

Glenn McRae

UVM Transportation Research Center, Farrell Hall, 210 Colchester Ave. Burlington, VT 05405
Phone: 802-656-1317 Email: glenn.mcrac@uvm.edu

Educational Background:

Ph.D. Anthropology – 2001 The Union Institute & University, Cincinnati, Ohio
M.A. Social Ecology – 1980 Goddard College, Plainfield, Vermont
B.A. Anthropology - 1977 Potsdam College (SUNY), Potsdam, New York

Academic History

2011-present Graduate Program Coordinator, University of Vermont
Transportation Research Center; Certificate of Graduate Studies in
Sustainable Transportation Systems and Planning; oversight of graduate
research assistantships across multiple colleges.
2003-present Graduate Faculty Member, University of Vermont
Adjunct Faculty, Master of Public Administration Program, Department
of Community Development and Applied Economics.
2008 Interim Director, Master of Public Administration Program, UVM
1996- 2009 Instructor, Nonprofit Certificate Program
Prevel Graduate School, St. Michael's College, Vermont.
1997- 2002 Adjunct Faculty, Anthropology, University of Vermont
1997- 2001 Instructor, Anthropology, Community College of Vermont

Policy & Leadership History

2011- present Associate Director & Outreach Manager, UVM Transportation Research
Center. P.I. for Regional Surface Transportation Workforce Center
(FHWA, \$1M); Transportation Education Development Pilot Program
(FHWA, \$1M); P.I University Transportation Center Core Education and
Center Grants, Vermont Agency of Transportation Cooperative
Agreement; New England Transportation Consortium, US Dept. of
Energy Vermont Clean Cities Coalition.
2008-2010 Executive Director, The Intervale Center
2003-2008 Director of Public Policy Development, The Snelling Center for
Government
1991-1992 Executive Director, Vermont Businesses for Social Responsibility
1988-1991 Executive Director, Association of Vermont Recyclers
1988 – 2001 Nonprofit Management & Leadership Program Consultant, Vermont
Community Foundation

Consultancies

- 2013-2014 U.S.A.I.D, Rwanda Family Health Program, Environmental Management Assessment program development and training
- 2011 Vermont Works for Women, Social Enterprise Development.
- 2004- 2013 United Nations Development Program, Implementation of a seven-nation model program to reduce emissions of mercury and dioxins from health care institutions. (GEF Funding). <http://www.gefmedwaste.org/>
- 2002-2003 World Health Organization, Consultant for establishment of an international program on health care waste management
- 2000-2001 World Bank Group, Environmental Section and Quality Assessment & Compliance Unit, Washington, D.C. Developed environmental guidelines for health projects.
- 1997-2002 Health Care Without Harm International, Washington, D.C. Fieldwork on healthcare waste management in ten countries including India, Thailand, Philippines, South Africa & Cuba.
- 1996-2001 The A.D. Henderson Foundation, Ft. Lauderdale, FL Design infrastructure of nonprofit capacity building efforts.
- 1991-2005 CGH Environmental Strategies, Inc. Partner in a national consulting group serving state agencies, hospital associations, NGOs and private industry with pollution prevention services. Conducted state programs in OH, ME, VT, NJ.
- 1988-2002 Vermont Community Foundation, Middlebury, Vermont Special consultancies on nonprofit sector programs and issues, including leadership and management training.

Public Engagement Processes Organized

- Green Economy (2008) – Developed a comprehensive and consensus based approach to advance state strategies for growing environmental enterprises and green business practices as a significant contributor to the Vermont economy.
- Vermont as an E-State (2008) – Opened up a public community dialogue on how communities may best take advantage of increasing connectivity provided by ubiquitous broadband and cell coverage.
- Burlington Livable Communities Project (2006-2008) – In partnership with AARP-VT, developed engagement strategy for the age 50+ population of Burlington Vermont to identify and advocate for community changes to advance community design and infrastructure for an age-friendly city.
- Commission on the Future of Economic Development in Vermont (2007-2008) – Under contract to the Vermont State Legislature, created a productive dialogue for stakeholders and the public to examine the economic future of the state, contributing to the work of this legislatively created commission, charged with developing the state’s strategic economic development plan and corresponding metrics.
- Health Care Reform (2005) – Developed and implemented a statewide public engagement process for the Vermont state legislature on key principles to guide health care reform initiatives and collect information and public viewpoints on strategic priorities.

