JENNIFER MCHENRY
Postdoctoral Fellow

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PROFESSIONAL APPOINTMENTS & EMPLOYMENT

2022-	**Ocean Climate Solutions Postdoctoral Fellow**, Department of Biology, University of Victoria (UVic), Victoria, BC, CA.
2014-2016	**Affiliated Researcher**, National Oceanic and Atmospheric Administration, Northeast Fisheries Science Center, Highlands, NJ, USA

EDUCATION

2022	**PhD** in Geography, Florida State University (FSU), Department of Geography
2014	**Dual MSc** in Marine Biology and Marine Policy, University of Maine (UM), School of Marine Sciences
2010	**BSc** in Marine Science, University of Maine, School of Marine Sciences

PUBLICATIONS

2022	**McHenry, J.**, A. Rassweiler & S.E. Lester. Seagrass ecosystem services show complex spatial patterns and associations. (*in review* with *Ecosystem Services*)
	McHenry J., A. Rassweiler, G. Hernan, A.K. Dubel, A.K., C. Curtin, N. Varias, J. Barzak & S.E. Lester. Biogeographic variation in blue carbon stored by seagrass beds. (*in review* with *Limnology & Oceanography*)
2021	**McHenry, J.**, A. Rassweiler, G. Hernan, C.K. Uejio, S. Pau, A.K. Dubel & S.E. Lester. Modeling the biodiversity enhancement value of seagrass beds. *Diversity & Distributions.* 2021.
2020	Lester, S. E., A.K. Dubel, G. Hernan, J. **McHenry** & A. Rassweiler. Applying spatial planning principles to marine ecosystem restoration. *Frontiers in Marine Science.* 2020.
2019	**McHenry, J.**, H. Welch H., S.E. Lester & V. Saba. Projecting marine species range shifts from only ocean temperature can mask climate vulnerability. *Global Change Biology.* 2019.
	Siegel, K. J., R.B. Cabral, J. **McHenry**, E. Ojea, B. Owashi & S.E. Lester. Sovereign states in the Caribbean have lower social-ecological vulnerability to coral bleaching than overseas territories. *Proceedings of the Royal Society B.* 2019.
2018	Welch H & **J. McHenry**[+]. Planning for dynamic process: An assemblage-level surrogate strategy for species seasonal movement pathways. *Aquatic Conservation: Marine and Freshwater Ecosystems.* 2018.
2017	Lester, S. E., E.O. Ruff, K. Mayall, & **J. McHenry**. Exploring stakeholder perceptions of marine management in Bermuda. *Marine Policy.* 2017
	McHenry, J., R.S. Steneck, & D.C. Brady. Abiotic proxies for predictive mapping of near-shore benthic assemblages: Implications for marine spatial planning. *Ecological Applications.* 2017.

[+] Shared first authorship.

AWARDS AND GRANTS

2018-2022	National Academies of Science, Engineering, and Medicine, Gulf Research Program, Research and Practice Grant, "Developing an integrated monitoring and assessment framework for evaluating ecosystem service outcomes from seagrass restoration in the Gulf of Mexico", Sarah Lester (PI), co-wrote to fund PhD research (**$365,700**).
2021-2022	Congress of Graduate Students Organization Award, FSU (**$1900**).
2020-2021	Congress of Graduate Students Organization Award, FSU (**$1140**).
2012 -	Internal Multi-User Equipment Grant, UM, Robert Steneck (PI), co-wrote to fund masters research (**$40,000**).

HONORS

2020	Undergraduate Research Opportunities Program, Mentorship Award Nominee, FSU
2008	Presidential Scholar, UM
2008 & 2009	Marguerite and Henry Evans Scholar, UM

CONFERENCES AND INVITED SEMINARS

2022	International Biogeography Society Meeting, Presentation, Vancouver, BC.
	NavHub Seminar Series, Invited Speaker (Virtual).
2021	The Surfrider Foundation at FSU, Invited Speaker (Virtual).
	Geo Hab Conference, Presentation (Virtual).
	American Association of Geographers Annual Meeting, Poster, New York. (Virtual).
2019	American Association of Geographers Annual Meeting, Presentation, New Orleans, LA.
2016	Benthic Ecology Meeting, Presentation, Portland, ME.
2014	Regional Association of Research on the Gulf of Maine, Poster, Boston, MA.
2012	Benthic Ecology Meeting, Presentation, Norfolk, VA.

WORKSHOPS AND TRAININGS

2021	Reproducible Research Techniques for Synthesis (Virtual), National Center for Ecological Analysis and Synthesis
	Python for Climate and Meteorological Data (Virtual), American Meteorology Society.
2018	Data Carpentry Workshop in R and SQL**,** National Academies Gulf Research Program, Corpus Christi, Texas, USA

TEACHING EXPERIENCE

Instructor:
- Introduction to Geographic Information Systems Laboratory. FSU (2021).

Graduate Teaching Assistant:
- Biogeography. FSU (2017)*.*
- Marine Ecology. Semester by the Sea Program, UM (2011, 2012).

- Marine Invertebrate Zoology. Semester by the Sea Program, UM (2011, 2012).

Guest Lecturer:
- Field Methods in Plant Ecology. "Seagrass Beds as Blue Carbon Ecosystems*."* FSU (2019).
- Marine Conservation. "Biogeography and Conservation of Seagrass Beds*."* FSU (2017).
- Marine Policy. *"*Frontiers in Marine Spatial Planning." UM (2012).

SERVICE

- **Reviewer for refereed journals**: Nature Communications, Global Change Biology, Diversity and Distributions, Ecography, Marine Ecology Progress Series, Aquatic Conservation: Marine and Freshwater Ecosystems, Fisheries Research, and Ecology and Evolution.
- **Society Memberships:** International Society of Biogeography (2020- Present), Society of Conservation Biology (2020-Present), Florida Native Plants Society (2021-2022), FSU Graduate Researchers of Geography (2018-2022), FSU College of Social Sciences and Public Policy Women Graduate Student Network (2018-2022), American Association of Geographers, (2017- Present), American Association of Underwater Sciences (2012- Present).
- **Leadership Roles:** Graduate Researchers of Geography (Treasurer; 2019-2021), Graduate Symposium Committee (Organizer; 2011-2013).

OUTREACH

Research Dissemination
- Biodiversity Enhancement value Tool (https://jennifermchenry.shinyapps.io/seagrass_bev/)
- Beyond Temperature Tool (https://heatherwelch.shinyapps.io/beyond_temperature/)

Education
- FSU Marine Lab - Open House Exhibit (2021)
- ROV demonstrations for Visiting K-12 and College Students, Semester by the Sea Program. (UM, 2011-2014)

MENTORSHIP

PhD Students (2), **Masters Students** (1), and **Undergraduates** (17)

REFERENCES AVAILABLE UPON REQUEST