

ANTONY E. ADLER, Ph.D.

Citizenship: Canada / U.S.A.

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POST-GRADUATE APPOINTMENTS

Carleton College, History Department

Lecturer, September 2020 – present.

Carleton College, History Department

Research Associate, September 2018 – August 2020.

Carleton College, History Department

Visiting Assistant Professor, Jan. – June 2017; Sept. – Dec. 2017; April – June 2018.

Marine Biological Laboratories / Woods Hole Oceanographic Institution

Fred Karush Library Scholar, Aug. – Nov. 2016.

Harvard University, John F. Kennedy School of Government

Postdoctoral Research Fellow, Science and Technology Studies (STS) Program, 2015–16.

University of Washington

Postdoctoral Instructor, Department of History, 2015.

EDUCATION

University of Washington

Ph.D. in History (December, 2014)

Thesis: *The Ocean Laboratory: Exploration, Fieldwork, and Science at Sea.*

Committee: Bruce Hevly (chair), Simon Werrett, Raymond Jonas, Adam Warren.

University of Washington

M.A. in Museology (June, 2009)

Thesis: *From the Pacific to the Patent Office: How the United States Exploring Expedition Shaped America's First National Museum, 1833 – 1857.*

Carleton College

B.A. in History, Concentration in Archaeology (June, 2006)

Thesis: *Uncharted Seas: European-Polynesian Encounters in the Age of Discovery.*

Other coursework:

Sea Education Association, Class S-191. Woods Hole, MA, January – March, 2004.

Ischia Summer School on the History of the Life Sciences. Ischia, Italy, June 27th – July 3rd, 2015.

MBL Seminar in History of Biology. Woods Hole, MA, May 18th – 25th, 2016.

NEH Summer Institute: 'The American Maritime Commons.' Mystic, CT, June 27th – July 29th, 2016.

PUBLICATIONS

Book:

Neptune's Laboratory: Fantasy, Fear, and Science at Sea (Cambridge, MA: Harvard University Press, 2019).

*Honorable Mention. 2020 Keith Matthews Best Book Award, Canadian Nautical Research Society.

*Shortlisted for the 2020 Mountbatten Award for Best Book.

Book chapters:

"Science in Ocean Space," *Routledge Handbook to Ocean Space*, ed. by Jon Anderson, Andy Davies, Kimberly Peters, and Phil Steinberg (Routledge, forthcoming 2021).

"Legitimizing Marine Field Science: Albert Ist of Monaco," *Understanding Field Science Institutions*, ed. by Patience Schell, Christer Nordlund, Karl Grandin, and Helena Ekerholm (Science History Publications / Watson Publishing International, 2017).

"The Hybrid Shore: The Marine Station Movement and Scientific Uses of the Littoral (1843 – 1910)" *Soundings and Crossings: Doing Science at Sea 1800-1971*, ed. by Helen Rozwadowski and Katharine Anderson (Science History Publications / Watson Publishing International, 2016).

Journal articles:

"Deep Horizons: Canada's Underwater Habitat Program and Vertical Dimensions of Marine Sovereignty," *Centaurus*, Vol. 62, Issue 4 (2020). Special issue on 'Verticality in the History of Science' ed. by Wilko Hardenberg and Martin Mahoney.

"When Pasteurian Science Went to Sea: The Birth of Marine Microbiology," *The Journal of the History of Biology*, Vol. 51, Issue 1 (March 2018), 107 – 133. [Co-authored with Erik Dücker].

"The Capture and Curation of the Cannibal 'Vendovi': Reality and Representation of a Pacific Frontier," *The Journal of Pacific History*, Vol. 49, Issue 3 (2014), 255 – 282.

"The Ship as Laboratory: Making Space for Field Science at Sea," *The Journal of the History of Biology*, Vol. 47, Issue 3 (2014), 333 – 362.

"From the Pacific to the Patent Office: The US Exploring Expedition and the Origins of America's First National Museum," *The Journal of the History of Collections*, Vol. 23, Issue 1 (2011), 49 – 74.

"Uncharted Seas: European-Polynesian Encounters in the Age of Discovery," *Terrae Incognitae*, Vol. 40 (2008), 60-81.

Book Reviews:

Book review of Ann Elias' 'Coral Empire: Underwater Oceans, Colonial Tropics, Visual Modernity,' *Environmental History*, Vol. 25, Issue 2 (April, 2020).

Book review of Helen Rozwadowski's 'Vast Expanses: A History of the Oceans,' *Earth Sciences History*, Vol 38, Issue 2 (2019), 432 – 434.

Book review of Sam Robinson's 'Ocean Science and the British Cold War State,' *Isis*, Vol. 110, No. 4 (December, 2019), 858 – 859.

Book review of Jeremy Vetter's 'Field Life: Science in the American West During the Railroad Era,' *Annals of Science*, Vol. 74, Issue 4 (2017), 339 – 341.

