

DANIEL MACFARLANE, Ph.D.

Institute of the Environment and Sustainability
 Western Michigan University
 Kalamazoo, Michigan, USA
 Canadian Citizen; U.S. Permanent Resident
 daniel.macfarlane@wmich.edu
<http://danielmacfarlane.wordpress.com>

Current Academic Position

- Associate Professor, Institute of the Environment and Sustainability, Western Michigan University (Kalamazoo, MI), 2019-Present
- Assistant Professor 2014-2019

Other Academic Positions

- Visiting Fellow, Water Center – Graham Sustainability Institute, University of Michigan, 2020-2021.
- Senior Fellow, Bill Graham Centre for Contemporary International History, Trinity College, University of Toronto, 2019-present.
- Associate, L.R. Wilson Institute for Canadian History, McMaster University, 2020-2023.
- Banting Postdoctoral Fellow, Great Lakes Research Center, Michigan Tech University (Houghton, MI), 2014.
- Visiting Scholar, School of Canadian Studies, Carleton University (Ottawa, ON), 2013- 2014.
- Fulbright Visiting Research Chair in Canadian Studies, Canadian Studies Center, Michigan State University (East Lansing, MI), 2013.
- SSHRC Postdoctoral Fellow, Department of History, Carleton University (Ottawa, ON), 2011-2012.

Education

- Doctor of Philosophy (Ph.D.) in History, University of Ottawa, 2007-2011.
- Master of Arts (M.A.) in Modern History, University of Saskatchewan, 2002-2004.
- Bachelor of Arts, High Honours (B.A. Hons) (Major: History; Minor: Political Studies), University of Saskatchewan, 1998-2002.

Refereed Publications (published or accepted)Books

- Author, *Fixing Niagara Falls: Environment, Energy, and Engineers at the World's Most Famous Waterfall*. Vancouver: UBC Press (Nature | History | Society series), 2020.
 - Co-editor with Murray Clamen, *The First Century of the International Joint Commission*. Calgary: University of Calgary Press (NiCHE-UCP Canadian History and Environment Series), 2020.
 - Co-editor with Lynne Heasley, *Border Flows: A Century of the Canadian-American Water Relationship*. Calgary: University of Calgary Press (NiCHE-UCP Canadian History and Environment Series), 2016.
 - Author, *Negotiating a River: Canada, the US, and the Creation of the St. Lawrence Seaway*. Vancouver: UBC Press (Nature | History | Society series), 2014.
- *Winner of Champlain Society's 2015 Floyd S. Chalmers Prize for Ontario History

Articles

- Co-author with Andrea Olive, "Whither Wintego: Environmental Impact Assessment and Indigenous Opposition in Saskatchewan's Churchill River Hydropower Project in the 1970s," *Canadian Historical Review* (forthcoming).
- Author, "Environmental Nationalist: Andrew McNaughton and Canada-US Relations in the Cold War," *International Journal* (forthcoming).
- Author, "The (Hydro)Power Broker: Robert Moses, PASNY, and the Niagara & St. Lawrence Megaprojects," *New York History Journal* 101.2 (Winter-Spring 2021): 297-318.
- Author, "Nature Empowered: Hydraulic Models and the Engineering of Niagara Falls," *Technology and Culture* 61 (1) (January 2020): 109-143.
- Author, "Saving Niagara From Itself: The Campaign to Preserve and Enhance the American Falls, 1965-1975," *Environment and History* vol. 25, no. 4 (November 2019): 489-520.
- Author, "Negotiating Niagara Falls: US-Canada Environmental and Energy Diplomacy," *Diplomatic History* vol. 43, no. 5 (November 2019): 916-943.
- Author, "'As Nearly As May Be': Estimating Ice and Water in the Niagara and St. Lawrence Rivers," *The Journal of Historical Geography* vol. 65 (July 2019): 73-84.

- Co-author with Murray Clamen, “Plan 2014: The Historical Evolution of Lake Ontario-St. Lawrence River Regulation,” *Canadian Water Resources Journal / Revue canadienne des ressources hydriques* vol. 43, no. 4 (December 2018): 416-431.
- Co-author with Andrew Watson, “Hydro Democracy: Water Power and Political Power in Ontario,” *Scientia Canadensis* vol. 40, no. 1 (2018): 1-18.
- Co-author with Peter Kitay, “Hydraulic Imperialism: Hydroelectric Development and Treaty 9 in the Abitibi Region,” *American Review of Canadian Studies*, Vol. 47 No. 3 (Fall 2016): 380-397.
- Author, “Fluid Meanings: Hydro Tourism and the St. Lawrence and Niagara Megaprojects,” *Histoire Sociale/Social History*, Vol. 49, no. 99 (June 2016): 327-346.
- Author, “Watershed Decisions: The St. Lawrence Seaway and Sub-National Water Diplomacy,” *Canadian Foreign Policy Journal* (special issue on sub-national activities and Canada-US relations co-edited by Christopher Kirkey and Michael Hawes) Vol. 21 (3) (2015): 212-223.
- Co-author with Murray Clamen, “The International Joint Commission, Water Levels, and Transboundary Governance in the Great Lakes,” *Journal of Policy Research* Vol. 32, Issue 1 (January 2015): 40-59.
- Author, “‘A Completely Man-Made and Artificial Cataract’: The Transnational Manipulation of Niagara Falls,” *Environmental History* 18 (4) (October 2013): 759-784.
- Author, “‘Caught Between Two Fires’: St. Lawrence seaway and power project, Canadian-American relations, and linkage,” *International Journal*, Vol. 67, Issue 2 (Summer 2012): 465-482.
- Author, “Courting war over a rubber stamp: Canada and the 1961 Berlin Wall crisis,” *International Journal*, Vol. 63, Issue 3 (Summer 2008): 751-768.
- Author, “The Value of a ‘Coyne’: The Diefenbaker Government and the 1961 Coyne Affair,” *Past Imperfect*, Vol. 14 (2008): 120-142.

