



Amanda Whitmire

Head of Science & Engineering Resource Group; Head Librarian & Bibliographer, Hopkins Marine Library

 Curriculum Vitae available Online

Bio

BIO

I grew up on the shores of Huntington Beach, CA, and my interest in marine biology goes back as far as I can remember. After spending most of my adult life studying and working in the marine sciences, I jumped ship and became a data specialist with the libraries at Oregon State University in 2012, and have been with Stanford Libraries at Hopkins Marine Station since December 2015. I have a strong interest in exploring how library collections can be leveraged to surface historical environmental and biodiversity data and embrace a "collections as data" approach at Miller Library.

CURRENT ROLE AT STANFORD

My main goals are to:

1. support excellence in research by any means necessary, with physical and virtual library spaces and collections;
2. facilitate effective stewardship and curation of information and data generated by the research community at Hopkins Marine Station;
3. extend the preservation efforts of HMS archival collections to create actionable research products, thus broadening their utility and impact; and,
4. share the remarkable work of Hopkins researchers with our local community through meaningful engagement with diverse audiences.

As Head of the Harold A. Miller Library at Hopkins Marine Station, my primary responsibilities include:

1. overall management of the library;
2. collection development (books, journals, data and electronic resources) in marine sciences;
3. plan and direct curation of our unique legacy collections, including historical archives and data;
4. assist Hopkins residents in finding the information they need, procure documents not available locally or online, and provide instruction on use of physical and virtual library resources and spaces;
5. lead the management of our makerspace;
6. provide research services, including consultations on scholarly communication and data management, sharing and curation.

Find me on Bluesky @thalassalib.bsky.social

EDUCATION AND CERTIFICATIONS

- Ph.D., Oregon State University , Oceanography (2008)
- B.S., honors, University of California, Santa Barbara , Aquatic Biology (2000)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Trustee, Monterey Peninsula Unified School District Board of Education (December 2018)

PERSONAL INTERESTS

gardening, knitting, crochet, weaving, sewing, cooking

LINKS

- My profile page: <https://library.stanford.edu/people/amanda-whitmire>
- My personal website: <https://amandawhitmire.github.io/>
- My ORCID page: <http://orcid.org/0000-0003-2429-8879>

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Steering Group Member, Environmental Data Science (EDS) RCN, NCEAS (2021 - present)
- Representative, Cyamus Regional Group, Intl. Assoc. of Aquatic & Marine Science Libraries & Information Centers (2021 - present)
- Member, IAMSLIC Aquatic Commons Board (2016 - present)
- Member, IAMSLIC - International Association of Aquatic and Marine Science Libraries and Information Centers (2016 - present)
- Member, DataONE Community Engagement and Outreach (CEO) Working Group (2016 - 2020)
- Secretary, Cyamus Regional Group, Intl Assoc. of Aquatic & Marine Science Libraries & Information Centers (2016 - 2018)

Publications

PUBLICATIONS

- **Water, Water, Everywhere: Defining and Assessing Data Sharing in Academia** *PLOS ONE*
Van Tuyl, S., Whitmire, A. L.
2016; 11 (2)
- **Implementing a Graduate-Level Research Data Management Course: Approach, Outcomes, and Lessons Learned** *Journal of Librarianship and Scholarly Communication*
Whitmire, A. L.
2015; 3 (2)
- **Building professional development opportunities in data services for academic librarians** *IFLA Journal*
Conrad, S., Shorish, Y., Whitmire, A. L., Hswe, P.
2016; 43 (1): 65-80
- **Using data management plans to explore variability in research data management practices across domains** *International Journal of Digital Curation*
Wells Parham, S., Carlson, J., Hswe, P., Westra, B., Whitmire, A.
2016; 11 (1): 53-67
- **Phenology of particle size distributions and primary productivity in the North Pacific subtropical gyre (Station ALOHA)** *Journal of Geophysical Research: Oceans*
White, A. E., Letelier, R. M., Whitmire, A. L., Barone, B., Church, M. J., Karl, D. M.
2015; 120 (11): 7381-7399
- **Variability in academic research data management practices: implications for data services development from a faculty survey** *Program: Electronic Library and Information Systems*
Whitmire, A. L., Boock, M., Sutton, S. C.
2015; 49 (4)

- **Data and code from: Variability in academic research data management practices: implications for data services development from a faculty survey** *ScholarsArchive@OSU*
Whitmire, A. L.
2015

PRESENTATIONS

- Librarians + Wikipedia: Building skills to reduce information inequality in the aquatic sciences - 2021 SAIL/Cyamus Joint Annual Conference (2021)
- Curating a 23-year weekly time-series of oceanographic data in Monterey Bay, California, or: how I learned to stop worrying and love the data - The Rescue of Data At Risk workshop in Boulder, CO, on 8–9 September 2016. Co-hosted by the Research Data Alliance (RDA) and the Committee on Data for Science and Technology (CODATA) (2016)