Book review of James Fairhead's 'The Captain and 'the Cannibal': An Epic Story of Exploration, Kidnapping, and the Broadway Stage,' *Journal of Pacific History*, Vol. 51, Issue 1 (December 2016), 100 – 101.

Book review of Brian Rouleau's 'With Sails Whitening Every Sea: Mariners and the Making of an American Maritime Empire,' *H-War* (June, 2015). URL: <http://www.h-net.org/reviews/showrev.php?id=43117>

Other:

"Magaret 'Peggy' Ann Lucas: *Tektite II*" *Women in the History of Science: A Source Book*, ed. by Rebecca Martin, Farrah Lawrence-Mackey, Sadie Harrison, Erika Jones, and Hannah Wills (London: University College London Press, forthcoming 2021).

"Foreword to 'On Some Organisms Living at Great Depths in the North Atlantic Ocean,'" [co-authored with Rika Anderson] in *Compendium of Astrobiology Classics, Perspectives on Foundational Texts* (Seattle: Habitable Press, 2019).

"Journey to the Bottom of the Atlantic," *Lateral Magazine, Issue 30: "Isolation"* (December 2018). URL: <http://www.lateralmag.com/articles/issue-30/journey-to-the-bottom-of-the-atlantic>

"A Letter from Japan: Internationalism and Pacific Oceanography in the Early 20th c." *Bulletin of the Pacific Circle Commission* (April, 2014).

"How Might Historians and Marine Scientists Benefit from Collaboration?" *Deep-Sea Life*, Issue 2 (October, 2013).

"Portrait: St. John's, Newfoundland," *The Lens Magazine* (Spring 2006).

TEACHING

Lecturer. Department of History, Carleton College
Historians for Hire, Fall 2020; Winter 2020.
Exploration, Science, & Empire, Fall 2020.

Visiting Assistant Professor. Department of History, Carleton College.
From Alchemy to the Atom Bomb: The Scientific Revolution and the Making of the Modern World, Spring 2017; Spring 2018.
The Making of the 'Pacific World,' Winter 2017.
Exploration, Science, & Empire, Fall 2017.

Post-doctoral Instructor. Department of History, University of Washington.
History of the Marine Environment, Spring 2015.
Science in Modern Society, Winter 2015.

Pre-doctoral Instructor. Interdisciplinary Writing Program, University of Washington.
Linked with *Europe and the Modern World*, Spring 2013.
Linked with *Medieval Europe*, Winter 2013.
Linked with *The Ancient World*, Fall 2012.

Teaching Assistant. Department of History, University of Washington.
Modern Irish History, Fall 2014 and Winter 2014.
Europe and the Modern World, Spring 2012.

The French Revolution and Napoleon, Winter 2012.

PRESENTATIONS

- “Neptune’s Laboratory.”** Invited book talk for the Virtual HistSTM Community meeting. August 20, 2020.
- “Earth Day, the Oceans, and Ocean History.”** Roundtable presenter, BSHS Global Digital History of Science Festival. July 7, 2020.
- “Sovereignty Beneath the Ice: The Rise and Fall of Canada’s Underwater Habitat Program.”** Annual meeting of the British Society for the History of Science. Aberystwyth, United Kingdom, July 2020. [Paper accepted / cancelled due to COVID-19].
- “Our Great Laboratory”: Marine Science in Anthropocene Oceans.”** Annual meeting of the American Society for Environmental History. Ottawa, ON, March 26, 2020. [Paper accepted / cancelled due to COVID-19].
- “Sovereignty Submerged: Canada’s Underwater Habitat Program.”** Columbia History of Science Group Meeting. Friday Harbor Labs, San Juan Island, WA, March 7, 2020.
- “‘The Oceans are Our Great Laboratory’: Marine Science and Ocean Governance in the Anthropocene.”** Annual meeting of the Canadian Society for the History and Philosophy of Science. Vancouver, BC, June 2, 2019.
- “Probing the Seas in Search of the Past: Early Oceanographers and the Hunt for Ancient Life.”** Invited presentation for the meeting of the Ocean Memory Project. Santa Catalina Island, CA, February 21 – 27, 2019.
- “Stuffed Birds, Pressed Plants, & Pickled Heads.”** Public presentation for “Conversations on the Wonders of Science,” Science Café. Northfield, MN, November 13, 2018.
- “The Aquatic Frontier: Cold War Science on the Seafloor.”** Annual meeting of the History of Science Society. Seattle, WA, November 4, 2018.
- “The Ocean Laboratory: Changing Practices and Transformed Spaces of Marine Fieldwork.”** Invited HSTM seminar presentation. University of Minnesota, Minneapolis, MN, February 12, 2018.
- “Recycling and ‘Tinkering’ in the History of Oceanography,”** Roundtable: Integrating the History of Science and Technology. Annual meeting of the History of Science Society. Toronto, ON, November 9-12, 2017.
- “Project Sea Use: Cold War Science on the Seafloor.”** Joint meeting of NASOH, NAFHA, and SHNM. Portland, ME, May 11-14, 2016.
- “Race to the Bottom: The Forgotten Quest to Conquer and Colonize the Seafloor, 1960 – 1975.”** *Coastal Perspectives Lecture Series*. University of Connecticut, Avery Pt., February 9, 2016.
- “Technology in the Marine Environment.”** Panel on oceanic environmental history – Environmental History Working Group. Harvard University, February 4, 2016.
- “Prince of Science: Albert 1st of Monaco (1848 – 1922).”** Annual meeting of the History of Science Society. San Francisco, CA, November 19-22, 2015.
- “Seas of Peace and Peril: Changing Conceptions of the Marine Environment in the early 20th C.”** Guest lecture for the undergraduate seminar *History of the Ocean*. University of Connecticut, Avery Pt., October 28th, 2015.