Book Chapters

- Author, “Current Concerns: Canadian-American Electricity Relations and the St. Lawrence and Niagara Megaprojects,” in Amelia Kiddle, ed., *Energy in the Americas: Critical Reflections on Energy in History*, University of Calgary Press (forthcoming).
- Co-author with Lynne Heasley of two chapters in Lynne Heasley, *The Accidental Reef: A Great Lakes Composite*, Michigan State University Press (forthcoming).
- Author, “Hoover Dam in Hollywood: Energy Anxiety in *Superman*, *Transformers*, and *San Andreas*,” in Raechel Lutz, Robert Lifset, and Sarah Stanford-McIntyre, eds., *America Energy Cinema*, West Virginia University Press (forthcoming).
- Co-author with Lynne Heasley, “Water, Oil, and Fish: The Chicago River as a Transnational Matrix of Place,” in Kathleen Brosnan, Will Barnett, and Ann Keating, eds., *City of Lake and Prairie: Chicago’s Environmental History*, University of Pittsburgh Press, 2020.
- Co-author with Murray Clamen, “The International Joint Commission and Great Lakes Water Levels,” in Daniel Macfarlane and Murray Clamen, eds., *The First Century of the International Joint Commission*. Calgary: NiCHE-University of Calgary Press Canadian History and Environment Series, 2020.
- Co-author with Murray Clamen, “Introduction” in Daniel Macfarlane and Murray Clamen, eds., *The First Century of the International Joint Commission*. Calgary: NiCHE-University of Calgary Press Canadian History and Environment Series, 2020.
- Co-author with Murray Clamen, “Conclusion” in Daniel Macfarlane and Murray Clamen, eds., *The First Century of the International Joint Commission*. Calgary: NiCHE-University of Calgary Press Canadian History and Environment Series, 2020.
- Author, “Natural Security: Canada-US Environmental Diplomacy,” in Asa McKercher and Philip Van Huizen, eds., *Undiplomatic History: Rethinking Canada in the World*. Montreal: McGill-Queen’s University Press, 2019.
- Co-author with Noah Hall, “Transborder Water Management and Governance in the Great Lakes-St. Lawrence Basin,” in Stephen Brooks and Andrea Olive, eds., *Transboundary Environmental Governance Across the World’s Longest Border*. Lansing, MI: Michigan State University Press, 2018.
- Author, “Negotiated High Modernism: Canada and the St. Lawrence Seaway and Power Project,” in Edward Jones-Imhotep and Tina Adcock, eds., *Made Modern: Science and Technology in Canadian History*. Vancouver: University of British Columbia Press, 2018.
- Co-author with Norman Hillmer and Michael Manulak, “Pearson and Environmental Diplomacy,” in Asa McKercher and Galen Roger Perras, eds., *Mike’s World: Lester B. Pearson and Canadian External Affairs*. Vancouver: University of British Columbia Press, 2017.
- Author, “Fluid Relations: Hydro Developments, the International Joint Commission, and Canada-U.S. Border Waters,” in Peter Stoett and Owen Temby, eds., *Towards Continental Environmental Policy? North American Transnational Environmental Networks and Governance*. Albany, NY: SUNY Press, 2017.
- Author, “Dam the Consequences: Hydropolitics, Nationalism, and the Niagara-St. Lawrence Projects” in Lynne Heasley and Daniel Macfarlane, eds., *Border Flows: A Century of the Canadian-American Water Relationship*. Calgary: NiCHE-University of Calgary Press Environmental History Series, 2016.
- Author, “Bordering on Significance?” in Lynne Heasley and Daniel Macfarlane, eds., *Border Flows: A Century of the Canadian-American Water Relationship*. Calgary: NiCHE-University of Calgary Press Environmental History Series, 2016.

- Co-author with Lynne Heasley, “Negotiating Abundance and Scarcity: Introduction to a Fluid Border,” Introduction for Lynne Heasley and Daniel Macfarlane, eds., *Border Flows: A Century of the Canadian-American Water Relationship*. Calgary: NiCHE-University of Calgary Press Environmental History Series, 2016.
- Author, “Creating the Seaway: Mobility and a Modern Megaproject,” in Ben Bradley, Jay Young, and Colin Coates, eds., *Moving Natures: Environments and Mobility in Canadian History*. Calgary: NiCHE-University of Calgary Press Environmental History Series, 2016.
- Co-author with Colleen Beard and Jim Clifford, “Mapping the Welland Canals and the St. Lawrence Seaway with Google Earth,” in Jennifer Bonnell and Marcel Fortin, eds., *Historical GIS in Canada*. Calgary: NiCHE-University of Calgary Press Environmental History Series, 2014.
- Author, “Creating a Cataract: The Transnational Manipulation of Niagara Falls to the 1950s,” in Colin Coates, Stephen Bocking, Ken Cruickshank, and Anders Sandberg, eds., *Urban Explorations: Environmental Histories of the Toronto Region*. Hamilton, ON: L.R. Wilson Institute for Canadian Studies-McMaster University, 2013.

Textbooks

- Co-author and co-editor with Jim Clifford and Josh MacFadyen, *The Geospatial Historian* (e-textbook and website, funded by a NiCHE projects grant, teaching how historians can utilize GIS mapping): <http://geospatialhistorian.wordpress.com>. Part of *The Programming Historian 2* (<http://niche-canada.org/programming-historian>)
- Author, Post-Second World War chapters: “Canada Comes of Age, 1945-1963,” in *History of Canada Online*, a digital textbook for high school and undergraduate students (Ottawa: Northern Blue Publishing, 2008). <http://canadachannel.ca/HCO/index.php/B. Canada Comes of Age - 1945-1963>

Book Reviews

- Review of Brittany Luby, *Dammed: The Politics of Loss and Survival in Anishinaabe Territory*, in *Social History/Histoire Sociale* (forthcoming)
- Review essay on Josh MacFadyen, *Flax Americana*, Guillaume Teasdale, *Fruits of Perseverance*, and Jamie Benidickson, *Levelling the Lake*, in *American Review of Canadian Studies* Vol 50, No. 2 (2020).
- Review of Libby Hill, *The Chicago River: A Natural and Unnatural History*, rev. ed., in *The Journal of Illinois History* (forthcoming).
- Review of Jamie Benidickson, *Levelling the Lake: Transboundary Water Resource Management in the Lake of the Woods Watershed* in *Canadian Historical Review* 100:4 (December 2019).
- Essay Review of Michele Dagenais, *Montreal, City of Water: An Environmental History* and Harold Platt, *Sinking Chicago: Climate Change and the Remaking of a Flood-Prone Environment* in *Urban History Review* 46:1 (2019).
- Review of Nancy Langston, *Sustaining Lake Superior: An Extraordinary Lake in a Changing World*, in *Environmental History* 23: 3 (July 2018).
- Review of Julie Cohn, *The Grid: Biography of an American Technology* in *Review of Policy Research* in *Review of Policy Research* 35: 3 (May 2018).
- Review of Roberta M. Styran and Robert R. Taylor, *This Colossal Project: Building the Welland Ship Canal*, in *Scientia Canadensis* 39: 1 (2016-17).
- Review of Asa McKercher, *Camelot and Canada: Canadian-American Relations in the Kennedy Era*, H-Diplo Roundtable Review (May 2017).
- Review of Emma Norman, *Governing Transboundary Waters: Canada, the United States, and Indigenous Communities*, in *BC Studies* 192 (Winter 2016/17).
- Review of Nancy Bouchier and Ken Cruickshank, *The People and the Bay: A Social and Environmental History of Hamilton Harbour*, for *The Otter* (NiCHE) (March 2016).
- Review of David Soll, *Empire of Water: An Environmental and Political History of the New York City Water Supply*, in *Technology and Culture* 57: 1 (January 2016).
- Review of Ashley Carse, *Beyond the Big Ditch: Politics, Ecology, and Infrastructure at the Panama Canal*, H-Environment Roundtable Review (December 2015).
- Review of Matthew Evenden, *Allied Power: Mobilizing Hydro-Electricity during Canada’s Second World War*, H-Environment (September 2015).
- Review of Peter Clancy, *Freshwater Politics in Canada*, in *Environmental History* 20: 2 (March 2015).
- Review of Peter Stoett, *Global Ecopolitics: Crisis, Governance, and Justice*, in *International Journal* 70.1 (March 2015).
- Review of John Riley, *The Once and Future Great Lakes Country: An Ecological History*, on H-Environment (June 2014).
- Review of Emma S. Norman, Alice Cohen, and Karen Bakker, *Water Without Borders?: Canada, the United States, and Shared Waters*, in *American Review of Canadian Studies* (March 2014).
- Review of Joseph Zimmerman, *Interstate Water Compacts: Intergovernmental Efforts to Manage America’s Water Resources*, H-Environment (April 2013).
- Review of Damien-Claude Bélanger, *Prejudice and Pride: Canadian Intellectuals Confront the United States, 1891-1945*, on H-Canada (August 2013).

2011).

