

Education

2021–present **San Francisco State University**, San Francisco, CA

M.S. Integrative Biology, A molecular phylogeny of the spider family Dictynidae

Advisor: Dr. Lauren Esposito, Curator of Arachnology at the California Academy of Sciences

2016–2020 **University of California, Berkeley**

B.A. Integrative Biology, with honors, with a concentration in Ecology, Evolution, and Organismal Biology

B.A. Anthropology

Grants and Honors Awarded

August 2022 **Women in Science and Engineering Award**, San Francisco State University, \$2,000

June 2022 **LinnéSys: Systematics Research Fund**, Linnean Society of London and the Systematics Association (\$960)

August 2021, 2022 **Achievement Reward for College Scientists**, San Francisco State University, (\$10,000x2)

January 2021 **Broadening Participation Scholarship**, 2021 SICB Conference (\$300)

August 2020 **Registration Scholarship**, 2020 SACNAS National Diversity in STEM Conference (\$165)

May 2020 **Natural History Award**, Department of Integrative Biology Commencement, UC Berkeley (\$250)

November 2019 **Outstanding Research Presentation**, 2019 SACNAS National Diversity in STEM Conference (\$125)

September 2019 **NSF Bio REU Travel Grant** (\$2000)

Publications

Montana, K.O., R. Basas, G. Garcia, K. Quesada-Khoury, M. Richardson-Beatty, V. Voong, and R. Kim. [Untold Stories from the Archives](#). 2022. California Academy of Sciences Website, San Francisco, CA.

Montana, K.O., and R. Kim. [“The Problematic Legacy of David Starr Jordan.”](#) 2022. California Academy of Sciences Website, San Francisco, CA.

Montana, K.O. [“From the Shore to the Redwoods: Celebrating Forty Years of Biodiversity.”](#) 2021. Native Animal Rescue of Santa Cruz County Blog, Santa Cruz, CA.

Montana, K.O. [“Boophis ankaraensis.”](#) 2020. AmphibiaWeb, University of California, Berkeley, CA.

Oral Presentations

Montana, K.O., and J.A. Gorneau. *R Resources for Biologists*. **2022**. Summer Systematics Institute Lecture Series, California Academy of Sciences, San Francisco, CA.

Montana, K.O., M. Richardson-Beatty, R. Kim, and L.A. Esposito. *Unsung Arachnology Pioneers: Harriet Exline Frizzell and the Women of Arachnology*. **2022**. American Arachnological Society, Davis, CA.

Montana, K.O., and R. Kim. *The Problematic Legacy of David Starr Jordan*. **2022**. Anti-Racism Seminar Series, California Academy of Sciences, San Francisco, CA.

Kim, R., C. Garcia, F. Esteves, **K.O. Montana**, and L. Palaima. Colonial and Racist Legacies at the California Academy of Sciences. **2022**. Mosaic Collaborative DEIA Workshop Series, California Academy of Sciences, San Francisco, CA.

Montana, K.O., and R. Kim. *Overshadowed Women in the History of the California Academy of Sciences*. **2022**. Women in Science NightLife, California Academy of Sciences, San Francisco, CA

Montana, K.O., *Journey of the Nudibranch, the Frog, and the Scientist*. **2020**. Summer Systematics Institute Lecture Series (Online), California Academy of Sciences, San Francisco, CA.

Montana, K.O., V. Ramírez-Castañeda, and R.D. Tarvin. *Characterizing Potential Tetrodotoxin Resistance in Pacific Chorus Frogs, Pseudacris regilla*. **2020**. Integrative Bio Honors Thesis Presentations (Online), UC Berkeley, Berkeley, CA.

Montana, K.O., T. Gosliner, and R.F. Johnson. *Why Didn't the Nudibranch Cross the Ocean? Understanding Biogeographical and Genetic Relationships of Hermisenda*. **2019**. Summer Systematics Institute Symposium, California Academy of Sciences, San Francisco, CA.

Poster Presentations

- Montana, K.O.**, and R. Kim. *Untold Science Histories from the Archives at the California Academy of Sciences*. **2022**. ARCS Annual Scholarship Dinner and Symposium, San Francisco, CA.
- Montana, K.O.**, V. Ramírez-Castañeda, and R.D. Tarvin. *Characterizing Potential Tetrodotoxin Resistance in Pacific Chorus Frogs, Pseudacris regilla*. **2020**. SACNAS National Diversity in STEM Conference (Online).
- Montana, K.O.**, T. Gosliner, and R.F. Johnson. *Why Didn't the Nudibranch Cross the Ocean? Understanding Biogeographical and Genetic Relationships of Hermisenda*. **2019**. SACNAS National Diversity in STEM Conference, Honolulu, HI.

Research and Museum Collections Experience

- September 2021-present **Graduate Student Researcher**
Arachnology Lab, California Academy of Sciences, San Francisco, CA
- September 2021-June 2022 **Library Research Assistant**
Academy Library, California Academy of Sciences, San Francisco, CA
- August 2019-present **Undergraduate Honors Researcher**
Tarvin Lab, Museum of Vertebrate Zoology, UC Berkeley
- June 2019-present **Summer Systematics Institute Intern and Continuing Researcher**
NSF Research Experience for Undergraduates, California Academy of Sciences, San Francisco, CA
- August 2018-May 2019 **Collections Assistant**
Phoebe A. Hearst Museum of Anthropology, UC Berkeley
- August-December 2018 **Undergraduate Research Apprentice**
Brashares Lab, Dept. of Environmental Science, Policy, and Management, UC Berkeley

Mentoring, Teaching, and Outreach Experience

- February 2021-November 2021 **Cohort Member** and **Program Assistant** of the **Outdoor Educators Institute**
Justice Outside, Oakland, CA
- Launched August 31, 2020 **Amphibioscope**
Tarvin Lab, UC Berkeley, <https://rdtarvin.github.io/amphibioscope/>
- January 2020-May 2020 **Undergraduate Student Instructor**
IB104 Natural History of the Vertebrates, Dept. of Integrative Biology, UC Berkeley
- August 2017-May 2019 **Visitor Engagement Associate**
Phoebe A. Hearst Museum of Anthropology, U.C. Berkeley
- June-July 2018 **Congressional Intern**
Office of U.S. Congresswoman Zoe Lofgren, Washington, D.C.

Society Memberships

- Entomological Society of America**, since 2022
- American Arachnological Society**, since 2022
- Society of Systematic Biologists**, since 2021
- Society for Integrative and Comparative Biology (SICB)**, since 2021
- Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)**, since 2019
- Wilderness First Aid/CPR Certified**

Skills and Miscellaneous

- Software proficiency:** Microsoft Office, Google Suite
- Computer languages:** Python, R
- Wilderness First Aid/CPR Certified**