- "When Pasteurian Science Went to Sea: Certes, Regnard, and the Beginnings of Marine Microbiology (1880 – 1900)"** [Prepared with Erik Dücker]. The 7th Tensions of Europe Conference. Stockholm, Sweden, September 3-6, 2015.
- "Ideas and Will": Albert 1st of Monaco and the Institutionalization of Marine Research."** Workshop: *Understanding Field Science Institutions*. Umeå, Sweden, August 26-27, 2015.
- "The Hybrid Shore: The Marine Station Movement and Scientific Uses of the Littoral (1843 - 1910)."** Annual meeting of the American Society for Environmental History. Washington D.C., March 18-22, 2015.
- "The 'Scientific Cities' by the Sea: Fieldwork and Science Instruction at the French Marine Stations of Roscoff and Arago (1872 - 1920)."** Annual meeting of the Social Science History Association. Toronto, ON, November 6-9, 2014.
- "Bridging Land and Sea: The French Marine Stations of Roscoff and Arago (1872 – 1920)."** Workshop: *Place and Practice: Doing Science on and in the Ocean 1800-2012*. Halifax, NS, June 14-17, 2014.
- "Who Owns the Seas?" An overview history of marine science and fisheries management."** Guest lecture for the undergraduate seminar *Our Changing Oceans: Bringing together Science and Policy*. Evergreen State College, Olympia, WA, February 27th, 2014.
- "Under One Roof": Science and the Making of a "Pacific World" During the Interwar Period."** International Congress of History of Science, Technology and Medicine. Manchester, UK, July 22 - 28, 2013.
- "The Paradox of French Marine Science."** Annual meeting of the Canadian Society for the History and Philosophy of Science. Victoria, BC, June 2 - 4, 2013.
- "The Sea as Laboratory: The Transformation of Oceans into Scientific Space."** Annual meeting of the American Society for Environmental History. Toronto, ON, April 3 - 6, 2013.
- "The Fair as Research Center? The 1939 Golden Gate International Exposition and the Dream of Internationalist Science in the 'Pacific World.'"** Columbia History of Science Group Meeting. Friday Harbor Labs, San Juan Island, WA, March 9, 2013.
- "Internationalism, Science, and the making of a Pacific World (1919 - 1939)."** Presented as part of the panel *The History of Science in the Pacific World* at the annual meeting of the History of Science Society. San Diego, CA, November 15 - 18, 2012 (Panel organizer)
- "Wonders in the Deep': What the History of Oceanography Can Teach Us About the History of Science."** Biological Oceanography Seminar, Department of Oceanography, University of Washington. Seattle, WA, May 22, 2012.
- "Terror in the Cannibal Isles: Reality and Representation of an Oceanic Borderland."** Annual meeting of the Pacific Coast Branch of the American Historical Association. Seattle, WA, August 13, 2011.
- "Science in Remote, Confined Space: The Development of Laboratories on Exploration Vessels During the 19th Century."**[Poster] Origins 2011 Joint International Conference of ISSOL, the International Astrobiology Society, and Bioastronomy. Montpellier, France, July 3 - 8, 2011.
- "The First Field Technicians: Voyager-naturalists of the Muséum d'Histoire Naturelle (1818 - 1900)."** Credit and Credibility in Early Modern Europe Workshop, University of Washington. Seattle, WA, April 15, 2011.

