

Mike Shriberg

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<https://seas.umich.edu/research/faculty/mike-shriberg>

Professional Experience

- 2023 – **Professor of Practice & Engagement**
Present Director of Engagement, Cooperative Institute for Great Lakes Research (CIGLR)
Director of Engagement, Michigan Sea Grant (Interim Director: January – May 2023)
University of Michigan, School for Environment & Sustainability
- 2015 – **Great Lakes Regional Executive Director**
2023 National Wildlife Federation
- 2010 – **Education Director**, Graham Sustainability Institute
2015 Lecturer, Program in the Environment and Earth & Environmental Sciences (2009-2023)
University of Michigan
- 2007 – **Policy Director**
2010 Ecology Center
- 2004 – **Director** (2005-2007) | **Great Lakes Advocate** (2004-2005)
2007 Environment Michigan & Public Interest Research Group in Michigan
- 2002 – **Assistant Professor/Program Director**, Environmental Studies
2004 Interim Director, Rachel Carson Institute (2003/04)
Chatham University
- 1997 – **Co-Director of Sustainability Programs** (1998-2002) | **Environmental Coordinator** (1997/1998)
2002 University of Michigan Housing
- 1996 – **Project Manager**
1997 Toxics Targeting, Inc.

Education

- 2002 **Ph.D., Resource Policy & Behavior**, University of Michigan's School for Environment & Sustainability
Erb Environmental Management Institute Doctoral Fellow; U.S. EPA STAR Graduate Fellow
Dissertation: Sustainability in U.S. Higher Education: Organizational Factors Influencing Campus Environmental Performance and Leadership
- 1999 **M.S., Resource Policy & Behavior**, University of Michigan's School for Environment & Sustainability
Thesis: Development of a Sustainability Management Framework for the University of Michigan Housing Division
- 1997 **B.S. with Honors & Distinction**, Cornell University's College of Agriculture & Life Sciences
Major: Biology & Society | Minor: Environmental Studies & Business
Honors Thesis: The Ganges and Nitra River Basins: A Multi-Objective Cost-Efficiency Analysis/Comparison of Pollution Control Strategies for Watershed Planning, Policy, Management and Evaluation
- 2020 **Nonprofit Executive Leadership Certificate**, Northwestern University's Kellogg School of Management, The Allstate Foundation Nonprofit Executive Leadership Program

Teaching

University of Michigan

- SEAS 701 – 452: **Masters Project Theme Team: Great Lakes Water, Climate & Communities** (3x)
- ENVIRON/RCIDIV 391: **Sustainability & the Campus** (10x)
- EARTH/ENVIRON 344: **Sustainable & Fossil Energy: Options & Consequences** (9x)
- UC 227: **Planet Blue Ambassadors Training & Assessment** (7x)
- UC 427: **Sustainability Leadership Development** (3x)
- UC 327: **Systems Thinking for Sustainability** (2x)
- SEAS/LAW 741, 002: **Roadmap to Clean and Equitable Power in Michigan**
- Environ 139, 003: **Campus, Culture & Sustainability: Living on a Changed Planet**
- NRE 558: **Water Policy** (2x as Graduate Student Instructor)

Chatham University

- Introduction to Environmental Issues (2x)
- Global Environmental Challenges
- Environmental Issues in the Movies
- Environmental Solutions & Systems
- Ecological Economics
- Peru: Machu Picchu & the Amazon
- Greening the Ivory Tower: Campus Environmental Stewardship
- Greening Our Communities
- Steel Rails to Urban Trails: Environmental Issues in Pittsburgh (featured in *The Chronicle of Higher Education*)

Carnegie Mellon University

- Environmental Challenges and Solutions: Moving Toward Sustainability?

Publications (Peer-Reviewed)

[Team-Teaching as a Promising Pathway Toward Interdisciplinary Sustainability Competency Development](#)

Pollard, Jennifer R., J.O. Michel, A.C. Simon & **M. Shriberg**. *Sustainability* 15, 15 (2023): 1-19.

[Green Cities and Ivory Towers: How Do Higher Education Sustainability Initiatives Shape Millennials' Consumption Practices?](#)

Schoolman, Ethan, **M. Shriberg**, S. Schwimmer & M. Tysman. *Journal of Environmental Studies & Science* 6, no. 3 (2016): 490-502.

