

# MICHELLE BROWN

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*Updated: March 2022*

## POSITIONS

2021 – present      Research Affiliate, Broom Center for Demography, UCSB  
2021 – present      Research Affiliate, Center for Black Studies Research, UCSB  
2018 – present      Co-Director, Biobehavioral Health Laboratory, UCSB  
2015 – present      Assistant Professor, University of California, Santa Barbara  
2011 – 2014          Postdoctoral Research Fellow, University of New Mexico  
2007 – present      Founder and Co-Director, Ngogo Monkey Project

## EDUCATION

2011    Ph.D.    Columbia University, Evolutionary Primatology  
2005    M.A.    Columbia University, Evolutionary Primatology  
2000    A.B.    Harvard University, Cognitive Neuroscience, *cum laude* with honors

## FUNDING & AWARDS

2022    National Science Foundation      High-Risk Research in Biological Anthropology  
2021    National Science Foundation      Build & Broaden Research Grant  
2021    UCSB Division of Social Sciences      Matching Funds for Build & Broaden  
2020    UCSB Academic Senate                  Faculty Research Grant  
2020    UCSB Office of Academic Personnel      Faculty Career Development Award  
2017    Hellman Family Fund                      Faculty Fellowship  
2016    American Association of Physical Anthropologists      Professional Development Grant  
2015    UCSB Academic Senate                  Faculty Research Grant  
2015    Institute for Social, Behavioral & Economic Research      Social Science Research Grant  
2013    Leakey Foundation                        General Research Grant  
2011    National Science Foundation              Postdoctoral Research Fellowship  
2010    International Primatological Society      Student Competition, 3<sup>rd</sup> place  
2010    American Society of Primatologists      Ruppenthal Student Travel Award  
2009    National Science Foundation              GK-12 Fellowship  
2008    National Science Foundation              Doctoral Dissertation Improvement Grant  
2008    Leakey Foundation                        Research Grant  
2008    International Primatological Society      Research Grant  
2007    Columbia University                      Traveling Fellowship  
2007    Animal Behavior Society                  Diversity Fund Award  
2005    National Science Foundation              Graduate Research Fellowship Program  
2004    Ford Foundation                          Predoctoral Diversity Fellowship  
2004    Columbia University                        Faculty Fellow

## PUBLICATIONS

[ORCID # 0000-0002-2995-1745]

Frogge, H., Jones, R.A., Angedakin, S., Busobozi, R., Kabagambe, P., Angwela, F.O., Thompson González, N., & Brown, M. 2022 (accepted). Constraints on population growth of blue monkeys (*Cercopithecus mitis*) in Kibale National Park, Uganda. *Behaviour*.

Brown, M., Steinitz, R., and Emery Thompson, M. 2022. Wins and losses in intergroup conflicts reflect energy balance in red-tailed monkeys. *Philosophical Transactions of the Royal Society B* 377:20210152. DOI: 10.1098/rstb.2021.0152

Kavanagh, E., Street, S., Bergman, T.J., Blaszczyk, M., Briseño-Jaramillo, M., Bolt, L.M., Brown, M., ... Slocombe, K. [61 authors in total] 2021. Dominance style is a key predictor of vocal use and evolution across nonhuman primates. *Royal Society Open Science* 8: 210873. DOI: 10.1098/rsos.210873

Ochieng, J.R., Rwego, I.B., Kisakye, J.J.M., Brown, M. 2021. Gastrointestinal parasites of overlapping groups of blue monkeys (*Cercopithecus mitis*) and grey-cheeked mangabeys (*Lophocebus albigena*) at the Ngogo Research Site in Kibale National Park, Uganda. *African Journal of Ecology* 59(2):489-496. DOI: 10.1111/aje.12833

Knott, C., ... Brown, M., ... Susanto, T.W. [45 authors in total] 2021. The Gunung Palung Orangutan Project: Twenty-five years at the intersection of research and conservation in a critical landscape in Indonesia. *Biological Conservation* 255:108856. DOI: 10.1016/j.biocon.2020.108856

Brown, M. 2020. Detecting an effect of group size on individual responses to neighboring groups in grey-cheeked mangabeys (*Lophocebus albigena*). *International Journal of Primatology* 41:287-304. DOI: 10.1007/s10764-020-00144-9

Brown, M. An observation of intergroup infanticide in grey-cheeked mangabeys (*Lophocebus albigena*). *Behaviour* 157(12-13):1091-1098. <https://doi.org/10.1163/1568539X-bja10031>

McLester, E., Brown, M., Stewart, F., and Piel, A. 2019. Food abundance and weather influence habitat-specific ranging patterns in forest- and savanna mosaic-dwelling red-tailed monkeys (*Cercopithecus ascanius*). *American Journal of Physical Anthropology* 170(2):217-231. <https://doi.org/10.1002/ajpa.23920>

Jaeggi, A.V., Trumble, B.C., and Brown, M. 2018. Group-level competition influences urinary steroid hormones among wild red-tailed monkeys, indicating energetic costs. *American Journal of Primatology* 80:e22757. <https://doi.org/10.1002/ajp.22757>

