

# Kenji T. Hayashi - Curriculum Vitae

Ph.D Candidate

Department of Ecology and Evolutionary Biology

University of California, Los Angeles

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## EDUCATION

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### 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

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### 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

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

## HONORS & AWARDS

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

## PUBLICATIONS

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### 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

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### 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.