

Richard Musto - CURRICULUM VITAE: April 2018

I. BIOGRAPHICAL DATA

Name:	Richard Musto, MD, FRCPC
Address	71 Arbour Vista Way NW
Telephone	403-239-1621
Present rank	Clinical Professor
Department	Community Health Sciences
Faculty	Cumming School of Medicine
Institution	University of Calgary

II. ACADEMIC RECORD

Final degree	MD
Date completed	1978
Specialty	Public Health & Preventative Medicine
Institution/City/Country	University of Western Ontario

i. Undergraduate University of Western Ontario, 1972 - 74

ii. Special professional

iii. Graduate and post-doctoral

- Family Medicine, University of Calgary 1978-80
- Community Medicine University of Calgary 1983 -85

iv. Licensure, certification and boards (e.g. FRCPC)

- College of Physicians and Surgeons of Alberta 1980 – 1985; 1988 – 2016
- College of Physicians and Surgeons of Manitoba, 1985 – 1988
- College of Family Physicians of Canada, 1980
- Royal College of Physicians and Surgeons of Canada, 1987-2018

III. AWARDS AND DISTINCTIONS

Ontario Scholar, 1972
Associate Dean's Letter of Excellence in Teaching – Population Health Course, 2014
Lynn McIntyre Award for Outstanding Services, O'Brien Institute for Public Health, 2016
Cumming School of Medicine Career Award for Contributions to Education, 2017

IV. ACADEMIC APPOINTMENTS

- Clinical Professor, Department of Community Health Sciences, Faculty of Medicine, University of Calgary, July, 2015 – present.
- Clinical Associate Professor, Department of Community Health Sciences, Faculty of Medicine, University of Calgary, 2000 – 2015.

- Clinical Assistant Professor, Department of Community Health Sciences, Faculty of Medicine, University of Calgary, 1988 - 1999
- Lecturer, Faculty of Medicine, University of Manitoba, 1987

V. EDUCATIONAL ACTIVITIES

- Undergraduate
 - Preceptor – Community Correlations, Small Group Sessions – 2015-2017
 - Preceptor, MDCH, 680, Foundations of Population and Public Health, 2015
 - Preceptor, Health of Populations Small Group Sessions, Determinants of Health 2007 – 2017
 - Preceptor, Culture and Health course 2004 – 2007
 - Preceptor, Well Patient Healthy Community course 2003, 2007
 - Lecturer, Principles of Medicine Course, 2000
 - Faculty Advisor, 1993 - 1996, 2007- 2008, 2014-16
- Graduate (course and student supervision)
 - Director, Community Medicine Residency Training Program, 1990 – 2002
 - Member, Residency Training Committee, 2002 – 2006
 - PhD Supervisory Committee - Emmanuel Ngwakongnwi, 2008-present
 - PhD Supervisory Committee - Katie Chaput, 2007 - present
 - MSc External Examiner - A. Heise, 2006
 - MSc External Examiner - Gwen Moncayo, 2003
 - Lecturer, MDSC 647.01 Fundamentals of Epidemiology, 2003
 - PhD Supervisory Committee - G. McKean, 1997 - 2001
 - MSc Practicum Supervisory Committee - L. Kowalski, 1994
 - Course co-chair, MDSC 647.13 Health of Canadian Aboriginal Peoples, 1990, 1992, 1994, 1998, 2002
 - Introduction to Population and Public Health Module, University of Calgary-CHUAS MPH Program 2010 – 2015
 - Msc External Examiner – J. Invik, 2015
 - PhD External Examiner – M. North, 2015
 - Lecturer, MDSC 680 Foundations of Population and Public Health, 2015-16
 - Msc Supervisory Committee – Jong Kim, 2016-7
 - Msc Supervisory Committee – Katrina Fundytus, 2016-18
 - Lecturer, MDSC 6666 Health Policy, 2017-18
- Continuing medical education
 - Division of Infectious Diseases Rounds, Ebola and AHS Response, November 2014

VI. ADMINISTRATIVE RESPONSIBILITIES

- Departmental
 - Population Health Intervention Research Centre Advisory Committee 2009
- Faculty
 - Member, Community Health Sciences Search and Selection Committee, 2013 – 14
 - Co-Director, Institute of Public Health, 2008 - 2009
 - Executive Committee, O'Brien Institute for Public Health 2010 – 2016
 - Member, Policy Advisory Committee, O'Brien Institute for Public Health 2016
 - O'Brien Institute Health Policy Centre Advisory Group 2017

