

RONNIE BAILEY-STEINITZ

INTEGRATIVE ANTHROPOLOGICAL SCIENCES - UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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EDUCATION

2017 – 24 **Ph.D. Candidate, Integrative Anthropological Sciences**, University of California, Santa Barbara
2021 **M.A., Anthropology**, University of California, Santa Barbara
2015 **M.S., Biology**, University of California, San Diego
2013 **B.S., Ecology, Behavior, and Evolution**, University of California, San Diego

PROFESSIONAL INTERESTS

- Feeding ecology and energetics
- Wildlife conservation
- Community and population ecology
- Spatial ecology (R, GIS)

PUBLICATIONS

Brown, M; **Steinitz, R**; Emery Thompson, M (2022) Wins and losses in intergroup conflicts reflect hunger and satiation for red-tailed monkeys. *Philosophical Transactions of the Royal Society B*. DOI: 10.1098/rstb.2021.0152

Steinitz, R; Pasachnik, SA; Lemm, JM; Kurle, CM (2016) Diet-tissue stable isotope ($\Delta^{13}\text{C}$ and $\Delta^{15}\text{N}$) discrimination factors for multiple tissues from terrestrial reptiles. *Rapid Communications in Mass Spectrometry*, 30 (1), 9-21. DOI: 10.1002/rcm.7410

Steinitz, R and Kurle, CM (2014) Sample collection protocol for stable isotope analysis. IUCN Iguana Specialist Group <<http://www.iucn-isg.org>>

PAPERS IN PREPARATION

Brown, M; Klein, JRV; Gussone, L; **Steinitz, R**; Emery Thompson, M (*in prep*) Hidden Hierarchies: energetic effects of feeding competition in red-tailed monkeys.

Steinitz, R; Mackay, K; Brown, M (*in prep*) Evaluation of NDVI and EVI as measures of food availability for fruit-eating monkeys.

Steinitz, R; Emery Thompson, M; Brown, M (*in prep*) Chimpanzees constrain red-tailed monkey (*Cercopithecus ascanius*) energy gain

Steinitz, R; Pasachnik, SA; Kurle, CM (*in prep*) Dietary niche partitioning of wild rock iguanas (*Cyclura* spp.) in the Dominican Republic

CONFERENCE PRESENTATIONS (*presenter)

Gussone, L*; **Steinitz, R**; Crommelin, S; Brown, M (2023) Predictors of territorial gains and losses in red-tailed monkeys (*Cercopithecus ascanius*). Animal Behavior Society. Portland, Oregon.

Gussone, L*; **Steinitz, R**; Crommelin, S; Brown, M (2023) Predictors of territorial gains and losses in red-tailed monkeys (*Cercopithecus ascanius*). California Workshop for Evolutionary Social Sciences. UC Merced, California.

Mackay, K*; **Steinitz, R**; Brown, M (2022) Evaluation of NDVI and EVI as measures of food availability for fruit-eating monkeys. California Geographical Society, Virtual. (*Won first place presentation*)

Steinitz, R*; Brown, M (2022) Disruptors and the role of competitive exclusion within a frugivore guild. International Primatological Society. Quito, Ecuador. (*Withdrawn due to COVID-19*)

Steinitz, R*; Brown, M (2021) Competition by chimpanzees prevents red-tailed monkeys from pursuing

high-quality foods. California Workshop for Evolutionary Social Sciences. Virtual.

Steinitz, R*, Emery Thompson, M; Brown, M (2021) Red-tailed monkey foraging behavior does not correspond to energetic condition. American Association of Physical Anthropology. Virtual.

Steinitz, R* (2021) The Forest or the Trees: scaling measurements of food availability. Lightning Talks, Center for Spatial Studies, UC Santa Barbara, California.

Steinitz, R*; Emery Thompson, M; Brown, M (2018) Food Fights: inter-species feeding competition affects red-tailed monkey energy balance. California Workshop for Evolutionary Social Sciences. UC Santa Barbara, California.

Steinitz, R*; Pasachnik, SA; Kurle, CM (2013) The use of stable isotope analysis to decipher food webs of wild rock iguanas (*Cyclura* spp.) in the Dominican Republic. IUCN Iguana Specialist Group. Kingston, Jamaica.

Steinitz, R*; Endler, M*; Davila, D* (2012) Polyandry as an evolutionary stable strategy in common marmosets (*Callithrix jacchus*). Undergraduate Research Symposium. UC San Diego, California.

