

Kenji T. Hayashi - Curriculum Vitae

Ph.D Candidate

Department of Ecology and Evolutionary Biology

University of California, Los Angeles

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EDUCATION

Ph.D. in Ecology and Evolutionary Biology

2018 - Present

University of California, Los Angeles

Advisor: Dr. Nathan Kraft

B.S. in Biology

2014 - 2018

Brown University

Advisors: Dr. Dov Sax, Dr. Brian Enquist

FUNDING

Grants

Departmental Conference Grant

2023

University of California, Los Angeles

\$1,500 to attend Ecological Society of America conference

Departmental Research Grant

2022

University of California, Los Angeles

\$650 for dissertation research

Mildred E. Mathias Graduate Student Research Grant

2020 - 2021

University of California Natural Reserve System

\$2,000 for field work at UC Santa Barbara Sedgwick Reserve: "Quantifying the effect of competitive interactions on the landscape-scale distributions of annual plant species in a California grassland"

Departmental Research Grant

2020

University of California, Los Angeles

\$500 for dissertation research

Departmental Research Grant

2019

University of California, Los Angeles

\$2,000 for dissertation research

Fellowships & Scholarships

Halde Quarter Fellowship University of California, Los Angeles	2022
Summer Mentored Research Fellowship University of California, Los Angeles	2021
Vavra Quarter Fellowship University of California, Los Angeles	2021
Vavra Fellowship University of California, Los Angeles	2018-2022
Palevsky Fellowship University of California, Los Angeles <small>Awarded to one incoming student in recognition of an outstanding record and promise of scholarly achievement</small>	2018
Barclay Scholarship Rocky Mountain Biological Laboratory	2017
BrownConnect LINK Award Brown University	2016

HONORS & AWARDS

Departmental Graduate Teaching Award University of California, Los Angeles <small>For Teaching Assistant roles in EE BIOL 161 and EE BIOL 167</small>	2023
Honorable Mention, NSF Graduate Research Fellowship National Science Foundation	2022
Elected to Sigma Xi Brown University	2023
Honors in the Biological Sciences Brown University	2018

PUBLICATIONS

Journal Articles

* indicates equal contribution

2. McGuire, RM*, **Hayashi, KT***, Yan, X*, Caritá Vaz, M, Martínez-Blancas, A, Sullivan, LL, Vazquez-Morales, S, Kandlikar, GS. (2022). EcoEvoApps: Interactive apps for theoretical models in ecology and evolutionary biology. *Ecology and Evolution*, 12, e9556. <https://doi.org/10.1002/ece3.9556>
1. Miller, EC, **Hayashi, KT**, Song, D, Wiens, JJ. (2018). Explaining the ocean's richest biodiversity hotspot and global patterns of fish diversity. *Proceedings of the Royal Society B: Biological Sciences*, 285, 20181314. <https://doi.org/10.1098/rspb.2018.1314>

PRESENTATIONS

Invited Presentations

2. **Hayashi, KT**. (April 27, 2021). Understanding the distributions of annual plant species in a California grassland. University of California, Santa Barbara, Sedgwick Reserve, Lunch & Learn Seminar (virtual).
1. **Hayashi, KT**. (October 7, 2020). Community assembly and species distributions in a California grassland: insights from population dynamics and functional traits. University of Texas at Austin, Department of Integrative Biology, EcoLunch Seminar (virtual).

Contributed Presentations

4. **Hayashi, KT**, Kraft, NJB. (August 3, 2021). Spatially-variable competitive interactions shape the performance and distributions of annual plant species in a California grassland. Ecological Society of America (virtual).
3. **Hayashi, KT**, Van Dyke, MN, Kandlikar, GS, Kraft, NJB. (August 3-6, 2020). How does functional composition of the species pool impact plant performance locally? Ecological Society of America (virtual).
2. **Hayashi, KT**. (April 20, 2018). Functional traits, elevation, and the assembly of Rocky Mountain meadow communities. Brown University, Department of Ecology and Evolutionary Biology, Undergraduate Thesis Talks, Providence, RI, USA.
1. **Hayashi, KT**. (August 3, 2017). Assessing plant community assembly along an elevational gradient: a functional trait hypervolume approach. Rocky Mountain Biological Laboratory, Undergraduate Research Symposium, Gothic, CO, USA.

TEACHING & MENTORING

Teaching Assistantships

Natural History Collections in the Biological Sciences (EE BIOL 167) University of California, Los Angeles	2023
Plant Ecology (EE BIOL 161) University of California, Los Angeles	2019, 2021 - 2022
Plant Physiology (EE BIOL 162) University of California, Los Angeles	2020, 2022
Tropical Ecology (EE BIOL 151A) University of California, Los Angeles	2020
Plant Diversity and Evolution (EE BIOL 103) University of California, Los Angeles	2020
Community Ecology (EE BIOL 155) University of California, Los Angeles	2019
Evolutionary Biology (BIOL 0480) Brown University	2017
Conservation Biology (BIOL 1470) Brown University	2016
Intermediate Japanese (JAPN 0040/0050) Brown University	2015 - 2016