- Review essay of Robert Stagg, *The Golden Dream: A History of the St. Lawrence Seaway at Fifty*; Claire Puccia Parham, *The St. Lawrence Seaway and Power Project: An Oral History of the Greatest Construction Show on Earth*; Jeff Alexander, *Pandora's Locks: The Opening of the Great Lakes-St. Lawrence Seaway*, on H-Water (October 2010).
- Review of Robert Rutherford and Magda Fahrni, eds., *Creating Postwar Canada: Community, Diversity, and Dissent, 1945-1975*, in *Social History/Histoire Sociale* 42: 84 (November 2009).
- Review of Claire Parham, *The St. Lawrence Seaway and Power Project: An Oral History of the Greatest Construction Show on Earth* in *The Northern Mariner* XIX, 4 (October 2009).

Other

- Author, "The International Joint Commission and the Great Lakes Borderlands Environment," Borders in Globalization Research Project 91 (2019).
- Author, "Rapid Changes: Canada and the St. Lawrence Seaway and Power Project," Invited Paper, Program on Water Issues (POWI), Munk School of Global Studies, University of Toronto (September 2011).
- Author, "St. Lawrence Seaway," in Kathleen Brosnan, ed., *Encyclopedia of American Environmental History*, (New York: Facts on File, 2010), 2000 words.
- Co-author with John C. Courtney, nine entries ("Closure," "Disallowance," "Filibuster," "Franchise," "Ombudsman," "Orders-in-Council," "Parliamentary Democracy," "Referendum," "Royal Commissions"), *Oxford Companion to Canadian History* (Toronto: Oxford University Press, 2003).

Referred Publications (in progress or under review)

Books

Author, *Natural Allies?: The History of Canada-US Environmental and Energy Relations* (under consideration by Oxford University Press)
This survey text addresses the role of environmental diplomacy, energy, political ecology, and natural resources in Canadian-American relations from 1867 to the present.

Co-author with Colin Duncan, *Lake of Shining Waters: A Transnational Environmental History of Lake Ontario* (tentative title) (under consideration for joint publication by Cornell University Press and McGill-Queen's University Press)
This book project is a transnational environmental history of Lake Ontario, including the surrounding watershed and urban areas.

Articles

- Co-author, "Actionable Science and Data Harmonization in Transboundary River Organizations." (in development)
- Author, "The History of Canadian Climate Diplomacy" (in development)
- Author, "Current Events: A History of Canada-US Electricity Relations" (in development)

Book Chapters

- Author, "The IJC, Borders, and Sustainability in the Great Lakes-St. Lawrence Basin," in a forthcoming volume from the Borders in Globalization (BIG) SSHRC project.

Scholarships, Fellowships, Grants, and Awards

- Western Michigan University (College of Arts and Science) Discovery and Dissemination Award (2014; 2019) (\$1,000; \$600)
- Western Michigan University Faculty Research and Creative Activities Award (FRACAA) (2018) (\$8,800)
- SSHRC Connection Grant (co-applicant) (2017) (\$25,000)
- Western Michigan University Support for Faculty Scholars Award (2016) (\$2,000)
- Lee Honors College (WMU) Distinguished Service Award (2016)
- Champlain Society's Floyd S. Chalmers Award for Ontario History (2015) (\$1,000)
- Government of Canada, Banting Postdoctoral Fellowship (2014) (\$140,000)
- Society for the History of Technology (SHOT) travel grant (2013) (\$750)
- Canadian Historical Association travel grant (2013) (\$500)
- Rachel Carson Center for Environment and Society (LMU München) travel grant (2013) (\$1,500)
- Award to Scholarly Publishing Program (ASPP), Federation for the Humanities and Social Sciences (4 X \$8,000)
- First Time Author Grant, UBC Press (2013) (\$1,000)
- NiCHE-UCP manuscript development grant (with Lynne Heasley) for *Border Flows* (2012) (\$8,000)
- Fulbright Scholars Program, Visiting Research Chair (2012-13) (\$25,000)

- Government of Canada, SSHRC Postdoctoral Fellowship (2011-2012) (\$90,000)
- Eisenhower Archives travel grant (2011) (\$500)
- University of Ottawa, Dean's Scholarship (2011) (\$4,000)
- American Society for Environmental History (ASEH) conference travel grant (2010) (\$500)
- University of Ottawa Faculty of Graduate Studies conference travel grant (2009; 2010) (\$1,600)
- Government of Canada, SSHRC Doctoral Fellowship (2009-2011) (\$40,000)
- University of Ottawa Faculty of Graduate & Postdoctoral Studies research travel grant (2009) (\$550)
- Government of Ontario, Ontario Graduate Scholarship (2008-2009) (\$15,000)
- University of Ottawa, Excellence Scholarship (2008-2011) (\$30,000)
- University of Ottawa, Doctoral Entrance Scholarship (2007-2008) (\$10,000)
- University of Saskatchewan Graduate Students Association Bursary (2004) (\$1,000)
- Government of Canada, SSHRC Master's Scholarship (2003-2004) (\$15,000)
- University of Saskatchewan Graduate Teaching Fellowship (2002-2003) (\$17,000)
- University of Saskatchewan Douglas and Merle Bocking Award (2003) (\$1,000)

Conferences, Presentations, and Talks

- Invited Speaker, Watery Environments and Fluid Borders, University of Toronto (Toronto, 2020). Moderator and Presenter: The First Century of the International Joint Commission
- Invited Speaker, Michigan State University, Department of History Speaker Series (Lansing, 2019). Presenter: Fabricating Niagara Falls: Environment, Energy, and Engineers
- 3rd World Congress for Environmental History (Florianópolis, 2019). Presenter: Model Niagara: Hydraulic Engineers and a Border Waterscape; Panel Organizer: Border Flows: Hydraulic Engineers and Uncertainty Crossing Boundaries
- Association for Borderlands Studies/Western Social Science Association annual meeting (San Diego, 2019). Presenter: The International Joint Commission in the Great Lakes: Sustainability, History, and Political Ecology
- American Society for Environmental History (ASEH) annual conference (Columbus, 2019). Presenter: Saving Niagara From Itself: Turning off the American Falls in 1969; Panel Organizer: Summer of '69: Iconic Environmental Events 50 Years Later; Panel Chair: Water Haves/Have Nots: Stories of Historic Rights, Power Plays, and Water (In)justice
- Discussant for "In Conversation with Andrew Reeves," author of *Overrun: Dispatches from the Asian Carp Crisis*, This is a Bookstore (Kalamazoo, 2019)
- Invited Speaker, Wilson Visiting Speaker Series (L.R. Wilson Institute for Canadian History, McMaster University, Hamilton, 2018). Faking Niagara Falls: The Transborder Remaking of an Iconic Waterscape
- Invited Speaker, Brock University, History Department Colloquium (St. Catharines, 2018). Fixing Niagara Falls: The 20th Century Transformation of a Famous Waterscape
- Society for the History of Technology (SHOT) annual meeting (St. Louis, 2018). Presenter: Nature Empowered: Hydraulic Models, Engineers, and the Hydraulic Landscape of Niagara Falls
- Invited Speaker, Niagara University (Niagara Falls, NY, 2018). Faking Niagara Falls: Energy, Environment, and Engineers
- Invited Speaker, Burning Books (Buffalo, 2018). The Hidden History of Remaking Niagara Falls
- Invited Speaker, Osher Lifelong Learning Institute – Lecture Series (Kalamazoo, 2018). History of Engineering and Changing Niagara Falls
- Invited Speaker, St. Lawrence River Institute of Environmental Sciences: Science and Nature on Tour (Long Sault, 2018). Regulating a River: Creating the St. Lawrence Seaway and Power Project (and Plan 2014)
- Borders in Globalization – 2nd International Conference (Ottawa, 2017). Presenter: The IJC, Sustainability, and Great Lakes Water
- Canadian Science and Technology Historical Association (CSTHA) biennial conference XX (London, 2017). Presenter: Disguised Design: Engineering Niagara Falls in the 1950s
- The First Century of the International Joint Commission (Ottawa, 2017). Co-Presenter: The IJC and Great Lakes Water Levels, 1909-Present
- Estimated Truths: Water, Science, and the Politics of Approximation, Max Planck Institute for the Study of Science (Berlin, 2017). Presenter: "As Nearly As May Be": Controlling Water on the Niagara and St. Lawrence Rivers
- IWhA – Water History Conference 2017 (Grand Rapids, 2017). Presenter: A History of Controlling Great Lakes Water; Presenter: The Summer of '69: Turning off Niagara Falls
- Undiplomatic History: Rethinking Canada in the World, LR Wilson Institute for Canadian History, McMaster University, (Hamilton, 2017). Presenter: The Nature of the Relationship: Canada-US Environmental Diplomacy in the Cold War

