

EDUCATION

PhD., Ecology and Evolutionary Biology, Princeton University–2017

M.A., Ecology and Evolutionary Biology, Princeton University–2014

M.Sc., Zoology, James Cook University–2011

B.S., Biology, *cum laude*, Brandeis University–2009

MAJORS–Biology, Environmental Studies, MINOR–Chemistry

PROFESSIONAL POSITIONS & FELLOWSHIPS

Donnelley Postdoctoral Environmental Fellow 2017–present

Yale University Institute for Biospheric Studies and Dept. of Ecology and Evolutionary Biology; New Haven, CT

First Year Fellowship in Science and Engineering 2012–2013

Princeton University Graduate School and Dept. of Ecology and Evolutionary Biology; Princeton, NJ

Research Assistant III, Restoration Ecology 2011–2012

Archbold Biological Station; Venus, FL

Fulbright Scholar 2010–2011

U.S. Dept. of State & James Cook University, School of Marine and Tropical Biology; Townsville, Australia

Southeast Michigan Ecological Restoration Assistant 2009

The Nature Conservancy; Tecumseh, MI

PRIMARY RESEARCH INTERESTS

Ecology of seasonally flooded ecosystems; especially the impacts of variable hydrological regimes as disturbance and dispersal agents;

Effects of war on African biodiversity and conservation;

RESEARCH FUNDING

Gorongosa Water Project—Gorongosa National Park (\$34,000), 2017–2018

Mary and Randall Hack Graduate Award for Water Research—Princeton Environmental Institute, 2015 (\$8,000)

NSF Doctoral Dissertation Improvement Grant, 2015–2016 (\$15,144)

Society of Wetland Scientists Student Research Grant, 2014 (\$1000)

Society of Wetland Scientists South Atlantic Chapter Student Research Grant, 2014 (\$800)

Idea Wild Research Equipment Grant, 2014 (\$1172)





PEER-REVIEWED PUBLICATIONS

1. **Daskin, J.H.** et al. In prep. Resource-driven habitat selection by browsing antelopes in a low-risk landscape.
2. **Daskin, J.H.** and Pringle, R.M. 2018. Warfare and wildlife declines in African protected areas. *Nature*. 553: 328-332.
3. Tucker, R.C., Rothermel, B.B., and **Daskin, J.H.** 2017. Preparing Florida pasture for grassland restoration: Seedling establishment after herbiciding and tilling. *Nat Areas J*. 37(1): 39–48.
4. **Daskin, J.H.** and Pringle, R.M. 2016. Modulation of the indirect effects of large herbivores by primary productivity: a global meta-analysis. *J Anim Ecol* 85(4): 857–868.

- Short-listed for British Ecological Society's Elton Award; Invited blog feature for



Joshua Daskin
joshua.daskin@yale.edu
www.JoshDaskinEcology.com

5. **Daskin, J.H.**, Stalmans, M., and Pringle, R.M. 2016. Ecological legacies of civil war: 35-year increase in savanna tree cover following wholesale large-mammal declines. *J Ecol* 1(4): 79–89.
 - Runner up for British Ecological Society's Harper Award; Featured by  ,  , & 
6. Woodhams, D.C., Alford, R.A., Antwis, R.E., Archer, H., Becker, M.H., Belden, L.K., Bell, S.C., Bletz, M., **Daskin, J.H.** et al. 2015. Antifungal isolates database of amphibian skin-associated bacteria and function against emerging fungal pathogens: Ecological Archives E096–059. *Ecology* 96:595–595.
7. **Daskin, J.H.**, S. C. Bell, L. Schwarzkopf, and R. A. Alford. 2014. Cool Temperatures Reduce Antifungal Activity of Symbiotic Bacteria of Threatened Amphibians—Implications for Disease Management and Patterns of Decline. *PLoS ONE* 9:e100378.
 - Featured by 
8. Lu., M., Davidescu, M., Sukri, R.S., and **Daskin, J.H.** 2013. Termites facilitate root foraging by trees in a Bornean tropical forest. *J Trop Ecol* 29(6): 551–558.
9. **Daskin, J.H.** and Alford, R.A. 2012. Context-dependent symbioses and their potential roles in wildlife disease. *Proc Roy Soc B* 279(1733):1457–65.
10. **Daskin, J.H.**, Alford, R.A., & Puschendorf, R. 2011. Short-term exposure to warm microhabitats could explain amphibian persistence with *Batrachochytrium dendrobatidis*. *PLoS One*. 6(10): e26215.
11. Biancani, P.J., Carmichael, R.H., **Daskin, J.H.**, Burkhardt III, W., & Calci, K.R. 2011. Seasonal and spatial effects of wastewater effluent on growth, survival, and accumulation of microbial contaminants by oysters in Mobile Bay, Alabama. *Estuaries and coasts* 35(1): 121–131.
12. Kovacs, C.J., **Daskin, J.H.**, Patterson, H., & Carmichael, R. 2010. *Crassostrea virginica* shells record local variation in wastewater inputs to a coastal estuary. *Aquat Biol* 9:77–84.
13. **Daskin, J. H.**, Calci, K., Burkhardt, W. III & Carmichael, R. 2008. Use of N stable isotope and alternative microbial analysis to define wastewater influence in Mobile Bay, AL. *Mar Pollut Bull* 56:860–868.

