

RONNIE BAILEY-STEINITZ

RONNIE.STEINITZ@GMAIL.COM • WWW.ROAMINGECOLOGIST.COM

WILDLIFE BIOLOGY • PHYSIOLOGY • COMMUNITY ECOLOGY • SPATIAL ECOLOGY (R, GIS)

EDUCATION

- 2024 **Ph.D.** University of California, Santa Barbara - Integrative Anthropological Sciences
2021 **M.A.** University of California, Santa Barbara - Integrative Anthropological Sciences
2015 **M.S.** University of California, San Diego - Biology
2013 **B.S.** University of California, San Diego - Ecology, Behavior, and Evolution

PUBLICATIONS

- Steinitz R** (2024) The Tall Price of Being Small: the energetic and fitness costs of interspecific feeding competition in wild primates (Ph.D. Dissertation, UC Santa Barbara).
- 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** (2015). Diet-tissue stable isotope ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) discrimination factors for multiple tissues from terrestrial reptiles (rock iguanas, *Cyclura* species) (Master's thesis, UC San Diego).
- Steinitz R** and Kurle CM (2014) Sample collection protocol for stable isotope analysis. International Union for Conservation of Nature - IUCN Iguana Specialist Group. <http://www.iucn-isg.org>

PAPERS IN PREPARATION

- Gussone L, **Steinitz R**, Crommelin S, Emery Thompson M, Brown M. (*in prep*) Predictors of home range gains and losses in red-tailed monkeys (*Cercopithecus ascanius*).
- Reynolds A, Ho E, **Steinitz R**, et al. (*in prep*) Assessing, improving, and enacting best practices for the inclusion of queer field scientists.
- Coffey J, Heesch H, ... **Steinitz R**, et al. (*in prep*) Bobcat (*Lynx rufus*). In *Natural Communities Coalition – Environmental Health Assessment*, Chapter [TBD].
- 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*) Remote sensed vegetation indices predict frugivorous primate behavior and energetics in tropical rainforests.
- Steinitz R**, Emery Thompson M, Brown M (*in prep*) Energy consequences of intra-guild feeding competition in a primate community.

CONFERENCE PRESENTATIONS (*presenter)

- Ellisman A*, Rubenstein A*, Milinazzo J, Brown M, **Steinitz R** (2024) Wasting away: predictors of energetic deficits in red-tailed monkeys (*Cercopithecus ascanius*). Ecological Society of America, Long Beach, California.

- 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.
- 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. (*First place presentation award*)
- 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

- | | |
|------|--|
| 2023 | The Tall Price of Being Small: The effect of competition on small primates. Anthropology Day Alumni Event. UC Santa Barbara, California. |
| 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 ecologist. OUTreach seminar for LGBTQ+ visibility in STEM. UC Santa Barbara, California. |
| 2018 | Weaving Food Webs: Putting "Ecology" back into Primate Feeding Ecology. Speaker Series. Department of Anthropology. UC Santa Cruz, California. |

FELLOWSHIPS

- | | |
|------|--|
| 2024 | Ridley-Tree Scholarship (\$1,561) |
| 2021 | UCSB Graduate Opportunity Fellowship (\$42,435) |
| 2017 | UC Regents Fellowship (\$45,398) |
| 2013 | David Marc Belkin Memorial Research Scholarship (\$3500) |

GRANTS

2024	Summer Research Grant – Integrative Anthropological Sciences, UCSB
2022	National Science Foundation Doctoral Dissertation Research Improvement Grant (\$31,062)
2022	Charles J. Erasmus Fund for Research – Anthropology, UCSB (\$900)
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 Grant – Integrative Anthropological Sciences, UCSB (\$2,425)
2019	Graduate Student Research and Training Grant – Broom Center for Demography (\$2000)
2018	Summer Research 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)
2016	Independent Research Grant – US Geological Survey (\$2000)
2013	Academic Enrichment Program Grant – UCSD (\$500)
2013	IUCN – Iguana Specialist Group Conference Travel Grant (\$500)

ACADEMIC HONORS AND AWARDS

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

ACADEMIC SERVICE

2024	Co-organizer – Queer and Trans Inclusive Fieldwork Summit, University of California
2021 – 24	Director – AGSA Undergraduate and Graduate Student Mentorship Program, UCSB
2021 – 23	Student organizer – 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
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	Member – Anthropology Graduate Student Association, UCSB
2017 – 18	Department representative – Graduate Student Association, UCSB
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	Student research assistant – Applied Animal Ecology, San Diego Zoo Global

