

EDUCATION

2017	PhD. , Ecology and Evolutionary Biology, Princeton University
2014	M.A. , Ecology and Evolutionary Biology, Princeton University
2011	M.Sc. , Zoology, James Cook University
2009	B.S. , Biology, <i>cum laude</i> , Brandeis University MAJORS–Biology, Environmental Studies, MINOR–Chemistry

PROFESSIONAL POSITIONS

2021–present	Director of Conservation, Archbold Biological Station
2019–2021	Fish and Wildlife Biologist, U.S. Fish and Wildlife Service Headquarters, Division of Conservation and Classification Falls Church, VA
2017–2019	Donnelley Postdoctoral Environmental Fellow, Yale University Yale Institute for Biospheric Studies and Dept. of Ecology and Evolutionary Biology New Haven, CT
2011–2012	Research Assistant III in Restoration Ecology, Archbold Biology Station Venus, FL
2009	Southeast Michigan Ecological Restoration Assistant, The Nature Conservancy Tecumseh, MI

HONORS, AWARDS, AND FELLOWSHIPS

2020	Annual evaluation performance award, US Fish and Wildlife Service For outstanding job performance in fiscal year 2020.
2020	Special Thanks for Achieving Results Award, US Fish and Wildlife Service For leading the development of the first public-facing foreign species workplan for Endangered Species Act listing assessments.
2017–2019	Gaylord S. Donnelley Postdoctoral Environmental Fellow, Yale University Supports postdoctoral research in biodiversity science and public policy for conservation.
2016	Jacobus Award, Princeton University; Nominated One of two students department-nominated for top graduate thesis award at Princeton
2016	Harper Award, British Ecological Society; Runner-up For a highly commended paper by an early-career researcher in <i>Journal of Ecology</i>
2016	Elton Award, British Ecological Society; Short-listed For an outstanding paper by an early-career researcher in <i>Journal of Animal Ecology</i>
2012–2013	First Year Fellowship in Science and Engineering, Princeton University
2010–2011	Fulbright Scholar , U.S. Department of State Based at James Cook University, School of Marine and Tropical Biology; Townsville, AUS
2009	Atilla Klein Environmental Conservation Award, Brandeis University Awarded for top performance in the environmental studies major.
2007–2009	Dean's List, Brandeis University For outstanding academic performance, five consecutive semesters spring 2007 – spring 2009.
2007	NSF Research Experience for Undergraduates, Dauphin Island Sea Lab, Alabama.
2004	Leadership Award, West Point Parent's Club & White Plains High School, White Plains, NY For excellence in academics, athletics, community service, leadership, and moral character, and promoting the values of national service.

GRANT FUNDING RECEIVED

2021	Science for the FL Wildlife Corridor Conservation Campaign; Bellini Better World	\$484,603
2018–2019	<i>Gorongosa Water Project</i> ; Gorongosa National Park, Mozambique	\$34,000
2015–2016	<i>NSF Doctoral Dissertation Improvement Grant</i>	\$15,144
2015	<i>Hack Graduate Award for Water Research</i> –Princeton Environmental Institute	\$8,000
2014	<i>Society of Wetland Scientists Student Research Grant</i>	\$1000
2014	<i>Society of Wetland Scientists South Atlantic Chapter Student Research Grant</i>	\$800
2014	<i>Idea Wild Research Equipment Grant</i>	\$1172

PEER-REVIEWED PUBLICATIONS

1. **Daskin, J.H. et al.** In prep. Marshalling science, scientists, and science communication for large landscape conservation.
2. Walker, H. Becker, J., Hutchinson, M. **Daskin, J.H.**, et al. Behavioral responses of large mammals to a major tropical cyclone in an African savanna. In revision.
3. **Daskin, J.H.** et al. 2023. Allometry of behavior in a congeneric assemblage of African savanna antelopes. *Ecological Monographs*. 93(1): e1549.
4. **Daskin, J.H.** and Tilman, A.R. 2022. Alternative restocking strategy could reverse declines of a critically endangered sturgeon. *Environmental Conservation*. 49(1): 53–58.
5. Gaynor, K.M., **Daskin, J.H.**, Rich, L.N., and Brashares, J.S. 2021. Postwar wildlife recovery in an African savanna: Evaluating patterns and drivers of species occupancy and richness. *Animal conservation*. 24(3): 510–522.
Featured in *Science Daily*.
6. Guyton, J.A., Pansu, J., Hutchinson, M.C., Kartzinel, T.R., Potter, A.B., Coverdale, T.C., **Daskin, J.H.**, et al. 2020. Trophic rewilding revives biotic resistance to shrub invasion. *Nature Ecol Evol*. 4(5): 712–724.
7. **Daskin, J.H.**, Aires, F., and Staver, A.C. 2019. Determinants of tree cover in tropical floodplains: climate, fire, and hydrology. *Proc Roy Soc B*. 286(1914): 1–10.
8. Pringle, R.M. et al., incl. **Daskin, J.H.** 2019. Collapse of niche structure on islands with introduced top predators. *Nature*. 570(7759): 58–64.
9. Pansu, J., Guyton, J.A., Potter, A.B., Atkins, J.L., **Daskin, J.H.**, et al. Trophic ecology of large herbivores in a reassembling African savanna ecosystem. *J Ecol*. 107(3): 1355–1376.
10. Atkins, J.L., Long, R.A., Pansu, J., **Daskin, J.H.**, Potter, A.B., Stalmans, M., Tarnita, C.E., and Pringle, R.M. Life in a landscape of fearlessness: cascading impacts of large-carnivore removal in an African savanna. *Science*. 364(173): 173–177.
Featured by *The Atlantic*, *Wired*, *MSN*, and other news outlets.
11. **Daskin, J.H.** and Pringle, R.M. 2018. Warfare and wildlife declines in African protected areas. *Nature*. 553: 328–332.
Featured by >40 media outlets, incl. *The Atlantic*, *NY Times*, *Economist*, *AP*, *Smithsonian Magazine*, *NPR* and *PBS*.
12. 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.
13. **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 the *J Anim Ecol*.
14. **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 *Science*. Invited blog feature for *E.O. Wilson Biodiversity Foundation* and *National Geographic*.
15. 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.

