

Courtney Reed
Brown University
Department of Ecology and Evolutionary Biology
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EDUCATION

Ph.D. Student (2018 – Pres.)
Brown University
Department of Ecology and Evolutionary Biology
Advisor: Tyler Kartzinel

M.L.A. in Biology (May 2018)
Harvard University Extension School
Advisor: Hopi Hoekstra

B.A. in Economics and African Studies (May 2014)
University of North Carolina at Chapel Hill

RESEARCH EXPERIENCE

Hoekstra Lab, Harvard University
Masters Student (Aug. 2016 – May 2018)

- Independent research on *Peromyscus* reproductive physiology and development of transgenic protocols
- Assisted with research on the genetic and neurological mechanisms responsible for variation in *Peromyscus* mouse behavior

UNC Department of African Studies
Research Assistant to Dr. Lydia Boyd (2012 – 2013)

- Researched relationships amongst HIV, religion, and contraceptive use in young adults in Uganda

Durham Cares – nonprofit company that seeks to connect donors with sustainable development organizations
Intern (2010 – 2012)

- Researched long-term effectiveness of international conservation and community development initiatives
- Educated clients on assessment metrics for development work

EMPLOYMENT

Harvard Museum of Natural History (Cambridge, MA)
Visitor Services (2016 – 2018)

Wake Dermatology Associates (Raleigh, NC)
Medical Assistant (2015 – 2016)

Gwinnett Environmental and Heritage Center (Buford, GA)
Outdoor Climbing Instructor (2014)

PRESENTATIONS

Harvard Extension School ALM Thesis Symposium (May 2018)

CONFERENCES

15th Annual Microbial Sciences Symposium (April 2018)
Harvard University, Cambridge, MA

National Collegiate Research Conference (Jan. 2018)
Harvard University, Cambridge, MA

- Poster Judge: Organismic/Evolutionary Biology and Environmental Sciences

13th Annual Broad Institute Scientific Retreat (Dec. 2016)
Broad Institute, Cambridge, MA

- Poster: Reproductive biology as a foundation for developing transgenic *Peromyscus*

Conservation of Adaptive Potential and Functional Diversity Conference (Sept. 2017)
Durham University, UK

- Poster: Reproductive biology as a foundation for developing transgenic *Peromyscus*

National Collegiate Research Conference (Jan. 2017)
Harvard University, Cambridge, MA

- Poster Judge: Organismic/Evolutionary Biology and Environmental Sciences

12th Annual Broad Institute Scientific Retreat (Dec. 2016)
Broad Institute, Cambridge, MA

WORKSHOPS AND COURSES

Evolutionary Biology Grant-Writing Workshop (June 2018)
3 ECTS credits through Basel University and ETH Zurich
Guarda, Switzerland

Genome Engineering 5.0 Workshop (May 2017)
Broad Institute, Cambridge, MA

Workshop: Best Practices for Variant Calling with the GATK (Nov. 2016)
Broad Institute, Cambridge, MA

AWARDS AND FELLOWSHIPS

Harvard ALM Dean's Prize for Outstanding Thesis in Biology (May 2018)

OUTREACH

Research Mentor for Harvard College Undergraduate Research Association (2017 – 2018)
Platelet Donor (2015 – 2018)
Girls on the Run (2013 – 2014)
Samaritan Health Center (2012)