

JOEL O. ABRAHAM

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EDUCATION

PHD student, Princeton University, 2019-present

Ecology & Evolutionary Biology
(Advisor: Rob Pringle)

B.S., Yale University, 2014-2018

Magna cum laude, double major in Ecology & Evolutionary Biology and Environmental Studies with distinction in both majors
Certificate in Energy Studies
Studied abroad on the SIT Australia: Rainforest, Reef, and Cultural Ecology Program
Senior thesis: *Drought-Response Strategies of Savanna Herbivores*
(Advisor: A. Carla Staver)

RESEARCH EXPERIENCE

2018- 2019	Research Assistant, Edwards Lab, <i>Yale University, New Haven, CT</i>
Jun-Jul 2018	Postgraduate Associate (with the Staver Global Biome Ecology Lab, Yale University), <i>Kruger National Park, South Africa</i>
2015-2018	Undergraduate Researcher, <i>Staver Global Biome Ecology Lab, Yale University, New Haven, CT</i>
Mar-May 2017	Associate Researcher, <i>Morgan Plant Ecology Lab, LaTrobe University, Melbourne, VIC</i>
May-Aug 2015	Plant Sciences Intern, <i>Chicago Botanic Gardens, Glencoe, IL</i>

RELEVANT PROFESSIONAL EXPERIENCE

2015-2018	Lab Technician, DNA Analysis Facility on Science Hill, <i>Yale University, New Haven, CT</i>
2015-2016	Sterling Chemical Lab Safety Staff, <i>Yale University, New Haven, CT</i>

GRANTS AND FELLOWSHIPS

2019	Graduate Research Fellowship, <i>National Science Foundation</i>
2019	Centennial Fellowship, <i>Princeton University</i>
2017	YIBS Matching Funds Grant, <i>Yale University</i>
2017	Grace Hopper Mellon Senior Research Grant, <i>Yale University</i>
2017	Franke Fellowship in Science and the Humanities, <i>Yale University</i>
2017	Grace Hopper Richter Summer Fellowship, <i>Yale University</i>
2016	Thomas C. Barry Travel Fellowship, <i>Yale University</i>

ACADEMIC HONORS AND AWARDS

2019	Raymond B. Huey Award for Best Student Poster Presentation, <i>SICB</i>
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2018 Gaylord Donnelley Prize in Studies in the Environment, *Yale University*
2018 Edgar J. Boell Prize for Excellence in Senior Research, *Yale University*
2018 Cogswell Award for Service to Hopper College, *Yale University*
2017 Phi Beta Kappa, *Yale University*

PEER REVIEWED PUBLICATIONS

Abraham, J.O., Hempson, G.P., and Staver, A.C. (2019). Drought-response strategies of savanna herbivores. *Ecology and Evolution* 9: 7047-7056.
Abraham, J.O. and Morgan, J.W. (2018). Effects of time-since-fire on the invertebrate communities of Kangaroo Grass *Themeda triandra*-dominated grasslands in Melbourne, Victoria. *The Victorian Naturalist* 135(2): 36-46.

POSTER PRESENTATIONS AND INVITED TALKS

Abraham, J. and Staver, A.C. (2019). Drought-Response Strategies of Savanna Herbivores. *Poster presented at: 2019 Annual Meeting of the Society for Integrative and Comparative Biology; 2019 Jan 3-7; Tampa, FL.*
Abraham, J. and Staver, A.C. (2018). Drought-Response Strategies of Savanna Herbivores. *Poster presented at: 103rd Annual Ecological Society of America Meeting; 2018 Aug 6-10; New Orleans, LA.*
Abraham, J. and Staver, A.C. (2018). Drought-Response Strategies of Savanna Herbivores. *Talk given at: Ecology & Evolutionary Biology Senior Symposium; 2018 May 1; New Haven, CT.*
Finch, J., Thole, D., **Abraham, J.** (2016). City Living: The Potential of Urban Milkweed Ecotypes for Monarch Conservation. *Talk given at: Illinois State Academy of Science Annual Meeting; 2016 Apr 16; Edwardsville, IL.*
Abraham, J., Finch, J., Thole, D. (2015). Surviving the city: the effects of urbanization on common milkweed. *Poster presented at: Yale Undergraduate Research Symposium; 2015 Sep 7; New Haven, CT.*
Abraham, J., Finch, J., Thole, D. (2015). Surviving the city: the effects of urbanization on common milkweed. *Poster presented at: Chicago Botanic Gardens; 2015 Aug 14; Glencoe, IL.*

SKILLS

Computer: Microsoft Office, including Excel; Adobe Photoshop and InDesign; R; Minitab
Outdoor: backpacking, canoeing/kayaking, reading a map and compass, using a GPS.
Languages: Hebrew, Latin.

REFERENCES

Rob Pringle, *Department of Ecology and Evolutionary Biology, Princeton University.*
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A. Carla Staver, *Department of Ecology and Evolutionary Biology, Yale University.*
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Carol Mariani, *Department of Ecology and Evolutionary Biology, Yale University.*
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