[Sustainability Leadership Programs in Higher Education: Alumni Outcomes and Impacts.](#)

MacDonald, Lindsey & **M. Shriberg**. *Journal of Environmental Studies and Sciences* 6 (2016): 360-370.

[The Ecology Center of Ann Arbor: Organizational Structure, Leadership and the Environmental Movement](#)

Shriberg, Michael & H. Bedeian. *Michigan Journal of Sustainability* 2 (2014).

[Sustainability Leadership Programs: Emerging Goals, Methods & Best Practices](#)

Shriberg, Michael & L. MacDonald. *Journal of Sustainability Education* 5 (2013): 1-21.

[Building Sustainability Change Management and Leadership Skills in Students: Lessons learned from 'Sustainability and the Campus' at the University of Michigan](#)

Shriberg, Michael & K. Harris. *Journal of Environmental Studies & Science* 2, no. 2 (2012): 154-164.

[Energy Conservation Framework: An Integrative Framework for Energy Conservation Planning, Policy and Planning](#)

Edelstein, Jack & **M. Shriberg**. *Sustainability: The Journal of Record* 4, no. 5 (2011): 245-250.

[Is the Maize and Blue Turning Green? Sustainability at the University of Michigan](#)

Shriberg, Michael. *International Journal of Sustainability in Higher Education* 4, no. 3 (2003): 263-276.

[Institutional Assessment Tools for Sustainability in Higher Education: Strengths, Weaknesses, and Implications for Practice and Theory](#)

Shriberg, Michael. *Higher Education Policy* 15, no. 2 (2002): 153-167.

[Toward Sustainable Management: The University of Michigan Housing Division's Approach](#)

Shriberg, Michael. *Journal of Cleaner Production* 10, no. 1 (2002): 41-45.

[Sustainability Management in Campus Housing: A Case Study at the University of Michigan](#)

Shriberg, Michael. *International Journal of Sustainability in Higher Education* 1, no. 2 (2000): 137-153.

[Ecology of Increasing Disease: Population growth and environmental degradation](#)

Pimentel, David, et al (**M. Shriberg**). *BioScience* 48, no. 10 (1998): 817-826.

Note: Served as North American Editor of the *International Journal of Sustainability in Higher Education* from 2002-2015.

Publications (Book Chapters)

[Advancing a Culture of Sustainability at the University of Michigan](#)

Callewaert, John, R.W. Marans & **M. Shriberg**. In *Implementing Campus Greening Initiatives: Approaches, Methods and Perspectives*. Leal, W. (Ed.). Peter Lang (2015): 165-181.

[Enhancing and Monitoring Sustainability Culture at the University of Michigan](#)

Marans, Robert, J. Callewaert & **M. Shriberg**. In *Transformative Approaches to Sustainability Development at Universities*. Leal, W. (Ed.). Springer (2015): 165-179.

[Higher Education Standards and Indicators](#)

Shriberg, Michael. In *Achieving Sustainability: Visions, Principles, and Practices*, Rowe, D. (ed.). Macmillan, Detroit (2014): 435-442.

[Driving Transformative Change by Empowering Student Sustainability Leaders at the University of Michigan](#)

Shriberg, Michael, A. Horning, K. Lund, J. Callewaert & D. Scavia. In *Sustainability in Higher Education: Stories and Strategies for Transformation*. Chase, G. and P. Barlett (eds.). MIT Press (2013): 117-127.

[Building Sustainability Leaders: A Framework to Thrive on Complexity and Lead Transformative Changes](#)

Shriberg, Michael. In *Sustainable Development at Universities: New Horizons*. Leal Filho, W. (Ed.). Peter Lang Scientific Publishers (2012): 19-28.

[Creating and Assessing a Campus Culture of Sustainability: The University of Michigan Experience](#)

Marans, Robert & **M. Shriberg**. In *Sustainable Development at Universities: New Horizons*. Leal Filho, W. (Ed.). Peter Lang Scientific Publishers (2012): 557-568.

[Sustainability Leadership as 21st Century Leadership](#)

Shriberg, Michael. In *Environmental Leadership: A Reference Handbook*. Gallagher, D. R. (ed.). Sage Reference (2012): 469-480.

[Leadership for Environmental Sustainability](#)

Shriberg, Michael. In *Practicing Leadership: Principles and Applications* (4th Edition). Shriberg, D. (ed.). John Wiley & Sons (2010): 240-262.

