

Courtney Reed
Department of Ecology and Evolutionary Biology
Brown University | Providence, RI, USA
courtney_reed@brown.edu

EDUCATION

- Brown University, Providence, RI** 2018 – Pres.
Ph.D. Candidate in Ecology and Evolutionary 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

Reed CG, Albert L, Gomez C[†], Hassan AA, Kurukura S, Stahl M, Palmer TM, Goheen JR, Pringle RM, Kartzinel TR. Changes in foraging behavior by a small browser following experimental extirpation of megaherbivores from a Kenyan savanna. In prep.

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. Ecological consequences of large herbivore exclusion in an African savanna: data from the UHURU experiment (2013-2019). In review at *Ecology*.

Wells HBM, Crego RD, Opedal ØH, Khasoha LM, Alston JM, **Reed CG**, Weiner S, Kurukura S, Hassan AA, Namoni M, Ekadeli J, Kimuyu DM, Young TP, Kartzinel TR, Palmer TM, Pringle RM, Goheen JR. Long-term experiments reveal effects of megaherbivores on mesoherbivore occurrence and use intensity, mediated by species' traits. Accepted to *Journal of Animal Ecology*.

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

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
Certificate 1: Reflective Teaching Fall 2019

Teaching Assistant
Brown University, Biology 1450, Community Ecology Spring 2020
Brown University, Biology 043, Evolution of Plant Diversity Spring 2019

Guest Lectures
Wheaton College, Biology 398, Plant Mutualisms Spring 2021
Brown University, Biology 043, Evolution of Plant Diversity Spring 2019

SERVICE

Journal Reviews: *Scientific Reports* (1)

Brown EEB Diversity and Inclusion Action Plan Mission Statement and Code of Conduct Subcommittee	2021 – Pres.
President – EEB Grad Student Association	2020 – 2021
IBES Diversity and Inclusion Action Plan Committee Grad Student Representative	2019 – 2020
Coordinator for Brown EEB Internal Seminar Series	2019 – 2020
Brown EEB Undergraduate Career Panel Grad Student Representative	2019
National Collegiate Research Conference Cambridge, MA Poster Judge: Organismic/Evolutionary Biology and Environmental Sciences	2017; 2018

MENTORSHIP

Leadership Alliance Research Mentor	Summer 2021
Visiting Student Researchers <ul style="list-style-type: none"> • Crishen Gomez (Spring 2020) <ul style="list-style-type: none"> ○ 2019 Merdeka Award Grant Recipient, Bornean Carnivore Program, Malaysia 	
Harvard College Undergraduate Research Association Research Mentor	2017 – 2018

PROFESSIONAL DEVELOPMENT

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