- "The First Fieldworkers: Voyager-naturalists of the Muséum d'Histoire Naturelle (1818 - 1900)."** Annual meeting of the History of Science Society. Montréal, QC, November 4 - 7, 2010.
- "Savagery on Display: The Capture and Curation of the Cannibal Vendovi."** Engaging and Articulating 'Race,' University of Victoria. Victoria, B.C., June 18 - 20, 2010.
- "To Capture and Curate A Cannibal."** Columbia History of Science Group Meeting. Friday Harbor Labs, San Juan Island, WA, March 14, 2010.
- "Uncharted Seas: European-Polynesian Encounters in the Age of Discovery."** Annual meeting of the Society for the History of Discoveries. Chicago, IL, November 11, 2007.
- "Fijian Throwing Clubs."** Presented at the New Bedford Whaling Museum. New Bedford, MA, December 7, 2006.

MEDIA / INTERVIEWS

- Interviewed by Tom Gibson for Bloomberg /Newsroom on the history of underwater habitats. September 1, 2020. URL: <https://www.bloomberg.com/news/videos/2020-12-07/jacques-cousteau-s-grandson-is-building-an-underwater-space-station-video>
- Interviewed by Dr. Michael Robinson, host of the podcast *Time to Eat the Dogs*. April 13, 2020. URL: <https://timetoeatthedogs.com/2020/04/20/neptunes-laboratory/>
- Interviewed by Ted Blades, host of *On The Go*, Canadian Broadcasting Corporation, Newfoundland & Labrador. January 16, 2020. URL: <https://soundcloud.com/antony-adler/author-interview-on-the-go-cbc-radio-newfoundland-labrador-jan-2020>

HONORS AND AWARDS

- Karush Library Fellowship.** Marine Biological Laboratories. Aug. – Nov. 2016
- Rondeau Evans Fellowship.** University of Washington, Dept. of History. 2013 - 2014.
- National Science Foundation Doctoral Dissertation Improvement Grant.** 2013 - 2014.
- American Geophysical Union Graduate Fellowship in the History of Science.** 2012 - 2013.
- Elizabeth Kerr Macfarlane Endowed Scholarship in the Humanities.** 2012 - 2013.
- Power prize, honorable mention.** For "outstanding graduate essay written in the University of Washington History department." April 2011.
- Kammeyer Research Travel Grant.** University of Washington, Dept. of History. Feb. 2011.
- Joff Hanauer Fellowship.** University of Washington Graduate School. 2010 - 2011.
- Doctor Ebba Dahlin Fellowship.** University of Washington Dept. of History. 2009 - 2010.
- Research Travel Grant.** University of Washington Department of Museology. Feb. 2009.
- Annual Essay Contest winner.** Society for the History of Discoveries. 2007.

SERVICE & PROFESSIONAL EXPERIENCE

Scholarly peer review:

Review of proposal for new journal
SAGE Publishing. 2020.

Article Referee

Centaurus. 2020.

Article Referee

Alaska History. 2019.

Article Referee

Earth Sciences History. 2018.

Article Referee

British Journal for the History of Science. 2018.

Article Referee

Journal of Pacific History. 2018.

Article Referee

International Review of Environmental History. 2017.

Scholarly organization committee work:

Committee Member

History of Science Society Earth and Environment Forum

Program Committee co-chair.

Columbia History of Science Group Annual Meeting. 2016 - 2017.

Council Member.

The Pacific Circle Commission of the International Congress of History of Science, Technology and Medicine. 2013 – 2015.

Website Editor and Blog Writer.

The International Commission of the History of Oceanography of the International Congress of the History of Science, Technology and Medicine. 2013 – Present.

Coordinator.

Colloquium in History of Science and STS. Run in conjunction with the University of Washington's Science Studies Network. January 2011 - June 2015.

Other scholarly work experience:

Website and Newsletter Staff Assistant.

University of Washington, Department of History. September 2010 - July 2011; September - December 2011.

Archaeological Field Assistant.

Porcupine Strand Archaeology Project, Department of Anthropology, Memorial University, Newfoundland. Principle Investigator: Dr. Lisa Rankin, MUN. Huntingdon Island, Labrador. June - August 2004; June to August 2005; June - August 2010.

Collections and Exhibits Intern.

The Center for Wooden Boats, South Lake Union, Seattle, Washington. Worked with shipwright to research, design, and mount an exhibit on traditional boat building tools. January - March 2008.

Archaeological Field Assistant.

L'Anse aux Meadows, National Historic Site of Canada. Survey of aboriginal and Norse occupation sites. Principle Investigator: Dr. Jenneth Curtis, Parks Canada. June 9 - 30, 2007.

Collections and Exhibits Intern.

New Bedford Whaling Museum, New Bedford, MA. Collections and archival management, documentation, research, collections planning, preservation, conservation, and interpretation. September - December 2006.

REFERENCES

Bruce Hevly, University of Washington, Department of History
Associate Professor, History of Science and Technology
bhevly@u.washington.edu

Simon Werrett, University College London, Department of Science and Technology Studies
Lecturer in History and Philosophy of Science
s.werrett@ucl.ac.uk

Adam Warren, University of Washington, Department of History
Associate Professor, Latin America
awarren2@u.washington.edu