Professional Publications (selections):

Vallett, C., McRae, G., & McCutcheon-Schour, M. (2014). Bringing Developmental Evaluation Practices and Principles to the Transportation Education Development Pilot Program at the University of Vermont. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2424, *Transportation Research Board of the National Academies, Washington, D.C., 2014, pp.63-68.*

LeBlanc, J. R., Conner, D., McRae, G., & Darby, H. (2014). [Building resilience in nonprofit food hubs.](#) *Journal of Agriculture, Food Systems, and Community Development.* Advance online publication.

Council of University Transportation Centers (2012) **National Transportation Workforce Summit Summary of Results: *Framework for Action.*** Report on the April 24-26, 2012 Summit in Washington DC. Contributor.

Shaner-McRae, H., McRae, G., Jas, V. (May 31, 2007) “**Environmentally Safe Health Care Agencies: Nursing’s Responsibility, Nightingale’s Legacy.**” *OJIN: The Online Journal of Issues in Nursing.* Vol. #12 No. #2, Manuscript 1. Available: http://www.nursingworld.org/ojin/topic33/tpc33_1.htm

In the Way of Development: Indigenous Peoples, Life Projects and Globalization. Co-editor with Mario Blaser and Harvey A. Feit. Personal contribution: *Grassroots Transnationalism: Life Projects of Vermonters in the Great Whale Campaign.* (Zed Books, 2004).

Environmentally Responsible Management of Health Care Waste with a Focus on Immunization Waste (October 2002). Co-author with Jorge Emmanuel, Ph.D., CHMM and Firuzeh Mahmoudi, MSES, MPA. Published by Health Care Without Harm (Washington, D.C.) and presented at the 2002 meetings of the Safe Injection Global Network (WHO) in Phnom Penh, Cambodia.

Ph.D. Dissertation: ***Protest Journeys: Vermont encounters in a campaign of translocal solidarity with the James Bay Crees.*** (May 2001). *The Union Institute Graduate College. Interdisciplinary Arts and Sciences. Cincinnati, Ohio.*

Clinical Waste in Developing Countries: An Analysis with a case study of India, and a Critique of the Basel - Technical Working Group Guidelines (April 1999). Co-author with Ravi Agarwal. Published and presented at Basel Convention Technical Working Group meetings, Geneva, Switzerland, April 1999. Basel Action Network (BAN) Secretariat, c/o Asia-Pacific Environmental Exchange, 1827 39th Ave., E. Seattle, WA 98112, USA.

Recommendations for Health Care Waste Management (December 1997).

A working paper produced for Health Care Without Harm International (Multinationals Resource Center, P.O. Box 19405, Washington, DC 20036 USA). Distributed through NGO and Governmental agencies. Current translations in French, Spanish, and Haitian Creole.

Managing in a Merger: Combining Waste Systems in Health Care Facilities. (October 1995), American Hospital Association, Chicago, IL. Co-author: Hollie Shaner. Technical Paper.

Guidebook for Hospital Waste Reduction Planning and Program Implementation (December 1995), American Hospital Association, Chicago, IL. Co-author: Hollie Shaner.

An Ounce of Prevention: Waste Reduction Strategies for Health Care Facilities. (1993), American Hospital Association, Chicago, IL). Co-authors: Hollie Shaner and Connie Leach-Bisson. Manual for hospitals.

Research Reports

[Northwest Region Transportation Job Needs and Priorities Report.](#) Prepared by the Northeast Transportation Workforce Center team lead by Glenn McRae. FHWA funded Center grant. Phase I-December 2015.

[Transportation Education Demonstration Pilot Program, 2008-2013 Summary Report.](#) Prepared by Glenn McRae. TEDPP Final Report to FHWA (Grant No. DTFH61-08-G-00007). July 2013.

[Transportation Education Demonstration Pilot Program.](#) Final UTC Report prepared by Glenn McRae. June 2012. UVM TRC Report #12-013.

Future Surface Transportation Financing Options: Challenges and Opportunities for Rural States. Prepared by: Karen Glitman, Glenn McRae & Jennifer Kenyan for the UVM Transportation Research Center & The Snelling Center for Government (December 8, 2008).

