

# RONNIE BAILEY-STEINITZ

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FEEDING ECOLOGY • COMMUNITY ECOLOGY • WILDLIFE CONSERVATION • SPATIAL ECOLOGY (R, GIS)

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## 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

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| 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

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| 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 – <a href="#">Art of Science Competition</a> , 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**

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|-----------|----------------|---|
| 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**

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|------------------------|--|
| ENVIRONMENTAL SCIENCES | Applied Ecology<br>Environmental Ecology<br>World Population                 |
| ANTHROPOLOGY           | Evolutionary Medicine<br>Primate Behavior<br>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 PHYSICAL ANTHROPOLOGISTS (AAPA)  
 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 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*