- American Society for Environmental History (ASEH) annual conference (Chicago, 2017). Roundtable Organizer and Participant: Great Lakes History in a Time of Water Crisis
- Invited Speaker, Osher Lifelong Learning Institute – Lecture Series (Kalamazoo, 2017). Presenter: Water Levels and Water Diversion in the Great Lakes
- American Society for Environmental History (ASEH) annual conference (Seattle, 2016). Presenter: The Nature of the Relationship: US-Canadian Environmental Diplomacy in the Early Cold War
- Upper St. Lawrence Riverkeeper, Save the River annual winter conference (Clayton, NY, 2016). Keynote Speaker: Regulating a River: Water Levels and the St. Lawrence Seaway and Power Project
- Lyceum Lectures Series, Lee Honors College, Western Michigan University (Kalamazoo, 2016). Presenter: A Transborder History of Controlling Water in the Great Lakes-St. Lawrence Basin
- Breisach Faculty Research Colloquium Series, Department of History, Western Michigan University (Kalamazoo, 2015). Beauty vs. Power: A Transborder History of Remaking Niagara Falls
- Faculty Research Lecture Series, Department of Geography, Western Michigan University (Kalamazoo, 2015). Presenter: Manipulating Niagara Falls: Space, Place, and Environment
- Association of Canadian Studies in the United States (ACSUS) (Las Vegas, 2015). Presenter: Fluid Borders: Environments, Nationalism, and the St. Lawrence and Niagara Megaprojects
- IWHA – International Water History Conference 2015 (Delft, 2015). Presenter: Diversions and Distortions: Canada, the United States, and the Engineering of Niagara Falls; Chair for two panels
- Congress 2015, Environmental Studies Association of Canada (ESAC) and Canadian Historical Association (CHA) (Ottawa, 2015). Roundtable participant: Is All History Now Environmental History? The Anthropocene in Historical Context
- Congress 2015, Canadian Historical Association (CHA) annual conference (Ottawa, 2015). Roundtable participant: Thinking Outside the Box: Historians and Interdisciplinarity
- Science, Technology, and the Modern in Canada: A Conference in Honour of Richard Jarrell (Toronto, 2015). Presenter: Negotiated High Modernism: Canada and the St. Lawrence Seaway and Power Project
- Invited Speaker, Honours Seminar, Concordia University, The Loyola Sustainability Research Centre and Department of Political Science (Montreal, 2015). Fluid Relations: Canada-U.S. Water Politics and the St. Lawrence Seaway
- Symposium on North American Environmental Governance (Montreal, 2015). Invited Panelist, North American transnational water governance
- Society for the History of Technology (SHOT) annual meeting (Dearborn, 2014). Presenter: Canada, the US, and the Envirotechnical Manipulation of Niagara Falls
- Landscape, Nature, and Memory: Tourism History in Canada (Vancouver, 2014). Presenter (via Skype): Fluid Meanings: Tourism and the St. Lawrence-Niagara Megaprojects
- Energy in the Americas: Critical Reflections on Energy and History, (Calgary, 2014). Presenter (via Skype): The St. Lawrence and Niagara Megaprojects: Canadian-American Energy Relations
- Borders in Globalization conference (Ottawa, 2014). Presenter: The International Joint Commission, Sustainability, and Great Lakes Water: A Historical Appraisal
- Invited Speaker, Lost Villages Historical Association (Long Sault 2014). The Creation of the St. Lawrence Seaway and Power Project
- Congress 2014, Canadian Historical Association (CHA) annual conference (St. Catharines, 2014). Presenter: Compromised Rivers: Envirotechnical Nationalisms in the St. Lawrence and Niagara Megaprojects
- Sub-national Activities and their Influence on Foreign Policy: Understanding the Context of Canada-U.S. Relations (Toronto, 2014). Presenter: Watershed Decisions: St. Lawrence Seaway and Sub-national Environmental Diplomacy
- American Society for Environmental History (ASEH) annual conference (San Francisco, 2014). Presenter: Fluid Border: Environmental Diplomacy, Envirotechnical Manipulation, and the St. Lawrence Seaway
- Quelques arpents de neige Environmental History Workshop (Kingston, 2013). Presenter: On the Level: A History of Controlling and Understanding Great Lakes Water Levels
- Canadian Science and Technology Historical Association (CSTHA) biennial conference XVIII (Montreal, 2013). Presenter: Model Developments: The St. Lawrence and Niagara Power Projects
- Society for the History of Technology (SHOT) annual meeting (Portland, 2013). Presenter: Nation-Building: The Creation of the St. Lawrence Seaway and Power Project
- Congress 2013, Canadian Historical Association (CHA) annual conference (Victoria, 2013). Roundtable participant: Squaring Borders and (Bio)regions in Canadian History
- Congress 2013, Canadian Historical Association (CHA) annual conference (Victoria, 2013). Roundtable participant and organizer:

