution, New York University

Guest Lecturer

Spring 2022 *Primate Brain Size Evolution*, The Social Brain, Nottingham Trent University

Fall 2018 *Sexual Dimorphism in Primate Morphology*, Primate Sexuality, Columbia University

Additional Skills

R statistical software (data manipulation, mixed modeling)

TPSDig (geometric morphometrics)

French language (intermediate)

Spanish language (basic)

Conference Presentations

Kimock, CM, Brent LJN, Dubuc, C, Higham JP. 2020. Body size, weaponry, and male-male competition in rhesus macaques. *6th Meeting of the Northeastern Evolutionary Primatologists*, Virtual Conference. [poster presentation]

Kimock, CM, Dubuc, C, Higham, JP. 2019. Quantitative genetics of sexually-selected traits in male rhesus macaques. *American Association of Physical Anthropologists*, Cleveland, OH. [podium presentation]

Kimock, CM, Higham, JP, DeCasien, AR, Dubuc, C. 2018. Intra-specific variation in skeletal traits of free-ranging rhesus macaques. *American Association of Physical Anthropologists*, Austin, TX. [podium presentation]

Kimock, CM, Higham, JP, DeCasien, AR, Dubuc, C. 2017. Heritability of skeletal traits in free-ranging rhesus macaques (*Macaca mulatta*). *3rd Meeting of the Northeastern Evolutionary Primatologists*, New Haven, CT. [podium presentation]

Kimock, CM. 2017. A 2D geometric morphometric analysis of cercopithecoid mandibular symphysis outline shape: implications for taxonomy and systematics. *American Association of Physical Anthropologists*, New Orleans, LA. [poster presentation]

Invited Talks

- 2022 **Kimock, CM.** Facial communication in rhesus macaques. *Durham University* [virtual seminar].
- 2021 **Kimock, CM.** Why are rhesus macaques sexually dimorphic in body mass and canine size? *Bangor University* [virtual seminar].

Awards and Honors

- 2020 Poster Presentation Honorable Mention, 6th Meeting of the Northeastern Evolutionary Primatologists
- 2017 Best Student Talk (3rd Place), 3rd Meeting of the Northeastern Evolutionary Primatologists
- 2013 Phi Beta Kappa Honor Society

Service

- 2021 **Reviewer**, *Animal Behaviour*, *American Journal of Primatology*, *Biological Journal of the Linnaen Society*
- 2020 **Seminar Organization**, New York Consortium in Evolutionary Primatology
- 2019 **Student Volunteer**, American Association of Physical Anthropologists (Cleveland, OH)
- 2017-18 **Co-Chair**, Biological Anthropology Journal Club, New York University
- 2012 **Volunteer Docent**, Written in Bone exhibit, National Museum of Natural History
- 2010-11 **Team Leader and Tutor**, DC Reads Program (American University)

Mentorship

- 2022 **Fieldwork supervisor**, Cayo Santiago, three research assistants
- 2020-21 **Mentor and Reader**, Madison Hillegas, Undergraduate Honors Thesis (NYU)
- 2020 **Mentor**, 1000 Girls 1000 Futures Program, New York Academy of Sciences
- 2019-20 **Fieldwork supervisor**, Cayo Santiago, two research assistants
- 2018-20 **Mentor (informal)**, Abigail Colby, Master's Thesis (NYU), "Endocranial volume is variable and heritable, but not related to fitness, in a free-ranging primate"
- 2019 **Mentor**, Yovanna S. and Gabrielle P., NYU Applied Research in Science and Engineering (ARISE) Program, "Fertility signals in female Kinda baboons"
- 2019 **Mentor**, Grace E. and Sara V., 1000 Girls 1000 Futures Program, New York Academy of Sciences