

James S. Lee, MMA

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marine ecology and community-led science, ecosystem restoration, environmental justice and policy
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QUALIFICATIONS

Communication and outreach skills. Editing, meeting facilitation, public speaking, social media management, tutoring, web publishing (Wordpress, Squarespace, HTML, Javascript, Photoshop).

Experience advancing equity and social justice. Establishment of DEI/JEDI committees and other change initiatives, consensus building, crafting mission statements, building accountability mechanisms.

Project management skills. Team management, technical writing, mentoring, conflict management, risk management.

EDUCATION

- 2019-2021 **Master of Marine Affairs** School of Marine and Environmental Affairs
 Graduate Certificate in Climate Science Program on Climate Change
 University of Washington, Seattle, Washington, USA
- 2016-2018 **Bachelor of Science in Biochemistry and Biology (Marine Biology and Limnology)**
 San Francisco State University, San Francisco, California, USA
- 2015-2016 **Associate in Science in Biological Sciences**
 Associate in Arts in Interdisciplinary Studies (Natural Science and Mathematics)
 Cañada College, Redwood City, California, USA

EXPERIENCE

STEM Tutor, Self

January 2016 – Present

Teaching Assistant, University of Washington Friday Harbor Labs

March 2021 – June 2021

Editor-in-chief, Currents, University of Washington School of Marine and Environmental Affairs

July 2020 – June 2021

Co-convener, Diversity Forum, University of Washington School of Marine and Environmental Affairs

July 2020 – June 2021

At-large member, Student Advisory Council, University of Washington College of the Environment

July 2020 – June 2021

Teaching Assistant, University of Washington Department of Biology

January 2021 – March 2021

Teaching Assistant, University of Washington School of Marine and Environmental Affairs

September 2020 – December 2020

Research Lead, University of Washington Department of Landscape Architecture

March 2020 – December 2020

Science Communications Fellow, Washington Sea Grant

April 2020 – September 2020

Research Assistant, University of Washington School of Marine and Environmental Affairs

January 2020 – June 2020

Fisheries Technician, Estuary & Ocean Science Center

June 2017 – February 2019

Grader, San Francisco State University Department of Chemistry

September 2018 – December 2018

Note-taker, San Francisco State University Department of Chemistry

September 2018 – December 2018

STEM Tutor, Cañada College

May 2016 – August 2016

Secretary, Save Pete's Harbor

October 2012 – November 2014

Office Assistant I, San Mateo County Elections Department

September 2008 – November 2008; March 2009 – May 2009; February 2013 – April 2013

AWARDS AND OTHER EXPERIENCES

Hershman Fellowship - Finalist only, Washington Sea Grant (2021)

Justice, Equity, Diversity, and Inclusion (JEDI) and Community Service Award - \$250, University of Washington School of Marine and Environmental Affairs (2021)

PEER REVIEWED PUBLICATIONS

Burge, C., Venkataraman, Y., Dayal, S., **Lee, J. S.**, Alidoostsalimi, M., Shore, A., Stoops, M., ... Groner, M. (in prep). Exposure-induced changes in paired transcriptomes shed light on host-pathogen interactions in a vital foundation species. *Frontiers in Marine Science*, special issue: Marine omics in a changing ocean: Modeling molecular pathways and networks to understand species acclimation and adaptation.

Klein, S., **Lee, J. S.**, Courtney, S., Morehead-Hillman, L., Lau, S. H. Y., Lewis-Smith, B., Sarna-Wojcicki, D., & Woelfle-Erskine, C. A. (in press). Transforming restoration science: Multiple knowledges and community research co-generation in the Klamath and Duwamish Rivers. *American Naturalist*, special issue: Nature, data, and power: How hegemonies shape biological knowledge.

PRESENTATIONS AND PUBLIC SCHOLARSHIP

Lee, J. S. 2021, May 18. *A greener tomorrow in the Duwamish Valley: Novel restoration techniques to combat climate change*. Presented virtually for the University of Washington Program on Climate Change, Seattle, WA.

Lee, J. S. 2020, December 19. *Floating wetlands in the Duwamish River: Preparing for climate change with novel ecosystems*. Presented virtually at the Delridge Neighborhoods Development Association Wetland Workshop, Seattle, WA.

Lee, J. S. 2019, July 15. Ice-ice, baby! How warming waters and bacteria create a frosty, white disease [Blog post]. Retrieved from http://imet.umces.edu/cburge/?page_id=593

Lee, J. S. 2016, April 28. *The effects of temperature and light intensity on plant growth and phenology*. Presented at the Cañada College Honors Symposium, Redwood City, CA.