Alberta Health and Wellness

- Acting Chief Medical Officer of Health, January – March 2009
- Acting Deputy Chief Medical Officer of Health, August 2008 – January 2009

Alberta Health Services

- Calgary Zone Lead, Medical Officer of Health, 2009 – 2016
- Interim Senior Medical Director, Aboriginal Health Strategic Clinical Network, 2016
- Acting Chair, Zone Medical Advisory Committee – 2010 - 2011
- Alberta Breast Cancer Screening Advisory Committee 2010 – 2016

Calgary Health Region

- Vice President, Public Health, and Medical Officer of Health, 2008 - 2009
- Executive Medical Director, Southeast Community Portfolio, 2003 – 2007
- Medical Director, Healthy Communities Portfolio, 1999 – 2003
- Deputy Medical Officer of Health, 1999 – 2007

Calgary Regional Health Authority

- Senior Regional Officer, Health Promotion/Population Health, 1997 – 1999
- Deputy Medical Officer of Health, 1995 – 1999

Calgary Health Services

- Senior Operating Officer, 1995 – 1997
- Acting Associate Medical Officer of Health, June – Sep 1985

Health Canada

- Regional Community Medicine Consultant, Alberta Region, Medical Services Branch, Calgary, AB, 1988 -1995
- Zone Medical Officer, Medical Services Branch, Health and Welfare Canada,

Winnipeg, MB, 1985 - 1988

VII. **PROFESSIONAL ACTIVITIES**

i. Membership in professional and learned societies.

Canadian Public Health Association
Alberta Public Health Association
Calgary and Area Medical Staff Association
Calgary Catholic Medical Association
Alberta Medical Association
Canadian Medical Association
Public Health Physicians of Canada
Urban Public Health Network
Western Canada Public Health Network

ii. Professional service

- grant panels

- Alberta Heritage Fund for Medical Research, Alberta Health Collaboration Advisory Committee
- Rick Hansen Institute Neurotrauma Initiative Prevention Review Panel
- Merit Review Panel, Michael Smith Foundation for Health Research, British Columbia
- Review Panel, Saskatchewan Health Research Foundation
- CIHR Knowledge Synthesis Review Panel 2013, 2014, 2015
- CIHR Applied Chair Reproductive Child Health & Youth Services, 2012

- grant reviews

- O'Brien Institute for Public Health Internal Peer Review - 2011 - 2018

- journal reviews

- Vaccine
- Canadian Journal for Public Health (2)

- editorships

- Apple Magazine

- other

- Chair, Royal College Specialty Committee in Community Medicine, 1996-2002
- Surveyor, Royal College of Physicians and Surgeons of Canada

- CIHR Community-based Working Group 2011
- Primary Health Care Strategic Clinical Network Research Advisory Committee, 2016
- Alberta SPOR PIHCIN
- Mamma na Mtoto global health partnership, University of Calgary and Catholic University of Health and Allied Sciences, Tanzania; Health Services Strengthening Technical Team, 2016- present
- Canadian Public Health Association Board Member and Chair-Elect, 2017-18
- International Play Association 2017 – planning committee and abstract review

VIII. RESEARCH SUPPORT

Co-Applicant, Social determinants of post-discharge readmissions, emergency department visits, and mortality in medical inpatients, Canadian Institute of Health Research - \$142,500, 2016 - 2019

Co-investigator, Coordinated Care Team for Vulnerable Patients with Complex Needs, Alberta Innovates – Health Solutions - \$1,800,000, 2016 - 2019

Co-investigator, Innovating Indigenous Primary Care in Alberta: Moving the Agenda Forward, Canadian Institute of Health Research - \$12,000, 2015-2016.

Principal Knowledge User, Scoping Review of Food Insecurity in the Healthcare Setting. Canadian Institute of Health Research - \$50,000. 2013 - 2014

Co-investigator, Factors Associated with Human Papillomavirus (HPV) Immunization in Calgary, 2008-2011.

Co-investigator, Assessment of survey sampling methodologies for studying hard to reach populations: Minority Francophones in Calgary. Canadian Institutes of Health Research - \$50,000. 2009-2010

Co-Investigator, Assessment of Health Status and Health Service Utilization by Francophone Minority Communities in Calgary. Canadian Institutes of Health Research - \$50,000. 2008-2009.

Principal Decision-Maker, Evaluating the Impacts of Public Engagement in Health Systems. Canadian Institute for Health Information – \$148,000. 2008-2010.