Exploring High Modernism in the Canadian Context

- Great Lakes Roundtable (East Lansing, 2013). Co-organizer & presenter: The International Joint Commission and the Transnational History of Great Lakes Water
- National Council on Public History (NCPH) annual meeting (Ottawa, 2013). Roundtable participant: Making Environmental History Public Through Digital Technologies.
- American Society for Environmental History (ASEH) annual conference (Toronto, 2013). Presenter: “A Completely Man-Made and Artificial Cataract”: The 1950 Niagara Treaty and the Transnational Manipulation of Niagara Falls; Panel organizer: Bordering on Relevance: Watersheds in Canada-U.S. Transnational History
- Faculty Lecture Series, Michigan State University, Department of History (East Lansing, 2013); Invited Speaker: Negotiating High Modernism: The Niagara and St. Lawrence Transborder Projects
- “Rivers, Cities, Historical Interactions” – Rachel Carson Center conference (Munich, 2013). Presenter: Dam the Consequences: Montreal, Cornwall, and the St. Lawrence Seaway and Power Project
- History Matters Series, Historical Section, Department of Foreign Affairs and International Trade (DFAIT), Government of Canada (Ottawa, 2013). Invited Speaker: Negotiating a Seaway: Canadian-American Resource Diplomacy in the Early Cold War
- Congress 2012, Canadian Historical Association (CHA) annual conference (Waterloo, 2012). Roundtable participant and organizer: A Roundtable on the Macro-theories of Canadian History: staples, metropolitan-hinterland, Laurentian theses; Chair and panel organizer: Power and the State: The Politics of Energy and Natural Resources
- Carleton University, Department of History Colloquium (Ottawa, 2012). Invited Speaker: Dam the Consequences: Creating the St. Lawrence Seaway and Power Project
- Quelques arpents de neige Environmental History Workshop (Kingston, 2011). Presenter (with Jim Clifford): Historical GIS and Environmental History: what have we accomplished?
- Canadian Science and Technology History Association (CSTHA) biennial conference XVII (Ottawa, 2011). Presenter: Rapid Changes: Technology, Environment, and the Creation of the St. Lawrence Seaway and Power Project
- Congress 2011, Canadian Historical Association (CHA) annual conference (Fredericton, 2011). Presenter: Displaced Waters and Displaced Communities: Exploring the Formation of the St. Lawrence Seaway and Power Project
- Invited Talk, Ottawa Public Library, Discovering Ottawa’s Environmental History Series (NiCHE & Ottawa Public Library) (Ottawa, 2011). The St. Lawrence Seaway and Power Project
- Environments of Mobility in Canadian History Workshop (Toronto, 2011). Presenter: Creating the Seaway: Environmental Nationalism, High Modernism, and Conceptions of Nature
- Canadian Studies Roundtable, Canadian Studies Program, Western Michigan University (Kalamazoo, 2011). Roundtable facilitator: Borders and Water
- Society for Historians of American Foreign Relations (SHAFR) annual conference (Madison, 2010). Presenter: Creating the St. Lawrence Seaway and Power Project: Canada-U.S. Environmental Diplomacy, 1949-1954
- Congress 2010, Canadian Historical Association (CHA) annual conference (Montreal, 2010). Presenter: Productive Disagreement: The Rise and Fall of an All-Canadian Seaway, 1945-1954; Panel Co-organizer: “Rifts in the Rapids: The St. Lawrence Seaway Then and Now”
- Quelques Arpents de Neige Environmental History Group (Ottawa, 2010); Presenter: Unwanted Diversions: The Ebb and Flow of an All-Canadian St. Lawrence Seaway, 1949-1954
- American Society for Environmental History (ASEH) annual conference (Portland, 2010); Presenter: ‘Sold the Nation’s Birthright’: Canadian-American Environmental Diplomacy and the Creation of the St. Lawrence Seaway, 1949-1954
- Congress 2009, Canadian Historical Association (CHA) annual conference (Ottawa, 2009). Presenter: Brick by Brink: Diefenbaker and the 1961 Berlin Wall Crisis; Panel organizer: “The Diefenbaker Interlude: Reappraising Diefenbaker’s External Affairs Legacy, 1957-1963”
- Congress 2007, Canadian Historical Association & Canadian Indigenous and Native Studies Association, “Fur Trade and Metis Days” (Saskatoon, 2007). Presenter: ‘The Crossing Place’: A Microhistorical Study of Fort Carlton, 1823-1824
- Congress 2007, Canadian Association for Studies in Co-operation, “Co-operatives & Innovation: Influencing the Social Economy” (Saskatoon, 2007). Presenter: Screening Co-operatives: Film, Interviews, and the Social Economy
- Pierre Savard History Graduate Student Colloquium (Ottawa, 2007). Presenter: ‘Courting War Over a Rubber Stamp’: Canada and the 1961 Berlin Wall Crisis.
- Canadian Association for University Continuing Education Annual Conference (St. John’s, 2005). Presenter: University Continuing Education and Social Change: What can we learn from the history of Alberta and Saskatchewan? (co-presented with Scott McLean and Indrani Chakraborty)
- University of Saskatchewan & University of Regina History Graduate Students Conference (Saskatoon, 2004). Presenter: Bigger Than the Both of Them: The Diefenbaker Government and the Coyne Affair; Presenter: The ‘Reel’ Führer: Approaching Hitler in

Post-Second World War Film.

Conference/Workshops Organized

- The First Century of the International Joint Commission (co-organizer with Murray Clamen, Jamie Benidickson, Greg Donaghy) (Ottawa, 2017)
- IWhA's Water History 2017 Conference (lead organizer) (Grand Rapids, 2017)
- Great Lakes Roundtable (co-organized with Ann-Marie Schneider) (East Lansing, 2013)
- Border Flows (co-organized with Lynne Heasley) (Kingston, 2012)

Digital Contributions

- Co-lead on NiCHE's "Digital Tools" project: <http://niche-canada.org/digital-tools/>
- Editor-in-Chief (2018-19) and editor (2014-present) for The Otter~La loutre (NiCHE) blog.
- Contributor for The Otter~La loutre (NiCHE) blog. Collected contributions: <http://niche-canada.org/author/danielmacfarlane/>
- Invited contributor to Active History group blog (8 posts)
- Contributor to *Edge Effects*: "Faking Niagara Falls: A Visual History of Remaking the World's Most Famous Waterfall"
- Guest contributor to American Rivers blog
- Guest Contributor to the FLOW for Water blog (2 posts)
- Contributor and peer reviewer for Rachel Carson Center's *Arcadia: Explorations in Environmental History*: <http://www.environmentandsociety.org/arcadia/niagara-tecolorimeter>
- Contributor to the "Culture and the Canada-U.S. Border" group blog

Public & Media Contributions

- Daniel Macfarlane, "Deceit of engineering: It turns out Canada's top natural wonder, Niagara Falls, isn't so natural after all" November 21, 2020, *Globe & Mail*: <https://www.theglobeandmail.com/opinion/article-turns-out-canadas-top-natural-wonder-niagara-falls-isnt-so-natural/>
- Interviewed for Brian Owens, "Legacy pollutants continue to haunt Great Lakes," November 3, 2020, *Great Lakes Now*: <https://www.greatlakesnow.org/2020/11/legacy-pollutants-great-lakes-terns-emerald-shiners/>
- Interviewed for Tom Spears, "Ontario has a long, fascinating history of shipwrecks. But it is rarely recognized," September 24, 2020, *Ottawa Citizen*: <https://ottawacitizen.com/news/local-news/ontario-has-a-long-fascinating-history-of-shipwrecks-but-it-is-rarely-recognized>
- Interviewed for Carol Thompson, "10 year later, Kalamazoo River oil spill casts a shadow on debate over Enbridge's Line 5," July 25, 2020, *Lansing State Journal*: <https://www.lansingstatejournal.com/restricted/?return=https%3A%2F%2Fwww.lansingstatejournal.com%2Fstory%2Fnews%2F2020%2F07%2F25%2Fenbridge-line-5-2010-oil-spill-kalamazoo-river-marshall-michigan-great-lakes%2F5483123002%2F>
- Podcast and TV Interview, WWMT Newschannel 3 (Kalamazoo), "Understanding Lakeshore Erosion Policy," February 13, 2020, <https://anchor.fm/wwmt/episodes/Understanding-lakeshore-erosionpolicy-eaqreu>
- Daniel Macfarlane, "Great Lakes flooding: The warning signs that homes must be moved," *The Conversation* (also published on the World Economic Forum website) October 15, 2019, <https://theconversation.com/great-lakes-flooding-the-warning-signs-that-homes-must-be-moved-122697>
- Daniel Macfarlane, "In 1969 Engineers Turned Off the Water of Niagara Falls," *Slate*, May 20, 2019, <https://slate.com/technology/2019/05/niagara-falls-june-1969-dewatering.html>
- Interviewed for Tom Spears, "St. Lawrence Seaway at 60: Controlling the water, one lock at a time," *Montreal Gazette*, 28 April 2019, <https://montrealgazette.com/news/local-news/seaway-at-60/st-lawrence-seaway-at-60-controlling-the-water-one-lock-at-a-time>
- Interviewed for Alan S. Hale, "Seaway at 60: Project would be nearly impossible if done today," *Cornwall Standard-Freeholder*, 26 April 2019, <https://www.standard-freeholder.com/seaway-at-60/seaway-at-60-project-would-be-nearly-impossible-if-done-today/wcm/da0c9c7e-23fe-44ae-89e2-4dce63c82bc2>
- Daniel Macfarlane, "Turning Off American Falls – Again?" *Buffalo News*, 5 December 2018: <https://buffalonews.com/2018/12/05/another-voice-dewatering-american-falls-would-be-a-tourism-turn-off/>
- Daniel Macfarlane, "These chemicals in North American waters could spark a health crisis in Canada," *Maclean's*, 1 November 2018: <https://www.macleans.ca/opinion/these-chemicals-in-north-american-waters-could-spark-a-health-crisis-in-canada/>
- Featured in Cameron Kennedy, "St. Lawrence Seaway and Power Dam project 'not worth' the effort," *Kingston Whig-Standard*, 12 July 2018, <https://www.thewhig.com/news/local-news/st-lawrence-seaway-and-power-dam-projects-not-worth-the-effort/wcm/f3a90fbd-f2bf-49bc-b176-d0fb5f009cb4>