[How Transformational Leaders Shape Environmental Management](#)

Shriberg, Michael. In *Practicing Leadership: Principles and Applications* (3rd Edition). Shriberg, A. (ed.). John Wiley & Sons (2005): 245-63.

[Assessing Sustainability: Criteria, Tools and Implications](#)

Shriberg, Michael. In *Higher Education and the Challenge of Sustainability: Contestation, Critique, Practice, and Promise*. Wals, A and P. Concoran (eds.). Kluwer Publishers (2004): 71-88.

Publications (Sample of Others)

[Leadership for the Next Generation of Great Lakes Stewardship.](#) **Shriberg, M.** et al. *Journal of Great Lakes Research*: Volume 49, Issue 5, October 2023, Pages 1211-1213.

[Line 5 Rupture Would Devastate Great Lakes. Should Enbridge Pipeline Move Because of the Risk?](#) **Shriberg, Mike.** Commentary in *Detroit Free Press*: September 7, 2023.

[Michigan Pipeline Standoff Could Affect Water Protection and Indigenous Rights Across the U.S.](#) **Shriberg, Mike.** *The Conversation*: August 16, 2023.

[New Democratic Majority Should Focus on Great Lakes Protection, Restoration.](#) **Shriberg, Mike.** Commentary in *Detroit Free Press*: January 23, 2023.

[Biden Must Take Action on PFAS.](#) Wusterbarth, Cathy & **Mike Shriberg.** *The Progressive Magazine*: April 7, 2021.

[Five Lakes, Two Countries...and One Ecosystem.](#) Shriberg, Mike. National Wildlife Federation Blog: July 12, 2021.

[Cleveland Shows Why Healthy Waterways are Crucial.](#) Shriberg, Mike. Opinion in *Cleveland Plain Dealer*: February 28, 2021

[Biden Needs to Unify the Nation. He Should Start with the Great Lakes.](#) **Shriberg, Mike.** Commentary in *Detroit Free Press*: February 9, 2021

[President Biden, Protecting the Great Lakes can be a Bipartisan Issue.](#) **Shriberg, Mike.** Commentary in *Chicago Sun Times*: February 1, 2021.

[Can the Great Lakes Still be Great Unifiers?](#) **Shriberg, Mike.** National Wildlife Federation Blog: January 20, 2021.

[Confronting the “Forever Michigan”](#) **Shriberg, Mike.** National Wildlife Federation Blog: October 1, 2020.

[Whitmer’s Legacy Will Be Affected by Line 5: It’s Time for Her Decision.](#) **Shriberg, Mike.** Guest Commentary in *Bridge Michigan*: September 3, 2020.

[Will Governor Snyder undo Michigan Water Protections.](#) **Shriberg, Mike.** Opinion in *Traverse City Record-Eagle*: December 16, 2018

[Will the “Flint Governor” Also Under Water Protection.](#) **Shriberg, Mike.** Guest Commentary in *Bridge Michigan*: December 14, 2018.

[Forget Tunnel: Shut Down Line 5 Before Disaster Strikes.](#) **Shriberg, Mike.** Guest Commentary in *Detroit Free Press*: September 25, 2018

[Oil Spills Could Impact Over 700 Miles in the Great Lakes.](#) **Shriberg, Mike.** National Wildlife Federation Blog: April 1, 2016.

[Great Lakes Citizens Rally for Clean Energy for Wildlife, Not Risky Tar Sands.](#) **Shriberg, Mike.** National Wildlife Federation Blog: January 8, 2016.

[Risky Mackinac Pipeline Presents a Test for Michigan Leaders.](#) Wallace, B & **M. Shriberg.** Guest Opinion in *MLive*: September 23, 2015.

[University of Michigan's Sustainability Scholars Program: Empowering Leaders](#). **Shriberg, Mike**, S. Schwimmer & L. MacDonald. *Sustainability: The Journal of Record* 6, no. 5 (2013): 259-264

[Northwest Earth Institute's Discussion Guides Enhance Sustainability Education at University of Michigan](#). **Shriberg, Michael**. *Journal of Sustainability Education*: March 2011.