The Green Economy and Environmental Enterprises in Vermont: Opportunities for the 21st Century. Produced for the Greater Burlington Industrial Corporation (March 2008). The Snelling Center for Government.

The Burlington Livable City Project Action Plan: A Great City for Older Adults. Produced for AARP Vermont. (May 2007). The Snelling Center for Government.

Health Care Reform in Vermont: Hard Choices for Transformative Change: Coalition 21—An overview of its work and perspectives of members on what lies ahead, 2007 and Beyond. (March 2007). The Snelling Center for Government.

Report to the Secretary of the Vermont Agency of Natural Resources on stakeholder values and visions for the future of the Agency. As part of the Agency's "ReThinking" process. (March 15, 2006). With Julie Roberts and Stephanie DeLano, The Snelling Center for Government.

Vermonters Working Together and Speaking Out on Health Care Reform: A report from a public engagement process on behalf of the Vermont Legislature, Fall 2005. A Guide to continuing the conversation so that citizens and stakeholders stay constructively engaged in the future. (February 2006) With Jan Eastman and Heidi Klein, The Snelling Center for Government.

Health Care Reform 2005: A Process of Public Engagement by the Joint Committee on Health Care of the Vermont Legislature, Organized and facilitated by the Snelling Center for Government (December 15, 2005). With Jan Eastman, The Snelling Center for Government.

Future directions for the Vermont Clean Vehicle Coalition and Organized partnership work on clean transportation in Vermont, under contract to the Vermont Department of Public Service Energy Efficiency Division. (December 1, 2005) With Connie Leach, The Snelling Center for Government.

Compensating Government Officials in Vermont: A Report to the Legislature. Fulfilling the Requirements of 32 VSA Section 316 (January 15, 2004). With Jan Eastman and Josh Henkin, The Snelling Center for Government.

Representative Presentations at Professional Meetings:

Climate Change: Challenges for the Transportation Maintenance and Operations Workforce. Transportation Research Board Annual Meeting. Washington DC, January 2016.

Development of a Regional Workforce Needs Profile: Results and Guidance from the Northeast and Southwest Regional Transportation Workforce Centers. Transportation Research Board Annual Meeting. Washington DC, January 2016.

Stakeholder Input for New Regional Surface Transportation Workforce Centers. Transportation Research Board Annual Meeting. Washington DC, January 2015.

Advancing the National Transportation Workforce Summit Framework for Action. Transportation Research Board Annual Meeting. Washington, DC, January 2013.

Results of the National Transportation Workforce Summit: A Framework for Action on the state level. The National Transportation Training Directors annual meeting. Seattle, October 2012.

Sustainable Hospitals and the development of a safe and efficient system of health care waste reduction and management. Commission Federal para la Proteccion contra Riesgos Sanitarios, Direccion General de Salud Amiental. Mexico City, February 2002.

Pilgrims of Place: Environmentalism meets Indigenism. American Anthropological Association Meetings, Washington, D.C. December 2001.

Guidelines for Developing National Systems for Health Care Waste Management. Caribbean Medical Association, Havana, Cuba. April 2001. Invited guest of the Instituto Nacional De Higiene, Epidemiologia Y Microbiologia.

The social significance of looking in the trash: Attitudes of disease, health and organizational culture. American Anthropological Association Annual Meetings, San Francisco, CA, November 2000.

“Fighting the Distant Battle: Vermont Solidarity and Activism with Indigenous Struggles.” Society for Applied Anthropology Annual Meetings, Tucson, Arizona, April 21-25, 1999.

Courses Designed and Taught

- Public Administration MPA Capstone Course (UVM-graduate)
- Introduction to Public Policy (UVM-graduate)
- Public Policy Analysis (UVM – graduate)
- Public Policy Implementation (UVM – graduate)
- Nonprofit Administration (UVM – graduate)
- Introduction to Anthropology (UVM)
- Cultural Anthropology (CCV)
- Native Peoples of North America (CCV)
- Trashed: The Anthropology of Waste (UVM)
- Social & Environmental Justice (St. Michael’s College)
- James Bay Field Course: Cree Culture in Transition (UVM)
- The Nonprofit Organization & Issues in Nonprofit Management (St. Michael’s College – graduate)