- Daniel Macfarlane, “How engineers created the icy wonderland at Niagara Falls,” *Washington Post* (also ran in *Toronto Star*, *Ottawa Citizen*, MSN, and various other media outlets), 7 January 2018, https://www.washingtonpost.com/news/made-by-history/wp/2018/01/07/how-engineers-created-the-icy-wonderland-at-niagara-falls/?tid=ss_tw-bottom&utm_term=.146f8157f2c5
- Interviewed for Steve Orr and Meaghan M. McDermott, “Lake Ontario Flooding: What about Next Time?” *Rochester Democrat and Chronicle*, 5 January 2018, <https://www.democratandchronicle.com/story/news/2018/01/05/lake-ontario-flooding-what-next-time/972696001/>
- Daniel Macfarlane, *Cornwall Standard-Freeholder*, “It’s now 40 years after the last tweak on water levels policy for the St. Lawrence River,” 25 September 2015, <http://www.standard-freeholder.com/2015/09/25/its-now-40-years-after-the-last-tweak-on-water-levels-policy-for-the-st-lawrence-river>
- Interviewed for Rebecca Leber, “Stephen Harper Turned Canada Into a Climate Change Villain. An Election Won’t Change That,” *The New Republic*, 9 September 2015, <http://www.newrepublic.com/article/122724/stephen-harper-turned-canada-climate-villain>
- Feature interview, “Nature’s Past” podcast, Episode 45, October 2014, <http://nichecanada.org/2014/10/29/natures-past-episode-45-the-st-lawrence-seaway-and-power-project/>
- Research mentioned in *Smithsonian Magazine*, *Globe and Mail*, *Huffington Post*:
[-https://www.smithsonianmag.com/travel/when-niagara-falls-ran-dry-180972198/](https://www.smithsonianmag.com/travel/when-niagara-falls-ran-dry-180972198/)
[-https://www.theglobeandmail.com/news/national/the-story-of-the-st-lawrence-river-lifeblood-of-the-country/article25878683/](https://www.theglobeandmail.com/news/national/the-story-of-the-st-lawrence-river-lifeblood-of-the-country/article25878683/)
[-http://quebec.huffingtonpost.ca/2015/03/28/les-chutes-du-niagara-nexistent-plus_n_6961392.html](http://quebec.huffingtonpost.ca/2015/03/28/les-chutes-du-niagara-nexistent-plus_n_6961392.html)
- Feature interview on the St. Lawrence Seaway and Power Project, “All in a Day,” CBC Radio Ottawa, 18 January 2011.
- Feature interview on the St. Lawrence Seaway and Power Project, CKCU Radio Ottawa, 17 January 2011.
- Guest editorial, *National Post* (also published in: *Edmonton Journal*, *Ottawa Citizen*, *canada.com*), “Forgotten Passage: The Legacy of the St. Lawrence Seaway at 50,” 30 June 2009.

Teaching

Graduate Student Supervision

- Jessica Helps, M.A. Major Research Paper, “Tying the Nation Together from Railroads to Pipelines: Articulating the Nationalisms of Canadian Oil and Gas, 1946-1956,” School of Canadian Studies, Carleton University (completed 2014). Co-supervisor.
- Peter Kitay, M.A. Major Research Paper: “Hydraulic Imperialism: An Environmental History of Treaty No. 9 and Lake Abitibi (1896-1919),” School of Canadian Studies, Carleton University (completed 2014). Co-supervisor.

Honors Thesis Supervision

- Lindsay Makos, “What’s Wrong with the Tap? Examining the Tap Water and Bottled Water at Western Michigan University.” Lee Honors College, Western Michigan University (completed 2018). Thesis Chair.

Instructor

- Environmental Studies 4500 – The Nature of College. Western Michigan University.
 This capstone seminar used James Farrell’s book *The Nature of College* as a starting point. Students mapped the environmental impacts of the items and activities in their daily routine, and then did a group project about implementing an environmental internship program for environmental and sustainability majors at WMU.
- Environmental Studies/Freshwater Studies 5400 – Michigan Water Issues. Western Michigan University.
 This senior seminar for the Freshwater Science and Sustainability major examines major water issues in Michigan: Flint Water Crisis; Nestle and groundwater withdrawals; Great Lakes; water shutoffs in Detroit; Line 5 Pipeline; PFAS issues; Kalamazoo River Oil Spill; Superfund sites, etc. This course is reading and writing intensive – students read a variety of publications (e.g., books, articles, laws) and complete a range of writing assignments, including a major water policy paper.
- Environmental Studies/Freshwater Studies 5400 – U.S. Freshwater Policy. Western Michigan University.
 This hybrid seminar (online and in-person) for the Freshwater Science and Sustainability major focuses primarily on federal and state freshwater policies in the United States, but also engages regional, local, and global water resources issues. Themes examined include quantity and quality, groundwater and surface water, water law, federalism, policy formulation processes, foreign policy and environmental diplomacy, municipal water supplies, bottled water, water privatization, water and energy, etc. Engaging the fields of political science and political ecology, as well as history, law, and international relations, this course addresses the historical evolution

of water policy and consider contemporary and future questions. This course is reading and writing intensive – students read a variety of publications (e.g., books, articles, laws) and complete a range of writing assignments, including a major water policy paper.

•Environmental Studies 4500 – The Flint Water Crisis. Western Michigan University. This seminar examines environmental issues connected to the Flint Water Crisis. This senior seminar examines the long-term history that led to the structural inequality that made the Flint Water Crisis possible, delves into the events, policies, and processes that directly caused the crisis, and considers how to move forward. The concepts of environmental justice, racism, and ethics are central to this seminar, which also explores other themes such as public health and toxins; governance and democracy; and the role of the media; and scientific uncertainty, citizen science, and the politicization of expertise. An experiential learning approach is incorporated, including a tour of Flint, and meetings with experts on the crisis. Students do readings based on scientific and government reports, as well as academic publications, and produce a final research project.

•Environmental Studies 4500 – The Kalamazoo River. Western Michigan University.

This course is a place-based senior seminar that uses the local river to examine key environmental issues. The course centers on the Kalamazoo River as a both a Superfund site (from paper mills) and the site of the 2010 oil spill, one of the largest inland oil spills in US history. An experiential learning approach is incorporated, as the class does walking and kayak tours of various sites, and meets with public and private sector officials (e.g., local, state, and federal environmental officials).

•Environmental Studies/Freshwater Studies 4010 – Great Lakes Water Policy. Western Michigan University.

This hybrid course (online and in-person) for the Freshwater Science and Sustainability major examines water policy and governance in the Great Lakes basin, particularly water quantity and water quality, as well as connected issues such as invasive species. It covers the historical development of Great Lakes water policies over the 20th century, and engages more recent policies, contemporary issues, and future challenges. As the Great Lakes are a bioregion and resource shared between two countries, this course considers the transborder implications, looking at both the American and Canadian governments, and states and provinces. The role of the International Joint Commission is also a central concern. This course is reading and writing intensive – students read a variety of publications (e.g., books, articles, laws) and complete a range of writing assignments, including a major policy paper.