16. **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 the Australian Broadcasting Corporation.
17. 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.
18. **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.
19. **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.
20. 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.
21. 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.
22. **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 ADDITIONAL PUBLICATIONS

1. **Daskin, J.** December 20, 2022. What if we cared for the wildlife that lives out of sight? *Orlando Sentinel*. Guest commentary.
2. **Daskin, J.H.** and Pringle, R.M. 2022. Ecological effects of warfare on wildlife. In *Animals in the international law of armed conflict*. Eds. Peters, A., Kolb, R., and De Hemptinne, J. Cambridge University Press. Cambridge, U.K.
3. **Daskin, J.H.** 2020. *Species status assessment for four Ponto-Caspian sturgeon*. US Fish and Wildlife Service. pp. 1–80.
4. **Daskin, J.H.** 2020. *Species status assessment for the Amur sturgeon (Acipenser schrenckii)*. US Fish and Wildlife Service. pp. 1–80.
5. Sampson, D., **Daskin, J.H.**, 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.
6. Sampson, D., **Daskin, J.H.**, Krahforst, C. 2010. How much of the Massachusetts Bays region is protected from development? pp. 79-80. In: *State of the Bays*. Massachusetts Bays Program.

TEACHING

Assistant Instructor, Princeton University

- EEB 380 Ecology and Conservation of African Landscapes (taught in Kenya) Spring 2016
- EEB 321 Ecology: Species Interactions, Biodiversity, and Society Fall 2014 & 2015
- ENV 201 Fundamentals of Environmental Studies Fall 2012

Statistical Tutor, Princeton University, Dept. of Ecology and Evolutionary Biology Fall 2016–Spring 2017

Teaching Assistant, Brandeis University

- BIOL 17 Conservation Biology Spring 2009

INVITED PRESENTATIONS

- Plenary speaker—Innovation solutions conference—Naples, FL March 2023
- Panelist, Everglades Coalition—Coral Springs, FL February 2023
- Plenary speaker, Student Conference on Conservation Science—Bengaluru September 2022
- Central Florida Regional Planning Council Landowner Assistance Exposition June 2022
- Florida International University Institute of the Environment Climate Finance Forum May 2022
- Brandeis University, Conservation and Sustainable Development (graduate course) February 2021

Joshua H. Daskin, Ph.D.
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- Keynote; authors' forum for forthcoming book *Animals in the international law of armed conflict* March 2020
- Gorongosa National Park Scientific Seminar Series June 2018
- Yale University, General ecology (2 undergraduate lectures) Fall 2018
- Yale University, Tropical ecology (graduate course) Fall 2018
- Yale University, Plant ecology, (undergraduate course) Spring 2018
- Yale University, Observing the Earth From Space (undergraduate) Spring 2018
- Brandeis University, Conservation Biology (undergraduate) Fall 2014

RESEARCH STUDENTS SUPERVISED

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

COMMUNITY AND PROFESSIONAL ACTIVITIES

- Member, Highlands County Natural Resources Advisory Commission; Highlands County, FL. 2022–present.
- Arlington County, VA Department of Parks and Recreation volunteer; leading the ecological restoration of a small neighborhood park, June 2020–present.
- Reviewer for *Anim Cons*, *Ann NY Acad Sci*, *Basic Appl Ecol*, *Conserv Biol*, *Environ Microbiol*, *Flora*, *Front Ecol Environ*, *Funct Ecol*, *Integrative Zool*, *Northeast Nat*, and *Oikos*, *Proc Roy Soc B*, *Soc Natur Resour*.
- Grant reviewer for Yale University Institute for Biospheric Studies Doctoral Pilot and Doctoral Dissertation Improvement Grants, 2017.
- Invited lecturer at Australian and New York high schools, including for English language learners.
- Graduate representative to the Dept. of Ecology and Evolutionary Biology, Princeton University, 2014–2017
- Occasional science blog-writer with entries for Gorongosa National Park, the E.O. Wilson Biodiversity Foundation, National Geographic, *J Anim Ecol*, and *J Ecol*.
- International field work experience in Australia, Bahamas, Brunei, Mozambique, and Panama.
- Intermediate Portuguese and Spanish, beginner Hebrew language skills.
- Professional member at: Ecological Society of America, Australian–American Fulbright Alumni Association, & Fulbright Association.

WILDAND FIRE CERTIFICATIONS

- *NWCG S130/S190* Introduction to Wildland Fire Behavior/Wildland Firefighter Training, *L-180* Human Factors in the Wildland Fire Service.
- Florida Forest Service Certified Prescribed Burner Training.
- FEMA *ICS-100* Intro to Incident Command System, *NIMS-700* National Incident Management System.