

SAMM NEWTON

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Curriculum vitae

EDUCATION

- 2019-Curr. **Ph.D. Candidate, History of Science, Medicine, and Technology**
Doctoral Minors, Marine Territory and Governance; Latin American History
University of Wisconsin-Madison
- 2018 **M.A., Environmental Arts and Humanities**
Graduate Certificate, Risk and Uncertainty in Marine Science
Oregon State University
- 2007 **B.S., Psychology (Minor, Anthropology), Texas State University.**

AWARDS AND GRANTS

- 2024 **Graduate Student Summer Fellowship**, Department of History, University of Wisconsin-Madison.
- 2024 **Merle Curti Teaching Fellowship**, Department of History, University of Wisconsin-Madison.
- 2021-22 **John A. Knauss Marine Policy Fellowship**, NOAA, Wisconsin Sea Grant. Legislative Branch, U.S. Senate, Sen. Jeff Merkley (D-OR).
- 2019-21 **Holtz Center Grant**, Holtz Center for Science and Technology Studies, University of Wisconsin-Madison.
- 2020-21 **FLAS Summer & Academic Year Fellowship**, Portuguese language and culture, Latin American, Caribbean, and Iberian Studies, University of Wisconsin-Madison.
- 2020-21 **Mini Fellowship**, International Commission of the History of Oceanography.
- 2020-21 **Graduate Student Scholarship**, Department of History, University of Wisconsin-Madison.
- 2020 **Scholarship Recipient**, Steve & Jenny Kim Foundation.
- 2019-20 **Graduate Student Fellowship**, Department of History, University of Wisconsin-Madison.
- 2018 **Artist/Scholar in Residence**, Bermuda Institute of Ocean Science, St. George's, Bermuda.
- 2017-18 **NSF National Research Trainee Fellowship**, Oregon State University, Corvallis.
- 2016-18 **Discovering the Deep Blue Sea Grant**, National Academies Keck Futures Initiative, Oregon State University, Corvallis, OR.
- 2016-17 **Resident Artist**, Giovannoni High Throughput Microbial Cultivation Lab, Department of Microbiology, Oregon State University, Corvallis, OR, USA.
- 2017 **Artist at Sea**, BIOS-SCOPE, Research Vessel Atlantic Explorer, Bermuda Institute of Ocean Science, St. George's, Bermuda.

PUBLICATIONS

Project Reports

Firl, Alrik, Katlyn Haven, and Samm Newton. *Emerging Technologies In Fisheries Science: A Transdisciplinary Report*. Oregon State University. 2019.

Public Writing

Review of Jue, Melody and Rafico Ruiz, eds. *Saturation: An Elemental Politics*. H-Environment, H-Net Reviews. May, 2023.

Review of Spezio, Teresa Sabol, *Slick Policy: Environmental and Science Policy in the Aftermath of the Santa Barbara Oil Spill*. H-Environment, H-Net Reviews. September, 2020.

“Unspectacular Oil Spills,” Gulf Restoration Network, *Bloggging for a Healthy Gulf*. August 3, 2018.

“Where Ocean Currents Converge,” Gulf Restoration Network, *Bloggging for a Healthy Gulf*. July 10, 2018

“How to Do,” *Oregon State University, Environmental Arts and Humanities Blog*. December 19, 2017.

“The Science and Spirit of the Ocean,” *Oregon State University, Environmental Arts and Humanities Blog*. June 18, 2017.

“Monster Slayers,” *Oregon State University, Environmental Arts and Humanities Blog*. March 2, 2017.

INVITED TALKS

2019 **Science in Context: How to Explore Changing Ocean Conditions through the Environmental Arts & Humanities.** South Slough National Estuarine Reserve, Feb. 17, 2019. Charleston, OR.

CONFERENCE PARTICIPATION

Papers Presented

2020 **“Pteropods Realized.”** [Paper Accepted; Cancelled due to COVID-19] Midwest Junto for the History of Science, Iowa State University, April 26, 2020. Ames, IA.

2018 **“The Space Between: Integrating Practice-led Research Methods into the Blue Humanities and as Part of Collaborative Teams.”** Environmental Arts and Humanities Graduate Conference, May 24, 2018. Corvallis, OR.

Panels

2021 **“Pteropods Realized.”** [Paper Accepted – Panel, Wet ecologies: The media in (under)water worlds] 26th International Congress of History of Science and

- 2021 Technology, July 25 – 31, 2021. Virtual
“Pteropods Realized.” [Paper Accepted – Panel, Feminist Approaches to Marine Social Science] American Association of Geographers Annual Meeting, April 7 – 9, 2021. Virtual
- 2018 **“Life at Sea.”** State of the Coast Conference, Oct. 27, 2018. Coos Bay, OR.

Workshops

- 2018 **“Swimming in Sea Butterflies: Physics, Physiology, Ecology, Art, and Design Inspiration for an Aquatic Micro-Aerial Vehicle.”** NAKFI Deep Blue Sea Mid-Grant Cycle Meeting, June 19 – 21, 2018. Huntington Beach, CA.
- 2018 **“Emerging Technologies in Fisheries Science.”** Global Environmental Histories from the Pacific Workshop, Mar. 10, 2018. Coos Bay, OR.

Exhibits

- 2017 **“Pteropods Realized.”** (Best in Show) Mixed Media. State of the Coast, Oct. 26, 2017. Florence, OR.
- 2017 **“What does a scientist look like.”** Photography & Poetry. Transform-able Identity/ies Graduate Conference, Mar. 10, 2017. Corvallis, OR.