•Environmental Studies/Freshwater Studies 4500 – Great Lakes Water Policy. Western Michigan University.

This course examines water policy and governance in the Great Lakes basin, particularly water quantity and water quality, as well as connected issues such as invasive species. It covers the historical development of Great Lakes water policies over the 20th Century, and engage more recent policies, contemporary issues, and future challenges. As the Great Lakes are a bioregion and resource shared between two countries, this course considers the transborder implications, looking at both the American and Canadian federal governments, as well as the provinces of Ontario and Quebec and the eight Great Lakes states. The role of the International Joint Commission is also a central concern. This course is reading and writing intensive – students read a variety of sources and publications and complete a range of writing assignments, including a major policy paper.

•Environmental Studies 4200 – Environmental Internship. Western Michigan University.

Supervision of a student completing a summer internship at a wildlife rehabilitation facility. The student then completed a lengthy reflection paper.

•Environmental Studies 1100/2050 – Nature, Society, and Sustainability. Western Michigan University.

This course is an interdisciplinary introduction to the study of environmental studies designed for majors and minors in the program. Through a survey of environmental topics, students will examine changing human relationships to the nonhuman world, diverse approaches to environmental problems, and environmental literature from the humanities to the sciences. The course is reading and writing intensive, and also includes a required weekend camping trip. From 2014 until 2019 this class was a 1000-level course titled Introduction to Nature and Society but as of 2019 it became a 2000-level course.

•History 3409 – United States in the 20th Century. Carleton University.

Designed a course examining the history of the United States from the 1900s to the 1990s with an emphasis on how political, international economic, environmental, and social developments shaped the conditions, attitudes, and values of present-day America. Subjects to be discussed in readings and in class include the Progressive Era, First World War, the Roaring Twenties, the Great Depression, Roosevelt's New Deal, Second World War, Cold War, Civil Rights movement, the Vietnam War, Great Society, the student protest and counterculture movements of the 1960s, and social changes in recent decades.

•Sociology 4310 – Globalization and the Environment. University of Ottawa.

Designed a course addressing the relations between social, cultural, economic and political globalization and the natural environment, with a particular emphasis on transnational water issues. This course pays special attention to cultural ideas about the environment, social movements, expert and local/traditional knowledges, and the attempts of major institutional actors such as states and corporations to navigate the dynamic between economic and environmental globalization.

•History 3104 – Ontario Since Confederation. University of Ottawa.

Designed a course on the history of Ontario since Confederation. This course examines the pertinent political social, economic, political, cultural, and environmental aspects of the province's history since 1867. Subjects discussed in readings and in class include federalism, Ontario-Quebec relations, Ontario Hydro and energy, etc.

•Canadian Studies 4400 – Canadian Cultural Landscapes. Carleton University.

Designed and taught a seminar on cultural landscape appreciation and the development of Canadian individual and collective cultural identities, through the lenses of environmental history and studies, cultural geography, heritage and public history, planning and architecture, and representational/literary sources. Cultural landscapes are analyzed as a tool for understanding physical and mental landscapes and their shaping of identity, and vice versa. These include Indigenous landscapes, major Canadian parks such as Banff, rivers and waterfalls such as Niagara and the St. Lawrence, Acadian and prairie settlement, and historic cities. Students utilize official cultural landscape reports from the National Capital Commission to engage and evaluate sites in Ottawa.

•First Year Program 187D (Canadian Studies) – The St. Lawrence River & Seaway. St. Lawrence University.

Co-designed and co-taught (with Robert Thacker, Charles A. Dana Professor of Canadian Studies) a Canadian Studies course in the First Year Program (FYP) program that focuses on the transnational history and culture of the St. Lawrence valley. FYP is a unique co-taught interdisciplinary course which is the keystone of St. Lawrence University's liberal arts education, with students taking the course from all disciplines across the arts and sciences. Teaching in the FYP also involves acting as the adviser for students. This course involves both a lecture and seminar component, as well as a field trips in the St. Lawrence Valley.

•History 4302S/5312S – Canadian Environmental History. Carleton University.

In this Honours/graduate seminar students engaged not only the wider environmental history of Canada, and North America, but field trips in and around Ottawa allowed students to connect readings and ideas with place and practice. Given the abundance of water in Canada, and the range of canals and hydro-electric developments close to Ottawa, the theme of water in Canadian history received special attention. Students were required to do extensive readings, present to the group, produce a major paper based on primary source research, and do either a community environmental history paper, a digital humanities project, or a historiographical paper.

•History 3904B – Modern US History: U.S.-Canada Environmental Relations. Carleton University.

Designed and taught a third-year course on the history of environmental relations between the United States and Canada that connected both transnational and environmental history. Focusing on the bilateral relationship since the 19th century, students learned about the key role natural resources and environmental issues have played in the Canadian-American relationship. The course dealt with issues such as the International Joint Commission (IJC), especially those connected to boundary waters such as the St. Lawrence Seaway and Power Project, the Great Lakes, and the Columbia River treaty. In addition, it also dealt with a wide range of other issues such as air pollution, fisheries, oil/gas, the Arctic, and acid rain. This course involved training at Library and Archives Canada, and students were strongly encouraged to use primary sources for their research papers.

•History 2100 – The Historian's Craft. University of Ottawa.

Designed and taught a second-year course on historiography and historical research methods. For this course, I helped develop a pilot program with the Education Division of Library and Archives Canada (LAC) to introduce and familiarize university students with archival sources and research methods, which involved the students attending three classes at LAC and submitting assignments based on their archival research. I also elected to utilize the Experiential Learning Service (ESL) option, whereby students could choose to undertake a community-based historical research project – Community Learning Service (CLS) – with non-profit organizations (museum, archive, community association, etc.), an opportunity that allowed students to apply their historical studies to real-world situations in ways that benefit their community.

Teaching Development

•Teaching History in Diverse Venues: A Workshop Linking Historians and Educators in Bettering History Education Practice, Association for Canadian Studies, The History Education Network/ Histoire et éducation en réseau (THEN/HiER), and Active History (Toronto, November 2010).

•Canada's Diverse Histories conference, Ontario History and Social Science Teachers' Association and Association for Canadian Studies (Toronto, November 2010).

•Five workshops on teaching at the university level (2002-2007).