Co-Investigator, The Healing Journey: A Longitudinal Study of Aboriginal Women Affected by Intimate Partner Violence. Health Research Fund, Alberta Heritage Foundation for Medical Research - \$99,230, 2006 - 2008

Co-Investigator, CIHR Operating Grant – Integrating and maintaining domestic violence screening protocols in emergent care settings - \$226,550, 2004 - 2007

Co-investigator, Complementary and alternative therapy use in Chinese Canadians. Health Research Grant, Alberta Heritage for Medical Research, 2003-2005

Co-Investigator, Development of Methodology for Aboriginal Health Status, Service Utilization and Demographic Study. The University of Calgary, Centre for Health and Policy Studies Fund

Co-Investigator, Assessing and Reducing Disparities Among Aboriginal and Non-Aboriginal People: a Capabilities Approach. Canadian Institute for Health Information, Reducing Health Disparities and Promoting Equity \$92,846. 2003 - 2004

IX. INVITED ADDRESSES

Injury Prevention in First Nations. Native Physicians Association in Canada. Third Annual Conference, Calgary AB. 1994

Towards Health Equity: further discussion about roles and opportunities in Alberta. CHS-IPH Seminar May 24, 2013

Advocacy in HPV Vaccination, Western Canada Immunization Forum, Edmonton, 2014

Where are the resources to "move upstream" in Public Health work? NCCDH Webinar, November 6, 2014

Ebola. Presentation to Global Health, Ebola Awareness Night, University of Calgary, November 20, 2014.

Getting our Shift Together: Health, Education and Poverty. Making Shift Happen Conference, April 20, 2012

Reorienting Health Services – Alberta Advisory Council on Cancer, 2012

CIHR Institute of Aboriginal Peoples Health – Alberta Perspectives, 2011

Healthy Public Policy – Say's Who? Awakening Hope for Community: A Catholic Approach to Public Health, Calgary 2010

Pandemic Influenza Planning and Surgical Facilities, College of Physicians and Surgeons of Alberta, Non-Surgical Facility Symposium, 2008, Calgary AB

Management of Physician Resources, Continuing Care Colloquium, 2006, Calgary AB

Alberta Centre for Injury Control and Research progress report, 1999 Trauma Update, Calgary AB

Injury prevention in First Nations.. Native Physicians Association in Canada. Third Annual Conference, Calgary, AB, 1994.

X. PUBLICATIONS/PRESENTATIONS

i. Peer reviewed manuscripts

Chaput, K., Nettel-Aguirre, A., Musto, R., Adair, C.E., Tough, S. Breastfeeding difficulties, supports and postpartum depression risk in a Canadian birth cohort. In Press: CMAJ Open

Chaput, K., Adair, C., Nettel-Aguirre, A., Musto, R, Tough, S. A qualitative inquiry of the experience of nursing women with breastfeeding support in the context of a mixed-methods study on breastfeeding difficulties and postpartum depression. CMAJ Open, 2015; 3 (3), E305-E309

Kiplagat A, Musto R, Mwizamholya D, Morona D. Factors influencing the implementation of integrated management of childhood illness (IMCI) by healthcare workers at public health centres and dispensaries in Mwanza, Tanzania. BMC Public Health. 2014; 14:277

Musto R., Siever E.J., Johnston C.J., Seidel J, Rose S.M., McNeil A.D., Social Equity in Human Papillomavirus vaccination: a natural experiment in Calgary Canada. BMC Public Health. 2013; 13:640

Ben J. Wilson, Richard J. Musto, William A. Ghali. A Case of Histamine Fish Poisoning in a Young Atopic Woman. Journal of General Internal Medicine. 2012; 10.1007/s11606-012-1996-6

Mema SC, McIntyre L, Musto R. Childhood Vision Screening in Canada: Public Health Evidence and Practice. Canadian Journal of Public Health. 2012; 103(1):40-45

Mema SC, MacDonald J, Wyse JPH, Gonders J, Musto R, McIntyre, L. Public health adds value to an investigation of epidemic keratonconjunctivitis. Canadian Journal of Ophthalmology. 2010; 45:1.

Ngwankongnwi E, Quan H, Musto R, Hemmelgarn B, King MK. Understanding Well-being and Healthcare Access in Francophone Minority Communities in Calgary. *Research Capsule i: In Current Research Compendium on Francophone Immigration in Canada.* March 2010.

Quan H, Lai D, Johnson D, Verhoef M, and Musto R. Complementary and

alternative medicine use among Chinese and white Canadians. *Canadian Family Physician*. 2008; 54:1563-1569.