OUTREACH

- 2019 Panelist – National Geographic Women of Impact
 2017 – 18 Contributor – STEM Squad: Women in STEM science outreach platform
 2012 Science mentor – San Diego High Tech Middle School, San Diego
 2009 Volunteer wildlife caretaker – Parque Ambue Ari Wildlife Refuge, Bolivia

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. <https://www.news.ucsb.edu/2020/019786/distant-refuge>
 2020 That Anthro Podcast: Ecology and Animal Behavior with Ronnie Bailey-Steinitz. Host: Gabriella Campbell. <https://podcasters.spotify.com/pod/show/gabby-campbell/episodes/Ecology-and-Animal-Behavior-with-Ronnie-Bailey-Steinitz-em35p5>
 2020 Answers in Excrement: Fecal analysis yields insight about wild primates. Chia-Yi Hou, Mongabay. <https://news.mongabay.com/2020/01/answers-in-excrement-fecal-analysis-yields-insight-about-wild-primates/>
 2019 Why Do Chimps Throw Poop? Chia-Yi Hou, Live Science. <https://www.livescience.com/66042-why-chimps-throw-poop.html>
 2017 Watch Me Work: Ecologist. S'more Magazine for young scientists. <https://www.smorescience.com/watch-ecologist-ronnie-steinitz-at-work/>

TEACHING**ASSOCIATE/LECTURER**

- | | | |
|-----------|----------------|---|
| 2024 | Lecturer | ANTH103: Human-Wildlife Conflict, Anthropology, UCSB |
| 2024 | Lecturer | ANTH153T: Primate Behavior, Anthropology, UCSB |
| 2024 | Guest lecturer | ANTH123: Data Analysis, "Data visualization and storytelling", UCSB |
| 2023 | Associate | ANTH153T: Primate Behavior, Anthropology, UCSB |
| 2022 | Guest lecturer | ANTH123: Data Analysis, "Geospatial data visualization", UCSB |
| 2021 | Guest lecturer | ANTH153: Primate Behavior, "Food, foraging, and females", UCSB |
| 2019 | Guest lecturer | ANTH153: Primate Behavior, "Primate conservation", UCSB |
| 2019 | Guest lecturer | ANTH153: Primate Behavior, "Male strategies", UCSB |
| 2018 | Guest lecturer | ANTH153: Primate Behavior, "Evolution of sex", UCSB |
| 2018 | Associate | INT93 LS: The Story of Life on Earth, Summer Research Academy, UCSB |
| 2016 - 17 | Lecturer | Human Anatomy Lecture and Laboratory, Moorpark College |

ASSISTANT

- | | |
|------------------------|--|
| ENVIRONMENTAL SCIENCES | Applied Ecology
Environmental Ecology
World Population |
| ANTHROPOLOGY | Evolutionary Medicine
Primate Behavior
The Study of Primates in Nature |

Human-Wildlife Conflict
Introductory Biological Anthropology
Introductory Biosocial Anthropology
Introductory Cultural Anthropology

BIOLOGY Organismal and Evolutionary Biology
 Evolution
 Conservation and the Human Predicament

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 - 15	Gillian McDivitt	Biology Undergraduate Independent Study Program, UC San Diego
2014	Erin Manaigo	Summer Training Academy for Research in the Sciences, UC San Diego

PEER REVIEW

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

PROFESSIONAL ASSOCIATIONS

INTERNATIONAL PRIMATOLOGICAL SOCIETY (IPS)
AMERICAN ASSOCIATION OF BIOLOGICAL ANTHROPOLOGISTS (AABA)
CALIFORNIA WORKSHOP ON EVOLUTIONARY SOCIAL SCIENCE (CWESS)
BROOM CENTER FOR DEMOGRAPHY

SEARCH AND RESCUE

2023 – Present **RESCUE VOLUNTEER & TRAINING OFFICER**, San Diego Sheriff's Office Search and Rescue

TRAINING AND SPECIAL SKILLS

- Emergency Medical Responder + CPR
- Tactical search
- Technical and ropes rescue
- Navigation and tracking (day & night, urban & backcountry, topo map, compass, GPS)
- Radio and communications

- Survival
- Off-road vehicle operation, rough terrain

REFERENCES

Please contact me for names and addresses of professional references