

University of Connecticut
University of Connecticut,
F a a d : \$1,000 - \$2,800

(\$2,000)

. "Evolution Across a
Thermal Gradient: Local Adaptation, Plasticity and Gene Flow in a Pelagic
Copepod"; Co-wrote with PI (H.G. Dam). **\$24,000**

(* - Equal contributions ; ^à graduate student mentee; [°] undergraduate mentee)

20. Bogan, S., **Sa a , M.C.**, & Kelley, J., (invited; in prep) "Evolutionary Genetics of Phenotypic Plasticity: Historical Discrepancies, Challenges under Climate Change, and Genomic Solutions" Proposal accepted at Functional Ecology
19. **Sa a , M.C.***, Isanta-Navarro, J.*, & Govaert, L.* (in review after revision) "Testing the waters: aquatic experimental ecology and the balance between realism and feasibility". Submitted: Nature Communications
18. Vermandele, F., **Sa a , M.C.**, Winkler, G., Dam, H.G., Madeira, D., & Calosi, P. (in review after revision) "Sex-specific physiological responses to the simultaneous exposure to hypoxia and marine heatwave events". Submitted: Global Change Biology
17. Diamond, S., Martin, R., Avery, A., Bellino, G., Deme, G., Fleming, D., McCluney, K., Prileson, E., & **Sa a , M.C.** (submitted) "Spatial and temporal redistribution of arthropod communities in a desert city is driven

9. Gosh, A., Robinson, A., Chiapella, A., Sasaki, M.C., et al. (2022) EcoDAS: An Effective Platform for Developing Professional Collaborations Among Early Career Aquatic Scientists. *L&O Bulletin*, 30, <https://doi.org/10.1002/lob.10485>
8. Barley, J., Cheng, B., Sasaki, M.C., Gignoux-Wolfsohn, S., Hays, C., Putnam, A., Sheth, S., Villeneuve, A., & Kelly, M. (2021) Limited plasticity in thermally tolerant populations: evidence for a trade-off. *Proceedings of the Royal Society B*, 288(1958), 20210765.

2015-2019 Plankton Ecology; 2 lectures per semester
2018 General Ecology; 1 lecture

University of California, San Diego & Scripps Institution of Oceanography

2015 Graduate TA & Lab Instructor - Coral Reef Environment
2014 Lead Instructor - Marine Invertebrate Biology and Ecology
UCSD: Academic Connections
2013-2014 Undergraduate TA - Biodiversity

Seminars & Presentations

Invited Seminars

2024 University of Denver ðBiology Department
2024 University of Massachusetts Lowell ðBiology Department
2023 University of Vermont ðBiology Department
2022 Shoals Marine Lab ðEvolution in Changing Seas research coordination network
2022 University of Maryland ðHorn Point seminar
2022 University of Maine ðSchool of Marine Sciences
2021 Louisiana State University ðSystematics, Ecology, and Evolution series
2021 CSU Sacramento ðEcology, Evolution, and Conservation series
2021 Northern Arizona University ðBiology Department
2019 University of Rhode Island ðBay Informed Lecture series

Select Contributed Talks

2024 3rd Joint Congress on Evolutionary Biology ðMontreal, Canada
2024 15th International Conference on Copepoda
2023 ASLO Aquatic Sciences Meeting ðPalma de Mallorca, Spain
2021 Evolution Meeting - Virtual
2021 ASN Asilomar ðVirtual
2019 Evolution Meeting ðProvidence, Rhode Island (Hamilton Symposium Finalist)
2019 Long Island Sound Research Conference ðPort Jefferson, New York
2019 ASLO Aquatic Sciences Meeting ðSan Juan, Puerto Rico
2018 Second Joint Congress on Evolutionary Biology ðMontpellier, France
2017 13th International Conference on Copepoda ðSan Pedro, California (Received Kabata Award for Best Student Presentation)
2016 ASLO Summer Meeting ðSanta Fe, New Mexico

Mentorship

2023 - now Aly Roger (Undergraduate; she/her), University of Vermont
2023 - now Chanchal Saratkar (Undergraduate; she/they), University of Vermont
2023 - now Sydney Sharp (Undergraduate; she/her), University of Vermont
2024 Rama Al Namee (High school student; she/her), South Burlington High School
2024 Elizabeth Nahstoll (High school student; she/her), South Burlington High School
2024 Winnie Adamson (High school student; she/her), South Burlington High School
2023-2024 Yuuki Real (Undergraduate; he/him), University of Vermont
2023 Jamie Cull-Host (Undergraduate; he/they), University of Vermont
2022-2023 Gaia Rueda Moreno (Undergraduate; they/them), New York University
2023 Ali Arvelo (Undergraduate), University of Vermont