Brown, M. and Waser, P. 2018. Group movements in response to competitors' calls indicate conflicts of interest between male and female grey-cheeked mangabeys (*Lophocebus albigena*). *International Journal of Primatology* 80:e22918. <https://doi.org/10.1002/ajp.22918>

Goldberg, T.L., Angedakin, S., Basuta, G.M.I., Brown, M., Butynski, T.M., Chapman, C.A., et al. 2016. Remembering Jerry Lwanga: a perspective from his colleagues. *International Journal of Primatology* 37(2): 131-135. <https://doi.org/10.1007/s10764-015-9888-3>

Brown, M. 2014. Patch occupation time predicts responses by grey-cheeked mangabeys (*Lophocebus albigena*) to real and simulated neighboring groups. *International Journal of Primatology* 35(2):491-508. <https://doi.org/10.1007/s10764-014-9762-8>

Brown, M. 2013. Food and range defense in group-living primates. *Animal Behaviour* 85(4):807-816, DOI: 10.1016/j.anbehav.2013.01.027

Brown, M. and Crofoot, M. 2013. Social and spatial relationships between primate groups. In: *Primate Ecology and Conservation* (pp. 151-176). Eds: Sterling, E., Bynum, N., and Blair, M. Oxford University Press.

Beehler, B.M., Stevenson, T.C., and Brown, M. 2004. Letters to the editor: Virgin rainforests and conservation. *Science* 305:943-944, DOI: <http://www.jstor.org/stable/3837537>

Hare, B., Brown, M., Williamson, C., and Tomasello, M. 2002. The domestication of social cognition in dogs. *Science* 298:1634-1636, DOI: <http://www.jstor.org/stable/3832853>

## OTHER MANUSCRIPTS

Brown, M. and Gaffney, M. Submitted. Range utilization slopes as a measure of central tendency and intergroup overlap in primates. *Behavioral Ecology and Sociobiology*.

Jones, R.A., Frogge, H., Dopulos, C., Lee, L., Mitchell, S., Soto, A., Tetreault, F., Utter, J., Valdez, A., Emery Thompson, M., Thompson González, N., Brown, M. In prep. When does a common parasite become pathogenic? Health and disease in blue monkeys (*Cercopithecus mitis*).

Steinitz, R., Potts, K., Bryer, M., Rothman, J., Emery Thompson, M., & Brown, M. In prep. Energetic and reproductive consequences of interspecific competition on a small-bodied primate.

## INVITED TALKS

Nov 2021	University of Michigan	Evolution and Human Adaptation Program
Mar 2021	Univ. Southern California	Dept of Biological Sciences
Dec 2020	Duke University	Long Term Animal Research Seminar series
Nov 2020	UC Santa Barbara	Dept of Ecology, Evolution, and Marine Biology
	New York Consortium in Evolutionary Primatology	New York Regional Primatology Colloquium Series
	Stony Brook University	Behavioral Ecology Group
	Duke University	Evolutionary Anthropology Seminar series
Jan 2020	Max Planck Institute	Research Group Leader Symposium
May 2019	UC Santa Cruz	Department of Anthropology
	UC Santa Barbara	Center for Evolutionary Psychology
Nov 2018	UC Santa Barbara	Dept of Anthropology
Oct 2016	UCLA	Center for Behavior, Evolution, & Culture
Mar 2016	Arizona State University	Evolution of Social Complexity Seminar series
Sep 2015	NIMBioS	“Evolution and Warfare” workshop
Mar 2015	UC Davis	Dept of Anthropology
Oct 2014	Florida Atlantic University	Dept of Anthropology
May 2014	UC Santa Barbara	Dept of Anthropology
Jan 2014	Kent State University	Dept of Anthropology
Jan 2011	University of Pennsylvania	Depts of Biology and Psychology
Nov 2010	Stony Brook University	Behavioral Ecology Group
Nov 2010	Yale University	Dept of Anthropology

## CONFERENCE PRESENTATIONS (2015-2021)

Brown, M., Gaffney, M., and Emery Thompson, M. May 2021. "Ranging correlates with energy balance among red-tailed monkey (*Cercopithecus ascanus*) groups." American Association of Physical Anthropologists (podium).

Steinitz, R., Emery Thompson, M., and Brown, M. May 2021. "Red-tailed monkeys (*Cercopithecus ascanus*) employ both behavioral and physiological strategies to overcome seasonal hardship." American Association of Physical Anthropologists (poster).

Kavanagh, E., ... Brown, M., ...Slocombe, K. Sep 2019. "Dominance style and vocal communication in primates." European Federation for Primatology (podium).

McLester, E., Brown, M., Steward, F.A., & Piel, A.K. Sep 2019. "Thermal constraints on habitat use in forest- and savanna mosaic-dwelling red-tailed monkeys (*Cercopithecus ascanus*)." European Federation for Primatology (poster).

