

Clare M. Kimock

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

Education

2021 **PhD**, Biological Anthropology, New York University
 2015 **MA**, Anthropology, The George Washington University
 2013 **BA**, Anthropology, The American University

Academic Appointments

2021-present **Research Fellow**, Department of Psychology, Nottingham Trent University
 • Leading non-human primate field research and non-human primate anatomy subprojects for the European Research Council-funded [FACEDIFF](#) project

Publications

Manuscripts in prep

Kimock CM, Cooper EB, Turcotte CM, Hernandez-Janer E, Negrón-Del Valle JE, Phillips D, Stock MK, Villamil CI, Antón SC, Georgiev AV, Montague M, Platt M, Brent LJN, Snyder-Mackler N, Higham JP. An assessment of age-specific genetic correlations and selection on male body mass in rhesus macaques.

Kimock CM, Pavez-Fox M, Rivera-Barreto N, Negrón-Del Valle JE, Phillips D, Ruiz-Lambides A, Dubuc C, Platt M, Snyder-Mackler N, Brent LJN, Higham JP. Male-male competition and wounding risk in rhesus macaques.

Peer-reviewed journal articles

Pavez-Fox M, **Kimock C**, Rivera-Barreto N, Negrón-Del Valle JE, Phillips D, Ruiz-Lambides A, Snyder-Mackler N, Higham JP, Siracusa ER, Brent LJN. 2022. Reduced injury risk links sociality to survival in a group-living primate. *iScience*. doi: 10.1016/j.isci.2022.105454

Kavanagh E, **Kimock C**, Whitehouse J, Micheletta J, Waller BM. 2022. Revisiting Darwin's comparisons between human and non-human primate facial signals. *Evolutionary Human Sciences* 4:e27. doi: 10.1017/ehs.2022.26

Kimock CM, Brent LJN, 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

Professional Experience

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

Teaching Experience

Spring 2024 **Guest Lecturer**, *Primate Brain Size and Intelligence*, The Social Brain, Nottingham Trent University

Spring 2023 **Guest Lecturer**, *Primate Brain Size Evolution*, The Social Brain, Nottingham Trent University

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

Fall 2020 **Teaching Assistant**, Introduction to Human Evolution, Department of Anthropology, New York University

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

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

Spring 2018 **Course Assistant (Grader)**, Fossil Evidence for Human Evolution, New York University

Fall 2017 **Teaching Assistant**, Introduction to Human Evolution, Department of Anthropology, New York University

Fall 2016 **Teaching Assistant**, Introduction to Human Evolution, Department of Anthropology, New York University

Fall 2014 **Teaching Assistant**, Introduction to Biological Anthropology, Department of Anthropology, The George Washington University

Spring 2014 **Teaching Assistant**, Introduction to Biological Anthropology, Department of Anthropology, The George Washington University

Fall 2013 **Teaching Assistant**, Introduction to Biological Anthropology, Department of Anthropology, The George Washington University

Conference Presentations

- Kimock C.** Ritchie C, Whitehouse J, Witham C, Burrows A, Jeffery N, Tierney C, Waller B. 2024. Linking individual variation in facial musculature to facial behaviour in rhesus macaques. *Anatomical Society*, Liverpool, UK. [podium presentation]
- Kimock CM**, Brent LJJ, 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

- | | |
|------|--|
| 2023 | Kimock, CM . Facial anatomy and expressivity in rhesus macaques. <i>Human Anatomy Resource Center, University of Liverpool</i> . |
| 2022 | Kimock, CM . Facial communication in rhesus macaques. <i>Durham University</i> [virtual seminar]. |
| 2021 | Kimock, CM . Why are rhesus macaques sexually dimorphic in body mass and canine size? <i>Bangor University</i> [virtual seminar]. |
-

Scholarships and Fellowships

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

Research Grants

- | | |
|------|--|
| 2023 | Co-I , British Academy/Leverhulme Small Grant (£9,985.81) |
| 2019 | PI , Leakey Foundation General Research Grant (\$14,825) |
| 2019 | Co-PI , National Science Foundation Doctoral Dissertation Research Improvement Grant (\$14,112) |
| 2019 | PI , American Society of Primatologists Small Grant (\$1,500) |
-

Other Funding

- | | |
|------|--|
| 2023 | Professional Development Award, Nottingham Trent University (£500) |
|------|--|

2022	QR Funding, Nottingham Trent University (£1,500)
2022	Scholarship Project for Undergraduate Researchers, Nottingham Trent University (£1,114.2)
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)

Awards and Honors

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

Fieldwork Experience

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

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

Mentorship

2023	Mentor , Animal Behaviour Collective
2022	Supervisor , Natalia Ptaszynska, Scholarship Projects for Undergraduate Researchers (Nottingham Trent University), "Assessing the communicative function of yawns in rhesus macaques." Current institution: University of St Andrews.
2022	Fieldwork supervisor , Cayo Santiago, four research assistants
2020-21	Mentor and Reader , Madison Hillegas, Undergraduate Honors Thesis (New York University), "Canine size and reproductive success in female rhesus macaques." Current institution: The George Washington University.
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 (New York University), "Endocranial volume is variable and heritable, but not related to fitness, in a free-ranging primate." Current institution: University of Zurich.
2019	Mentor , Yovanna S and Gabrielle P, New York University 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

Service

2022-24	Facilitator , “Consent is Everything” Program, Nottingham Trent University
2021-24	Reviewer , <i>American Journal of Primatology</i> , <i>Animal Behaviour</i> , <i>Biological Journal of the Linnaen Society</i> , <i>BMC Ecology and Evolution</i> , <i>Royal Society Open Science</i>
2023	Scientist , “Skype a Scientist” Program
2020	Seminar Organizer , New York Consortium in Evolutionary Primatology
2019	Student Volunteer , American Association of Physical Anthropologists (Cleveland, Ohio)
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)

Popular Media

2020	Grantee Spotlight: Clare Kimock , <i>Leakey Foundation</i>
------	--

Additional Skills

R statistical software (data manipulation, mixed modeling)

TPSDig (geometric morphometrics)

Certified FACS (facial action coding system) and MaqFACS (macaque facial action coding system) coder

French language (intermediate)

Spanish language (basic)