[Energizing Michigan's Economy: Creating Jobs & Reducing Pollution with Energy Efficiency and Renewable Electric Power](#). **Shriberg, Michael**, T. Madsen & T. Telleen-Walton. Environment Michigan Research & Policy Center: 2007

[Pure Michigan? Protecting One Million Acres of Our Natural Heritage](#). **Shriberg, Michael**. Environment Michigan: 2006.

Responding to Michigan's Energy Crisis: 5 Steps for Michigan's Leaders to Invest in a Smarter Energy Future. **Shriberg, Michael**. PIRGIM: 2006.

[Waterways at Risk: How Low-Impact Development Can Reduce Runoff Pollution in Michigan](#). **Shriberg, Michael** & T. Madsen. Public Interest Research Group In Michigan (PIRGIM): 2005.

[Sewage Warning! What the Public Doesn't Know about Sewage Dumping in the Great Lakes](#). **Shriberg, Michael**. State PIRGs: 2005.

Listen to 'Silent Spring': Rachel Carson's Legacy of Pesticide Precaution Lives on. **Shriberg, Michael**. *Pittsburgh Post Gazette*, April 14 (2004): A19.

"Organizing for Sustainability in Higher Education". **Shriberg, Michael**. *Proceedings of the Richard Alsina Fulton Conference on Sustainability and the Environment*. Wilson College (Chambersburg, PA): March 2004.

"Environmental Leadership in Higher Education". **Shriberg, Michael**. *Proceedings of North American Association for Environmental Education Annual Conference*. Anchorage, AK: October 2003.

[Beyond Principles: Implementing the Talloires Declaration on Campus](#). **Shriberg, Michael** and H. Tallent. *Greening the Campus V: Connecting to Place*. Ball State University (Muncie, Indiana): September 18-20, 2003: 124-130.

[Talloires in Action: Creating Leaders and Laggards in the U.S.](#) **Shriberg, Michael**. *The Declaration: Association of University Leaders for a Sustainable Future* 6, no. 1 (2002): 13-17.

"Creating Organizational Change for Sustainability: Lessons from the Student-led 'Sustainable University of Michigan Initiative'". **Shriberg, Michael**. *Proceedings of Greening the Campus IV: Moving to the Mainstream*. Ball State University (Muncie, Indiana): September 20-22, 2001: 332-336.

[A Housing Challenge at the University of Michigan](#). **Shriberg, Michael**. *The Declaration: Association of University Leaders for a Sustainable Future* 3, no. 3 (2000): 4-7.

[Sustainability Management Assessment of University of Michigan Housing and Housing Facilities](#). **Shriberg, Michael**. *Science To Achieve Results (STAR) Graduate Fellowship Conference Abstracts* (EPA/600/R-99/046). Environmental Protection Agency STAR Conference (Arlington, VA), July 17-20, 1999: 234.

"Assessing Management for Sustainability in the University of Michigan Housing Division: Phase I". **Shriberg, Michael**. *The Talking Stick* 17, no. 3 (1999): 13-16.

Related Service (Sample of)