INVITED TALKS

- 2022 *Out and About?* Dangers and other challenges of fieldwork for LGBTQ+ scientists. UC Field Leadership Training Summit. Lake Arrowhead, California.
- 2021 Chimpanzees Constrain Red-tailed Monkey Energy Balance. Center for Evolutionary Psychology. UC Santa Barbara, California.
- 2018 Being a queer primate ecologist. UCSB OUTreach seminar for LGBTQ+ visibility in STEM
- 2018 *Weaving Food Webs: Putting "Ecology" back into Primate Feeding Ecology.* Anthropology Department Speaker Series. UC Santa Cruz, California.

PUBLIC MEDIA

- 2020 [A DISTANT REFUGE](#): A UC Santa Barbara doctoral student studies primates at a small wildlife reserve in western Uganda. Jim Logan, The Current.
- 2020 [THAT ANTHRO PODCAST](#): Ecology and Animal Behavior with Ronnie Bailey-Steinitz. Host: Gabriella Campbell.
- 2020 [ANSWERS IN EXCREMENT](#): Fecal analysis yields insight about wild primates. Chia-Yi Hou, Mongabay.
- 2019 [WHY DO CHIMPS THROW POOP?](#) Chia-Yi Hou, Live Science.
- 2017 [WATCH ME WORK: ECOLOGIST](#). S'more magazine for young scientists.

GRANTS AND FELLOWSHIPS

- 2022 National Science Foundation Doctoral Dissertation Research Improvement Grant (\$31,062)
- 2022 Charles J. Erasmus Fund for Research – Anthropology, UCSB (\$900)
- 2021 UCSB Graduate Opportunity Fellowship (\$42,435)
- 2021 Anthropology Department Grant, UCSB (\$1000)
- 2021 Graduate Student Research and Training Grant – Broom Center for Demography (\$2000)
- 2020 Graduate Student Research and Training Grant – Broom Center for Demography (\$2000)
- 2019 Charles J. Erasmus Fund for Research – Anthropology, UCSB (\$900)
- 2019 Summer Research Block Grant – Integrative Anthropological Sciences, UCSB (\$2,425)
- 2019 Graduate Student Research and Training Grant – Broom Center for Demography (\$2000)

- 2018 Summer Research Block Grant – Anthropology, UCSB (\$2000)
- 2018 Charles J. Erasmus Fund for Research – Anthropology, UCSB (\$1175)
- 2018 Graduate Student Research and Training Grant – Broom Center for Demography (\$2000)
- 2017 UC Regents Fellowship (\$45,398)
- 2016 Independent Research Grant – US Geological Survey (\$2000)
- 2013 Academic Enrichment Program Travel Grant – UCSD (\$500)
- 2013 IUCN – Iguana Specialist Group Conference Travel Grant (\$250 + accommodations)
- 2013 David Marc Belkin Memorial Research Scholarship (\$3500)

HONORS AND AWARDS

- 2023 People's Choice Award – [Art of Science Competition](#), UCSB
- 2021 Excellence in Teaching Award (*Nominee*) – Graduate Student Association, UCSB
- 2020 Outstanding Teaching Award (*Nominee*) – Academic Senate, UCSB
- 2020 Excellence in Teaching Award (*Nominee*) – Graduate Student Association, UCSB
- 2019 Excellence in Teaching Award (*Nominee*) – Graduate Student Association, UCSB
- 2014 Excellence in Teaching Award – Division of Biological Sciences, UCSD
- 2012, 2013 Provost Honors – Thurgood Marshall College, UCSD

OUTREACH

- 2021 – 24 Director – AGSA Undergraduate and Graduate Student Mentorship Program, UCSB
- 2023 Founding member – MEnDS: working group on increasing DEI in Data Science, NCEAS
- 2021 – 23 Steering committee member – California Workshop on Evolutionary Social Sciences
- 2021, 23 Graduate student mentor – International Graduate Student Workshop, UCSB
- 2019 – 22 Program developer – Field Safety Steering Committee, UCSB
- 2019 – 21 President – Anthropology Graduate Student Association (AGSA), UCSB
- 2019 Co-director – FieldWORKshop: Navigating Challenges in Fieldwork, UCSB
- 2019 Panelist – National Geographic Women of Impact
- 2018 – 21 Graduate student mentor – Graduate Biology Mentorship Association, UCSB
- 2018 – 19 Secretary, Outreach co-chair – Anthropology Graduate Student Association, UCSB
- 2018 Board member – recruitment board, Science and Engineering Research Academy, UCSB
- 2017 – 18 Department representative – Graduate Student Association, UCSB
- 2017 – 18 Contributing member – STEM Squad: Women in STEM science outreach platform
- 2014 – 15 Graduate student mentor – Ecology, Behavior and Evolution Undergraduate Club, UCSD
- 2012 – 13 Provost Steering Committee member – Dimensions of Culture, Marshall College, UCSD
- 2012 Wildlife advisor – Science, San Diego High Tech Middle School
- 2012 Volunteer research assistant – Applied Animal Ecology, San Diego Zoo Global
- 2009 Wildlife caretaker – Parque Ambue Ari Wildlife Refuge, Bolivia