Knott, C.D., Crowley, B., Brown, M., Susanto, T.W. March 2019. "Fecal isotopes as indicators of weaning and diet in wild Bornean orangutans." American Association of Physical Anthropologists (podium).

Frogge, H., Utter, J., Jones, R., and Brown, M. April 2019. "Health and Disease in a Declining Population of Blue Monkeys (*Cercopithecus mitis*)." California Workshop on Evolutionary Social Sciences (poster). Awarded 2<sup>nd</sup> place in student poster competition.

Utter, J., Frogge, H., Jones, R., and Brown, M. April 2019. "Evaluation of analytical methods for measuring gastrointestinal parasite burden and implications for long-term sample storage." California Workshop on Evolutionary Social Sciences (poster).

Brown, M. August 2018. "Sex-specific (and individual and group-wide) responses to neighboring groups' long-distance vocalizations in wild grey-cheeked mangabeys (*Lophocebus albigena*) in Kibale National Park, Uganda." International Primatological Society (podium).

Steinitz, R.B., Emery Thompson, M., and Brown, M. May 2018. "Surviving on scraps: Red-tailed monkeys rely on important foods during times of intense feeding competition." California Workshop on Evolutionary Social Sciences (poster).

Gaffney, M. and Brown, M. May 2017. "A test of the risk hypothesis: home range utilization patterns correspond with physical risk during intergroup encounters." California Workshop on Evolutionary Social Sciences (poster). Awarded 1<sup>st</sup> place in student poster competition.

Brown, M. August 2016. "Correlated functions and outcomes of intergroup aggression in wild redtail monkeys (*Cercopithecus ascanus*) in Kibale National Park, Uganda." International Primatological Society / American Society of Primatologists (podium).

Jones, R.A. and Brown, M. August 2016. "Parasite infection in wild blue monkeys (*Cercopithecus mitis*) in Kibale National Park, Uganda." International Primatological Society / American Society of Primatologists (podium).

Brown, M. April 2015. "Male monopolies and female gangs: conflicts of interest during primate intergroup interactions." California Workshop on Evolutionary Social Sciences (podium).

Brown, M. and Emery Thompson, M. March 2015. “Energy balance and stress responses correspond with individual participation by redbtail monkeys in aggressive intergroup interactions.” American Association of Physical Anthropologists (poster).

## **MENTORING**

BA honors thesis advisor, Sean Crommelin, in progress (UCSB)  
MA/PhD committee chair, Ronnie Steinitz, in progress (UCSB)  
MA/PhD committee chair, Hannah Frogge, in progress (UCSB)  
MA committee member, Zhian Chen, in progress (UCSB)  
MA committee member, Bidisha Chakraborty, in progress (UC Davis)  
MS committee member, James Robert Ochieng, 2019 (Makerere University)  
BS committee member, Joel Steven, 2019 (Makerere University)  
BS committee member, Salmah Jombela, 2019 (Makerere University)  
MA committee chair, Evan Beierschmitt, 2018 (UCSB)  
PhD committee member, Angela Garcia, 2018 (UCSB)  
MS committee member, Mary Alum, 2012 (Makerere University)

*Individualized research training for 45 UCSB undergraduates, half from under-represented minorities in STEM fields and a quarter of whom are now in graduate school.*

## **TEACHING AT UCSB**

ANTH 153T Primate Behavior (upper-division undergraduate lecture)  
ANTH 103 Human-Wildlife Interactions (upper-division undergraduate seminar)  
ANTH 123 Feeding Ecology in Primates & Humans (upper-division undergraduate seminar)  
ANTH 197 Endocrinology Laboratory Methods (upper-division lab course)  
ANTH 202 Advanced Topics in Primatology (graduate seminar)  
ANTH 241 Current Methods & Theory in Biological Anthropology (graduate seminar)  
ANTH 250 Professional Development (graduate seminar)  
INT 84ZP Observing Behavior (undergraduate honors seminar)

## **UNIVERSITY SERVICE**

BioEngineering COVID-19 Building Committee (2021-present)  
Department of Anthropology *Ad Hoc* Committee on Antiracism (2020)  
Department of Anthropology Diversity Committee (2016 - 2017, 2020 - present)  
Department of Anthropology Graduate Committee (2016 - 2019)  
Department of Anthropology Colloquium Committee (2015 - 2016)

## **PROFESSIONAL SERVICE & AFFILIATIONS**

American Association of Physical/Biological Anthropologists (member)  
Animal Behavior Society (member)  
American Journal of Primatology (Editorial Board member and reviewer)  
Behavioural Processes (reviewer)  
Evolutionary Anthropology (Associate Editor and reviewer)  
Hormones and Behavior (reviewer)

International Journal of Primatology (member and reviewer)  
International Society of Wildlife Endocrinology (member)  
Leakey Foundation (reviewer)  
Max Planck Institute of Animal Behavior, Dept for the Ecology of Animal Societies (reviewer)  
National Geographic Society (reviewer)  
National Science Foundation (reviewer)  
PLOS One (reviewer)  
PNAS (reviewer)  
Primates (reviewer)