

Courtney Reed
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EDUCATION

Brown University, Providence, RI 2018 – Pres.
Ph.D. Candidate in Ecology, Evolutionary, and Organismal Biology
Advisor: Dr. Tyler Kartzinel

Harvard University Extension School, Cambridge, MA 2018
M.L.A. in Biology
Advisor: Dr. Hopi Hoekstra
Thesis: Reproductive physiology as a foundation for developing transgenic *Peromyscus*

University of North Carolina, Chapel Hill, NC 2014
B.A. in Economics; second major in African Studies

PUBLICATIONS

† Indicates students mentored; * Indicates joint first-authorship

Alston JM*, **Reed CG***, Khasoha L, Brown BRP, Busienei G, Carlson N, Coverdale TC, Dudenhoefter MO, Dyck M, Ekeno J, Hassan AA, Hohbein R, Jakopak RP, Kimiti B, Kurukuru S, Lokeny P, Louthan AM, Musila S, Musili PM, Tindall T, Weiner S, Kartzinel TR, Palmer TM, Pringle RM, Goheen JR. 2022. Ecological consequences of large herbivore exclusion in an African savanna: 12 years of data from the UHURU experiment. *Ecology* in press.

Wells HBM, Crego RD, Opedal ØH, Khasoha LM, Alston JM, **Reed CG**, Weiner S, Kurukura S, Hasson AA, Namoni M, Ekadeli J, Kimuyu DM, Young TP, Kartzinel TR, Palmer TM, Pringle RM, Goheen JR. 2021. Experimental evidence that effects of megaherbivores on mesoherbivore space use are influenced by species' traits. *Journal of Animal Ecology*, 90(11): 2510-2522. doi: 10.1111/1365-2656.13565

- Cover article

PRESENTATIONS

Animal Behavior Society Virtual Meeting 2020
Title: Herbivore behavior shapes food web structure in response to changing resources

American Society of Mammalogists Annual Meeting 2019
Washington, D.C.
Title: Increased vegetation diversity decreases specialization of small mammal dietary networks on a Kenyan savanna

Institute at Brown for Environment and Society Earth Itself Conference 2019
Providence, RI
Title: Increased dietary generalization promotes food network stability following defaunation on a Kenyan savanna

Harvard Extension School ALM Thesis Symposium 2018
Cambridge, MA
Title: Reproductive physiology as a foundation for developing transgenic *Peromyscus*

POSTERS

Comparative Nutrition Society Virtual Symposium 2020
Title: Dik-diks prefer less thorny *Acacias* after competitive release

13th Annual Broad Institute Scientific Retreat 2017
Cambridge, MA
Title: Reproductive physiology as a foundation for developing transgenic *Peromyscus*

Conservation of Adaptive Potential and Functional Biodiversity Conference 2017
Durham, UK
Title: Reproductive physiology as a foundation for developing transgenic *Peromyscus*

AWARDS

Comparative Nutrition Society Malcolm Ramsey Memorial Scholarship 2020
1st Place – IBES Earth Itself Flash Talk Competition 2019
Harvard ALM Dean's Prize for Outstanding Thesis in Biology 2018

GRANTS AND FELLOWSHIPS

Society for Integrative and Comparative Biology Grad Student Travel Award (\$2,000) 2022
IBES Graduate Research, Training, and Travel Award (\$4,000) 2021
American Society of Mammalogists James L. Patton Award (\$5,000) 2021
Brown EEB Departmental Dissertation Enhancement Grant (\$10,000) 2020
American Philosophical Society Lewis and Clark Award (\$4,000) 2020
Animal Behavior Society Student Research Grant (\$1,000) 2020
IBES Graduate Research, Training, and Travel Award (\$4,900) 2019

TEACHING

Brown Sheridan Center Teaching Seminar Program
Course Design Seminar Spring 2022
Certificate 1: Reflective Teaching Fall 2019

Teaching Assistant
Brown University, ENVS 0490, Environmental Science in a Changing World Spring 2022
Brown University, Biology 1450, Community Ecology Spring 2020
Brown University, Biology 043, Evolution of Plant Diversity Spring 2019

Guest Lectures
Brown University, ENVS 0490, Environmental Science in a Changing World Spring 2022
Wheaton College, Biology 398, Plant Mutualisms Spring 2021
Brown University, Biology 043, Evolution of Plant Diversity Spring 2019

SERVICE

Journal Reviews: *Scientific Reports* (1), *Rangeland Ecology and Management* (1)

Brown EEOB Diversity and Inclusion Action Plan Committee 2021 – Pres.
Grad Student Representative

Animal Behavior Society Grant Language Editing Program 2021
Consultant on English grammar/syntax for students submitting research grants

President – EEOB Grad Student Association 2020 – 2021

IBES Diversity and Inclusion Action Plan Committee 2019 – 2020
Grad Student Representative

Coordinator for Brown EEOB Internal Seminar Series 2019 – 2020

Brown EEOB Undergraduate Career Panel 2019
Grad Student Representative

National Collegiate Research Conference 2017; 2018
Cambridge, MA
Poster Judge: Organismic/Evolutionary Biology and Environmental Sciences

MENTORSHIP

Leadership Alliance Mentor Summer 2021

Visiting Student Researchers

Chrishen Gomez (Spring 2020)

- 2019 Merdeka Award Grant Recipient, Bornean Carnivore Program, Malaysia

Harvard College Undergraduate Research Association 2017 – 2018
Research Mentor

PROFESSIONAL DEVELOPMENT

Guarda Evolutionary Biology Grant-Writing Workshop, Guarda, Switzerland 2018
Genome Engineering 5.0 Workshop, Broad Institute, Cambridge, MA 2017