Internal WMU Service Activities

•ENVS Departmental Policy Statement Committee (2020)

•ENVS Curriculum Committee (2018-2019)

•ENVS Executive Committee (2016-2018)

•ENVS Gwen Frostic Speaker Series Committee (2017-18)

•Honors Thesis Supervisor – Lee Honors College (1 student – completed 2018)

•ENVS Environmental Hour (monthly departmental colloquium) – organizer (2015-2017)

•Lee Honors College Lyceum Lecture Series on Water – co-organizer (2016)

•ENVS Communication/Media Committee – chair (2014-present)

•ENVS Freshwater Program Assessment Committee – member (2015-present)

Professional Service Activities

Roles and Affiliations

- Network in Canadian History and Environment (NiCHE) – executive board member and editor (2012-present); lead editor (2018-2019)
- International Water History Association – President (2019-21); Vice President (2017-2019); Executive Council member (2015-present)
- Global Water Institute, Carleton University – affiliate researcher (2017-present)
- Actionable Science in Transboundary River Basins, SESYNC (National Socio-Environmental Synthesis Center) (PIs: Andrea Gerlak and Anita Milman) – workshop and project participant (2018-20)
- Borders in Globalization (BIG) network (SSHRC Partnership Grant) – research associate
- Envirotech Mentorship Program – SHOT annual meeting (2020)

Editorial Positions

- Guest co-editor (with Claire Campbell and Lynne Heasley) of special issue of the *Michigan Historical Review* volume 45, no. 1 (Spring 2019) titled “‘Pure Michigan’: Environmental Histories of the Great Lakes State.”
- Guest co-editor (with William Knight) special issue of *Scientia Canadensis* volume 40, no. 1 (2018) on intersections of science, technology, and environment.
- Guest editor *Capstone Seminar Journal* (Canadian Studies, Carleton University) volume 4, no. 1 (Spring 2014) titled “(Re)Negotiating Artifacts of Canadian Narratives of Identity.”
- Co-editor of The Otter~La loutre (NiCHE) blog: <http://niche-canada.org/otter>
- Papers in Canadian History and Environment (PiCHE) – Editorial Board (2018-present)
- The Otter~La loutre E-book Series – Series Co-editor

Examiner/Referee

- Book manuscript referee for McGill-Queen’s University Press; University of British Columbia Press; University of Pittsburgh Press; ISER Press
- Ph.D. Dissertation External Examiner for dissertations at Concordia University and University of Guelph
- Article referee for *Environmental History*; *Technology and Culture*; *Canadian Foreign Policy Journal*; *Michigan Historical Review*; *Scientia Canadensis*; *Water History*; *Journal of the Canadian Historical Association*; *Urban History Review*; *Left History*; *Journal of Environmental Studies and Sciences*; *Journal of Policy Research*; *Arcadia: Explorations in Environmental History*; *American Review of Canadian Studies*; *Histoire Sociale/Social History*
- SSHRC Insight Grants – assessor
- Programming Historian – peer reviewer
- Historic Sites and Monuments Board (Parks Canada) – Plaque text reviewer (Great Lakes Fisheries; Sault St. Marie Canals)
- Albert B. Corey Prize Jury – best book on Canadian-American relations/history (jointly awarded by AHA and CHA) (2017-2020)
- Envirotech (SHOT subgroup) – Joy Parr Travel Prize Committee (2018)

Conferences/Colloquia/Field Trips

- ASEH 2020 – Local Arrangements Committee & leader of field trip to St Lawrence Seaway and Power Project (*canceled due to COVID-19)
- 2017 ACSUS Biennial Conference – co-section head for Geography, Energy, and Environment
- 2015, 2017, 2019 International Water History Conference – program committee
- CHESS – NiCHE Summer School – participant (multiple years)
- ASEH 2013 – Co-leader of conference field trip to Niagara Falls
- Political History Group (PHG-GHP) – co-organizer for two 2012 CHA panels
- Career Talk, Department of English graduate students, Carleton University (April 2012) – panelist
- Place and Placelessness 2011 – panel moderator: “Nature and Politics”
- EH+: Writing the Next Chapter of Canadian Environmental History Conference (April 2011) – participant
- “The State in Transition: Challenges for Canadian Federalism/ L’État en transition: Défis pour le fédéralisme canadien,” University of Ottawa conference (2008) – assistant organizer
- Pierre Savard HGSA Colloquium, Department of History, University of Ottawa (2007) – co-organizer
- Timlin Lecture, Department of Political Studies, University of Saskatchewan (2004) – co-organizer

Selected Professional Experience

- Expert Witness. Government of Canada, Department of Justice. Federal court case involving the St. Lawrence Seaway and Power Project. June 2015-February 2019. Pre-trial research and providing a written report; advising; appearing in court as an expert witness if necessary.
- Researcher. Historical Section, Department of Foreign Affairs and International Trade (DFAIT), Government of Canada. October 2010-March 2011. Conducting archival research at Library and Archives Canada for the *Documents on Canadian External Relations* (DCER) series for the years 1962-1963.
- Researcher. Professor Michael Behiels, Department of History University of Ottawa. June 2007-December 2007; October 2008. Research on the history of federalism, focusing on Quebec and the Canadian Charter of Rights and Freedoms. Assisting with the organization of a conference titled “The State in Transition: Challenges for Canadian Federalism/ L’État en transition: Défis pour le fédéralisme canadien” (October 2008).
- Researcher/Policy Analyst. Saskatchewan Institute for Public Policy (SIPP), University of Regina. October 2006-December 2006. Employed on the McCall Review (Government of Saskatchewan), conducting research and policy analysis using a variety of quantitative and qualitative methods on the accessibility and affordability of post-secondary education.
- Researcher/Documentary Filmmaker. Center for the Study of Co-operatives, University of Saskatchewan. May 2006-December 2006. Researching and conducting an extensive video documentary series on Saskatchewan’s co-operatives history.
- Research Assistant. Professor Emeritus John C. Courtney, Department of Political Studies, University of Saskatchewan. May 2002-December 2006. Policy interpretation and recommendation, internet research, formula research (proportionality index, Gini index), indexing, graphing & spreadsheet for: *Elections: The Canadian Democratic Audit* (UBC Press, 2004); research on Canadian electoral reform; various conference papers; conducted a year-long project on electoral reform opinions in Canadian newspapers.
- Research Assistant. Professor Emeritus David E. Smith, Department of Political Studies, University of Saskatchewan. August 2005-May 2006; October 2006-December 2006. Research, bibliography creation, and indexing for *The People’s House of Commons: Theories of Democracy in Contention* (University of Toronto Press, 2007); conducted research for *Federalism and the Constitution of Canada* (Toronto: University of Toronto Press, 2010).
- Writer/Historical Consultant. Partners in Motion Film and Video Production Company, Regina, SK. October 2005-April 2006. Developing, researching and writing a 13-episode historical documentary series titled “History Lab” for History Television Canada.
- Research Assistant. Professor Brett Fairbairn, Department of History, University of Saskatchewan. January 2006-April 2006. Conducting an extensive literature review for a SSHRC-funded study (Social Cohesion and Democracy) on democracy in non-governmental associations, with a focus on co-operatives, resulting in a 250-page report.
- Research Assistant. Professor Scott McLean, Extension Division, University of Saskatchewan. September 2004-June 2005. Conducting primary and secondary source research on the comparative histories of Alberta and Saskatchewan; writing and presenting research for a SSHRC-funded research grant on “A Historical Sociology of Continuing Education at the Universities of Alberta and Saskatchewan” which resulted in the publication of *Reaching out into the World: A History of Extension at the University of Saskatchewan, 1910-2007* (Saskatoon: University Extension Press, 2007).
- Researcher. Elections Canada, Government of Canada. May 2003-October 2003. Working independently and with Professor John C. Courtney conducting research on the Federal Electoral Boundary Redistribution Process and Report 2004, including calculating proportionality of constituencies using the Gini Index and researching the boundary commission process.
- Archivist. Diefenbaker Canada Centre, University of Saskatchewan. January 2001-May 2002. Assisting researchers, conducting historical research through a variety of methods, writing research papers, constructing finding aids, maintaining and cataloguing documents and books, preparing documents for micro-filming.

Digital Skills

- Geographic Information Systems (GIS) and digital mapping (e.g., ArcGIS, QGIS)
- Website design (e.g., Wordpress)
- Online editing
- Data-mining
- Digital textbook creation
- Basic HTML and programming
- THATcamp NCPH (April 2013) – participant

Languages

- Intermediate French. Various classes at the University of Saskatchewan and University of Ottawa
- Intermediate German. Various classes at the University of Saskatchewan; Intensive Language Program at Treffpunkt Sprachinstitut, Bamberg, Germany (2005)