RESEARCH EXPERIENCE

- 2019-24 **Aerial and Aquatic Flapping Flight at Low Reynolds Numbers,** NSF CAREER Grant; Interdisciplinary Research Project with PI: Dr. David Murphy. University of South Florida, Tampa, FL.
- 2017-19 **Swimming in Sea Butterflies: Physics, Physiology, Ecology, Art, and Design Inspiration for an Aquatic Micro-Aerial Vehicle,** NAKFI Deep Blue Sea Grant; Interdisciplinary Research Project with Co-PIs: Dr. Amy Maas, Dr. David Murphy and Samm Newton, Bermuda Institute of Ocean Sciences, St. George’s.
- 2017-18 **Communication Practices for Big Data Analytics,** NSF, NRT Fellowship; Transdisciplinary Research Trainee with PI: Dr. Lorenzo Ciannelli. Oregon State University, Corvallis, OR.
- 2005–06 **Behavior Neuroendocrinology Lab,** Undergraduate Research Asst. with PI: Dr. Gus Lumia. University of Texas-San Antonio, TX.
- 2004 **Buss Lab of Evolutionary Psychology,** Undergraduate Research Asst. with PI: Dr. David Buss. University of Texas-Austin, TX.

TEACHING & PROJECT EXPERIENCE

University of Wisconsin – Madison, WI

Teaching Assistant

- American Environmental History, Matt Villeneuve, Department of History (Fall 2023)
 Green Screen: US Env. Hist. thru Film, Gregg Mitman, Department of History (Fall 2021)

Project Assistant

Archive Management Intern, NOAA Voices Oral History Archive (Summer 2023)
Project Assistant, Gregg Mitman, Department of History (Summer 2021)
Archival Research, Katharina Steiner, Department of History (Spring 2021)
Archival Research (Wisconsin Historical Society), Alex Macartney, Yale University (Fall 2020)
Project Assistant, Elizabeth Hennessy, Department of History (Summer 2020)
Database Management, Claire Taylor, Department of History (Summer 2020)

Reader / Grader

Sport, Recreation, and Society in the United States (Summer 2023)
Law in Action. (Spring 2021)
Business and Politics in U.S. History. (Spring 2020)
Thinking Through History with Animals. (Fall 2019)

Oregon State University – Corvallis, OR

Teaching Assistant

Introduction to the Visual Arts. (Fall 2018)
Sustainable Landscapes. (Winter & Spring 2016)
Pollinators in Peril. (Fall 2016)

LANGUAGES

French	Intermediate
Portuguese	Intermediate
Spanish	Basic
Latin	Basic

UNIVERSITY SERVICE & AFFILIATIONS

University of Wisconsin-Madison

2023-Curr.	Editor , <i>Edge Effects</i> Magazine, Center for Culture, History, and the Environment, the Nelson Institute for Environmental Studies.
2019-Curr.	Graduate Associate , Center for Culture, History, and the Environment, the Nelson Institute for Environmental Studies.
2019-2021	Board Member , Graduate School Dean’s Advisory Board.

Professional Memberships

American Association of Geographers
American Society for Environmental History
Consortium for History of Science, Technology & Medicine: History of Ocean Science,
Technology, Medicine Working Group
History of Science Society
Society for Social Studies of Science

OTHER EXPERIENCE

Professional Skills

2014-20 **Graphic Design & Communications Consultant**, Samm Newton LLC

Creative Practice

- 2021 **(Group Exhibit/Invited Artist)** "In Dark Seas: Swimming with Sea Butterflies." Bermuda National Gallery, BIOS x BNG, Fall 2021. Hamilton, BD.
- 2019 **(Group Exhibit/Invited Artist)** "Vulnerable Predators." Lincoln City Cultural Center, PJ Chessman Gallery, Sept. 2019. Lincoln City, OR.
- 2019 **(Featured Artist)** Hatfield Marine Science Center, Jan. – Mar. 2019. Newport OR.
- 2019 **(Artist Talk)** "Ghosts of Once and Future Oceans." Surfrider Chapter Meeting, Jan. 3, 2019. Coos Bay OR.
- 2018 **(Group Exhibit)** "Coast | Lines." The Newport Visual Arts Center, Runyan Gallery, Nov. 2018. Newport, OR.
- 2018 **(Solo Exhibit)** "The Need to Know Comes in Waves." Oregon State University Center for the Humanities, Autzen House Gallery, Sept. – Dec. 2018. Corvallis, OR.
- 2018 **(Group Exhibit)** "The Sea and Me." Oregon State University, The Little Gallery, June 2018. Corvallis, OR.
- 2018 **(Group Exhibit)** "The Art of Water." James May Gallery, May 2018. Algoma, WI.
- 2018 **(Solo Exhibit)** "Creative Practice." Oregon State University, Waldo Hall, Apr. – Jun. 2018. Corvallis, OR, USA.
- 2018 **(Group Exhibit)** "Art Civil War." Watershed Arts at Fertilab, Mar. 2018. Eugene, OR.
- 2017 **(Group Exhibit)** "Microbiomes: Connecting Communities." Oregon State University, Nash Hall, April 2017. Corvallis, OR.
- 2017 **(Duo Exhibit)** with Tara Pierce. "Micro / Macro." Bad Human Studio, May 2017. Corvallis, OR, USA.
- 2016–17 **(Co-Curator)** Group shows for SPARK + Arts and Science @ OSU. "Imagining the Unseen" "Connecting Communities" "Micro/Macro" Corvallis, OR, USA.