

# Henry Camarillo

Yale University

Department of Ecology & Evolutionary Biology

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## Education

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2019-Present	Ph.D. Student.	Ecology & Evolutionary Biology Yale University (Advisor: Dr. Martha Muñoz)
2018-2019	Ph.D. Student	Biological Sciences Virginia Tech University (Advisor: Dr. Martha Muñoz)
2016-2018	M.S.	Biology Kansas State University (Advisor: Michi Tobler)
2010-2015.	B.S	Biology Brigham Young University (Advisor Dr. Jerry Johnson)

## Publications

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3. **Camarillo, H.** & Muñoz, M.M. (2020) Weak relationships between swimming morphology and water depth in wrasses and parrotfish belie multiple selective demands on form-function evolution. *Integrative & Comparative Biology*. DOI:10.1093/icb/icaa0041
2. **Camarillo, H.**, Arias-Rodriguez, L., Tobler, M. (2020) Functional consequences of phenotypic variation between locally adapted populations: swimming performance and ventilation in extremophile fish. *Journal of Evolutionary Biology*. 33 (4) 512-523
1. Ingley, S.J., **Camarillo, H.**, Willis, H., and J.B. Johnson. (2016) Repeated evolution of local adaptation in swimming performance: Population level trade-offs between burst and endurance swimming in *Brachyrhaphis* freshwater fish. *Biological Journal of the Linnean Society*, 119 (4) 1011-1026.

## Grants & Awards

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| 2020 | Nathan Hale Associates Scholar Fund, Yale Graduate School |
| 2020 | Ford Foundation Predoctoral Fellowship- Honorable Mention |

- 2019 Leo F. Rettger Fellowship Fund, Yale Graduate School
- 2019 Ford Foundation Predoctoral Fellowship- Honorable Mention
- 2019 SICB Broadening Participation Award- \$500
- 2018 Deans Diversity Assistantship (Virginia Tech)- \$4,000
- 2018 KSU Biology Graduate Student Association Finishing Grant- \$100
- 2017 Graduate Student Council Travel Award- \$400
- 2017 KSU Arts & Sciences Research Travel Award- \$800
- 2017 KSU Biology Graduate Student Association Travel Award- \$500

## Presentations

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- 4. **Camarillo, H.** Tobler M. (2019) Functional consequences of morphological variation between locally adapted populations. Evolution Annual Meeting. Providence, RI, USA- Talk
- 3. **Camarillo, H.** Tobler M. (2019) Functional consequences of morphological variation between locally adapted populations. Society for Integrative and Comparative Biology Annual Meeting. Tampa, FL, USA- Talk
- 2. **Camarillo, H.** Tobler, M. (2018). Functional consequences of morphological variation between locally adapted populations. Regional SICB Meeting. Clemson, SC, USA- Talk
- 1. **Camarillo, H.,** Tobler, M. (2018) Functional Consequences of Morphological Variation in Sulfide Spring Fishes. Society for Integrative and Comparative Biology Annual Meeting, San Francisco, CA, USA – Poster

## Professional Experience

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- 2015-2016 Monte L. Bean Museum Curatorial Assistant
- 2015 Evolutionary Ecology Lab Facility Manager, Brigham Young University

## Teaching Experience

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### **Yale University; Department of Ecology & Evolutionary Biology**

- 2021 Evolution, Functional Traits, and the Tree of Life (E&EB 223L, upcoming)
- 2020 Evolution, Functional Traits, and the Tree of Life (E&EB 223L)
- 2019 Introduction to Ecology & Evolutionary Biology (BIOL 104)

**Virginia Polytechnic & State University; Department of Biological Sciences**

2019 Principles of Biology (BIOL 1116)

**Kansas State University; Division of Biology**

2017 Physiological Adaptation of Animals (BIOL 513)

2017 Organismic Biology (BIOL 201)

2016 Principles of Biology (BIOL 198)

**Service, Outreach, and Leadership**

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**Professional reviewing:** Physiological and Biochemical Zoology, Systematic Biology

**University Service**

**Yale University; Department of Ecology & Evolutionary Biology**

2020 Diversity, Equity, and Inclusion Committee

**Kansas State University; Division of Biology**

2018 Diversity Committee

2017-2018 Graduate Student Invited Seminar Committee

2017-2018 Graduate Student Welcoming & Service Committee

**Student Mentoring:**

2017-2019 Elyse Boxberger (Kansas State University)-Biology

2016-2018 Millie Dinkel (Kansas State University)- Biology & Anthropology

**Other Outreach/Service:**

2017-Present Letters to a Pre-Scientest; Pre-scientist pen-pal

2017 KAWSE (Kansas Advancement of Women in Science & Engineering); GROW  
(Girls Researching our World) Workshop Volunteer

2014-2015 Allied Health Club; Vice President-Events

**Society Memberships**

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2015-Present The Society for the Study of Evolution

2017-Present The Society for Integrative & Comparative Biology