

# RONNIE BAILEY-STEINITZ

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WILDLIFE BIOLOGY • PHYSIOLOGY • COMMUNITY ECOLOGY • 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

## PROFESSIONAL EXPERIENCE

2025 – Present **Post-Doctoral Scientist** Dian Fossey Gorilla Fund  
2025 – Present **Visiting Scholar** University of Michigan  
2024 **Lecturer** University of California, Santa Barbara

## 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

Reynolds A, Ho E, **Steinitz R**, et al. (*in prep*) Assessing, improving, and enacting best practices for the inclusion of queer field scientists.

**Steinitz R**, Mackay K, Brown M (*in prep*) Remote sensed vegetation indices predict frugivorous primate behavior and energetics in tropical rainforests.

**Steinitz R**, Angedakin S, Potts K, Bryer M, Emery Thompson M, Brown M (*in prep*) Energy consequences of intraguild feeding competition in a primate community.

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*).

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.

**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**

- 2025 Keynote Speaker, Belkin Scholarship Alumni at UCSD Summer Research Conference, San Diego, CA.
- 2025 Survival of the Smallest: Navigating Competitive Landscapes at the Bottom of the Feeding Hierarchy. Biological Anthropology Meeting, Department of Anthropology, University of Michigan, Michigan.
- 2025 From GPS to Graphics: Wrangling and Mapping Wildlife Movement in R. Department of Anthropology, San Diego State University, California.
- 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 (\$2000)
- 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 Summer Research Grant – Academic Enrichment Program, 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 (*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

## 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-campbell1/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.smoescience.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, <i>"Primate conservation"</i> , UCSB
2019	Guest lecturer	ANTH153: Primate Behavior, <i>"Male strategies"</i> , UCSB
2018	Guest lecturer	ANTH153: Primate Behavior, <i>"Evolution of sex"</i> , 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
BIOLOGY	Evolution Organismal and Evolutionary Biology Conservation and the Human Predicament
ANTHROPOLOGY	Evolutionary Medicine Primate Behavior The Study of Primates in Nature Human-Wildlife Conflict Introductory Biological Anthropology Introductory Biosocial Anthropology Introductory Cultural Anthropology

## MENTORSHIP OF UNDERGRADUATE RESEARCH

2025 -	Stella Wurtz	Department of Anthropology, University of Michigan
2025 -	Zooey Raux	Department of Anthropology, University of Michigan
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
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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
- Wilderness survival
- Navigation and tracking (day & night, urban & backcountry, topo map, compass, GPS)
- Radio communications
- Off-road vehicle operation in rough terrain

### REFERENCES

*Please contact me for names and addresses of professional references*