Steering Committee/Co-Chair (Beginning January 2022): Water@Michigan Initiative	<i>Sep. 2017 - Present</i>
Board Member: Ann Arbor Hands On Museum & Leslie Science and Nature Center	<i>January 2021 – Present</i>
Board/Executive Committee Member: Jewish Community Center of Greater Ann Arbor	<i>June 2022 - Present</i>
Co-Chair (former) and Founding Member: Ann Arbor Climate Partnership	<i>January 2014 - Present</i>
Reviewer: <i>Journal of Great Lakes Research</i>	<i>September 2023-Present</i>
Search Committee: Faculty Search in Environmental Policy & Planning	<i>Nov. 2023 - Present</i>
Review Committee: Program in the Environment (PitE) Lecturer	<i>Fall 2023</i>
Trustee: Great Lakes Fisheries Trust	<i>March 2015 – Jan. 2023</i>
Founding Board Member: Give Back Great Lakes	<i>Feb. 2022 – Jan. 2023</i>
Council of Fellows Member: Center for Integrated Great Lakes Research (CIGLR)	<i>Sept. 2021 – Dec. 2022</i>
Advisory Board Member: Wayne State University One Health Initiative	<i>April 2021 – Dec. 2022</i>
Commissioner: City of Ann Arbor Energy Commission	<i>Dec. 2010-May 2021</i>
Board Member: Environment Michigan Research & Policy Center (Chair from 2010-2013)	<i>May 2006 – May 2021</i>
Gubernatorial Appointee: Michigan Pipeline Safety Advisory Board	<i>Nov. 2015-Dec. 2018</i>
Committee Member: U of Michigan’s Program in the Environment (PitE) Advisory Cmte	<i>Sep. 2010 –Apr. 2014</i>
Committee Member: Association for the Advancement of Sustainability in Higher Education’s (AASHE) Education & Professional Development Committee	<i>Jan. 2013 – April 2014</i>
North American Editor: <i>International Journal of Sustainability in Higher Education</i>	<i>Oct. 2002-April 2014</i>
Board Member: Michigan Student Sustainability Coalition	<i>July 2013- July 2014</i>
Member: City of Ann Arbor Climate Action Plan Task Force	<i>Sept. 2011-June 2013</i>
Council Member: Michigan Natural Resources & Environment Advisory Council	<i>Sept. 2007-Dec. 2010</i>
President of Board: Environment Ohio Research & Policy Center	<i>June 2007-July 2012</i>
Board Member: Public Interest Research Group In Michigan (PIRGIM)	<i>May 2007 – July 2012</i>
Board Member: Michigan Environmental Council	<i>Jan. 2005-June 2009</i>
Board Member/Education Committee Chair: Rachel Carson Homestead Association	<i>July 2003- Aug. 2006</i>
Committee Member: USEPA College and University Performance Measurement Group	<i>Dec 2003 -Aug. 2004</i>
Advisory Board: Higher Education Network for Sustainability & Environment	<i>Sep. 2001- Aug. 2004</i>
Committee Chair: Environmental Program Review Committee at Chatham College	<i>Sep. 2002-Aug. 2004</i>
Co-Founder/President: The Sustainable University of Michigan Initiative	<i>Jan. 1999-Aug. 2002</i>
Student Representative: U-M School of Natural Resources and Environment’s Exec Cmte	<i>Sep. 1999-Aug. 2000</i>

Awards, Fellowships & Honors (Sample of)

Jack Bails Award for Service , Great Lakes Fisheries Trust	2023
Research Award , Association for the Advancement of Sustainability in Higher Education	2017
Faculty Fellow , Camp Michigania, University of Michigan Alumni Association	Aug. 2011, Aug. 2014
Michigan Road Scholar , University of Michigan	May 2011
Pre-Doctoral Fellow , University of Michigan Rackham Graduate School	Sep. 2001 – Aug. 2002
Doctoral Fellow , Erb Environmental Management Institute	Sep. 2000 – Aug. 2001
Research Fellow , University Leaders for a Sustainable Future (ULSF)	May 2001– Dec. 2001
Graduate Fellow , EPA Science To Achieve Results (STAR)	Sep. 1998- Aug. 2000
Merit Award Recipient , University of Mich. School of Natural Resources & Environment	Jan. 1998-April 1999

Academic Advising

Masters' Project Advised

- Great Lakes Marine Protected Areas: Designating & Managing for Success (2022-24)
- Accelerating Watershed Conservation Planning & Implementation in Michigan's Stony Creek Subwatershed: A Bottom-Up Approach to Reducing Phosphorus Loading Into Lake Erie (2022-24)
- Identifying Sources of Nonpoint Source Pollution & Public Perceptions in the Black Lake Watershed (2022-24)
- Media with Impact: Building a Community-Drive Model for Drinking Water News Coverage in the Great Lakes Basin (2022-24)

Invited Presentations, Testimony & Media Appearances

- Invited presenter at dozens of conferences and workshops, including providing a keynote or plenary at the Rio Plus 20 Higher Education Summit (2012) and multiple Healing Our Waters – Great Lakes Restoration conferences
- Testified before U.S. Senate Commerce, Science & Transportation Subcommittee on Surface Transportation and Merchant Marine Infrastructure, Safety and Security and several Michigan State Legislature Committees
- Quoted in over 300 articles on topics ranging from water policy to climate change to environmental justice to environmental health, including in *The New York Times* and *Washington Post*.
- Primary author of over 25 Op-Eds appearing in papers ranging from the *Detroit Free Press* to *The Cincinnati Enquirer*
- Appeared in over 100 TV and/or radio interviews, including in-depth stories on Public Radio, CNN, Michigan Radio and multiple documentaries