PEER REVIEWER

- 2017, 2020 RAPID COMMUNICATIONS IN MASS SPECTROMETRY – Analytical Chemistry, Spectrometry
- 2018 UCSB ENVIRONMENTAL HEALTH AND SAFETY – Campus Safety Program Review
- 2017 BIOLOGICAL INVASIONS – Ecology, Evolution, Behavior, and Systematics

TEACHING

ASSOCIATE/LECTURER

2023 FA	Associate – ANTH153T: Primate Behavior, Anthropology, UCSB
2022 SP	Guest lecturer – ANTH123: Data Analysis, “Geospatial data visualization”, UCSB
2021 FA	Guest lecturer – ANTH153: Primate Behavior, “Food, foraging, and females”, UCSB
2019 FA	Guest lecturer – ANTH153: Primate Behavior, “Primate conservation”, UCSB
2019 FA	Guest lecturer – ANTH153: Primate Behavior, “Male strategies”, UCSB
2018 FA	Guest lecturer – ANTH153: Primate Behavior, “Evolution of sex”, UCSB
2018 SU	Associate – INT93 LS: The Story of Life on Earth, Summer Research Academy, UCSB
2017 SP	Adjunct lecturer - Human Anatomy Lecture and Laboratory, <u>Moorpark College</u>
2016 FA	Adjunct lecturer - Human Anatomy Lecture and Laboratory, <u>Moorpark College</u>
2016 SP	Adjunct lecturer - Human Anatomy Lecture and Laboratory, <u>Moorpark College</u>

ASSISTANT

ENVIRONMENTAL SCIENCES	ENV S 60: Applied Ecology (SU '22, SU '23) ENV S 100: Environmental Ecology (SU '21) ENV S 112: World Population (SU '21)
ANTHROPOLOGY	ANTH 153T: Primate Behavior (FA '18, FA '19, FA '20, FA '22) ANTH 5: Introductory Biological Anthropology (FA '17, SP '20, WI '23) ANTH 7: Introductory Biosocial Anthropology (WI '19, WI '21) ANTH 2: Introductory Social Anthropology (SU '20)
BIOLOGY (UCSD)	BILD 3: Organismal and Evolutionary Biology (SU '13; FA '13; FA '14) BIEB 150: Evolution (WI '14) BIEB 176: Conservation and the Human Predicament (SP '14)
ANTHROPOLOGY (UCSD)	ANTH 42: The Study of Primates in Nature (SP '12)

MENTORSHIP OF UNDERGRADUATE RESEARCH

2023 - 24	Ada Ellisman	Faculty Research Assistant Program, UC Santa Barbara
2023 - 24	Avery Rubenstein	Faculty Research Assistant Program, UC Santa Barbara
2022 - 23	John Milinazzo	Faculty Research Assistant Program, UC Santa Barbara
2021 - 22	Katharine Mackay	Faculty Research Assistant Program, UC Santa Barbara
2021 - 22	Jordan Cooper	Faculty Research Assistant Program, UC Santa Barbara
2021 - 22	Joshua Alamillo	Faculty Research Assistant Program, UC Santa Barbara
2019 - 20	Basiibye Joel	Environmental Sciences Internship, Makerere University, Uganda
2019 - 20	Jombela Salmah	Environmental Sciences Internship, Makerere University, Uganda
2019 - 20	Julia Bueno Strong	Faculty Research Assistant Program, UC Santa Barbara
2019 - 20	Lara Havandjian	Faculty Research Assistant Program, UC Santa Barbara
2018 - 20	Nicole Wallace	Faculty Research Assistant Program, UC Santa Barbara
2018 - 20	Hannah Frogge	Fieldwork Internship UCGHI, UC Santa Barbara
2018 - 19	Lyssa Stiffelman	Faculty Research Assistant Program, UC Santa Barbara
2014	Gillian McDivitt	Biology Undergraduate Independent Study Program, UC San Diego
2014	Erin Manaigo	Summer Training Academy for Research in the Sciences, UC San Diego

PROFESSIONAL ASSOCIATIONS

INTERNATIONAL PRIMATOLOGICAL SOCIETY (IPS)

AMERICAN ASSOCIATION OF BIOLOGICAL ANTHROPOLOGISTS (AABA)

CALIFORNIA WORKSHOP ON EVOLUTIONARY SOCIAL SCIENCE (CWESS)

BROOM CENTER FOR DEMOGRAPHY

REFERENCES

Please contact me for names and addresses of professional references.