SELECTED CONFERENCE PRESENTATIONS AND ADDITIONAL PUBLICATIONS

Daskin, J.H. Habitat selection by three congeneric savanna antelope relative to fire- and termitaria-generated vegetation heterogeneity. 2016. *Annual meeting of the Ecological Society of Australia*, Perth, Australia.

Daskin, J.H. Primary productivity regulates herbivore-initiated indirect effect strengths. 2016. *Annual meeting of the Ecological Society of America*, Ft. Lauderdale, USA.

Daskin, J.H., Stalmans, M., and Pringle, R.M. 2015. Response of savanna tree cover to the near-extirpation of large mammalian herbivores in Mozambique's Gorongosa National Park, 1977–2012. *Annual meeting of the Ecological Society of America*, Baltimore, USA.

Sampson, D., **Daskin, J.**, Krahforst, C. 2010. How much of the Massachusetts Bays region is covered by impervious surface? Pp. 75–78. In: *State of the Bays*. Massachusetts Bays Program.

TEACHING

Assistant Instructor

Princeton University

2012–2017

- EEB 380 Ecology and Conservation of African Landscapes (taught in Kenya)
- EEB 321 Ecology: Species Interactions, Biodiversity and Society
- ENV 201 Fundamentals of Environmental Studies

Joshua Daskin
joshua.daskin@yale.edu
www.JoshDaskinEcology.com

Statistical Tutor

Princeton University, Dept. of Ecology and Evolutionary Biology

- Advised undergraduate thesis students in data analysis and presentation using R

Fall 2016–Spring 2017

Teaching Assistant

Brandeis University, Biology Department

- BIOL 17 Conservation Biology

Spring 2009

RESEARCH STUDENTS SUPERVISED

Fredrik A. Eriksson	senior thesis student	Dartmouth University '16
Felicia Angus	research assistant	Princeton University '17
Jonathan Carcione	senior thesis student	Princeton University '17
Amanda Chang	independent research intern	Princeton University '17
Bing Lin	research assistant	Princeton University '17
Courtney Buoncore	research assistant	Princeton University '18
Alec Getraer	research assistant	Princeton University '19

OUTREACH AND PROFESSIONAL ACTIVITIES

Ad-hoc reviewer for *Anim Cons*, *Ann NY Acad Sci*, *Basic Appl Ecol*, *Conserv Biol*, *Environ Microbiol*, *Front Ecol Environ*, *Integrative Zool*, *Northeast Nat*, and *Oikos*.

Graduate representative to the Dept. of Ecology and Evolutionary Biology, Princeton University, 2014–2017

Invited lecturer at Brandeis University, Australian and New York high schools.

Occasional science blog–writer with entries for Gorongosa National Park, the E.O. Wilson Biodiversity Foundation, National Geographic, and *J Anim Ecol*, and *J Ecol*.

International field work experience in Australia, Bahamas, Brunei, Mozambique, and Panama.

Professional member at: Ecological Society of America, Australian–American Fulbright Alumni Association, & Fulbright Association

Elementary school science fair judge: Sebring FL and Hopewell, NJ