Quan H, Fong A, De Coster C, Wang J, Musto R, Noseworthy T, and Ghali W. Variation in health services utilization among Ethnic Populations. *Canadian Medical Association Journal*, 2006; 174: 787-791.

Kashuba S, Flowerdew G, Kesell PA, Saunders LD, Jarvis G, Laing L, Hazlett CB, and Musto R. Acute care hospital morbidity in the Blood Indian Band, 1984-87. *Canadian Journal of Public Health*. 1994; 85(5):317-321.

Musto RJ. Indian reserves: Canada's developing nations. *Canadian Family Physician*. 1990; 36:105-116.

Musto RJ. Fluoridation: why is it not more widely adopted? *Canadian Medical Association Journal*. 1987; 137:705-8.

Musto RJ. Alcohol and the fetus, a reasoned approach. *Canadian Family Physician*. 1986; 32(1):125-9.

Musto RJ. Cost-effectiveness analysis of endocervical culture for *N. gonorrhoeae* at routine pelvic examination. *Canadian Journal of Public Health*. 1986; 77(1):33-6

Musto RJ, Roach MR. Flow studies in glass models of aortic aneurysms. *Canadian Journal of Surgery*. 1980; 23(5):452-5.

ii. Presentations

Musto R, Siever J, Johnston JC, Seidel j, Rose Ms, McNeil DA. Social equity in Human Papillomavirus (HPV) vaccination: A natural experiment. *Canadian Public Health Conference 2013*

Wilson GJ, Musto R, Ghali W. Histamine Fish Toxicity Following a Tuna Sandwich. *Society of General Internal Medicine Annual Meeting, May 2011*

Mema SC, MacDonald J, Wyse JPH, Gonders T, Musto R, McIntyre L. Public Health Outbreak Investigation and Hospital Infection Prevention and Control, Exploring Complementarity. Poster Presentation. *Canadian Association of Public Health Centennial Conference. Toronto, Ontario June 13 – 26, 2010.*

Is there a role for public health in the Canada Health Act? With G. Hansen, *Canadian Public Health Association Annual Conference, Edmonton AB, 1994*

Promoting health through public policy – a Canadian perspective. With G. Hansen, *Rural Health Today and Tomorrow, Coeur d'Alene, Idaho, 1989*

iii. Non-peer reviewed manuscripts

Musto R, Eshkakogan N, Racism and Indigenous Peoples in Health Care. July 2016. In Vital Signs (pp 10 -11). Calgary & Area Medical Staff Society

iv. Conference proceedings

Musto RJ. Childhood injury prevention. In Proceedings of the Canadian Paediatric Society 69th Annual Meeting. Ottawa, 1992. Rodar Publishing. Baie d'Urfe, Quebec. p. 2-3

Musto RJ, Boulanger M. Aboriginal children: issues for prevention. In Childhood Injury Prevention: Working Together for a Safer World: Proceedings. Ottawa, 1991. Canadian Institute of Child Health. p.84-7

Rosenberg T, Musto R. Community Health Assessment. In Proceedings of the 8th International Congress on Circumpolar Health, Whitehorse, 1990.

Musto RJ, Choi NW, Oh HC. Linking population based registries for cancer research among Canadian Indians. In Protti DJ, Olivotto SC, ed. Proceedings of the Third Annual Conference on Information Technology in Community Health. Victoria, 1989.

v. Books, chapters

Robinson-Vollman A, Musto R, Scott F. (2017) Public Health in Canada. In Vollman, Anderson E. & J. McFarlane (Ed.) Canadian Community as Partner: Theory & Multidisciplinary Practice (pp. 17-26) Wolters Kluwer

Casebeer A, MacKean G, Abelson J, Maloff B, Musto R, and Forest P. (2008) Engaging the Public Voice in Health Care Decision-Making. In L. McKee, E. Ferlie & P. Hyde (Ed.), *Organizing and Reorganizing – Power and Change in Health Care Organizations* (pp. 123-138). MacMillan

vi. Abstracts – published

Hodes H, Musto RJ. Community participation in Indian health services. In Masi R. ed. Multiculturalism and Health Care: Realities and Needs. Proceedings of the Canadian Council on Multicultural Health First National Conference. Toronto, 1989. p. 183-4.

vii Communications - unpublished

Report on the Committee on the Elimination of Tuberculosis in Canada. Ottawa 1993 (committee member) (not peer reviewed)

Report of the Committee on the Control of Communicable Diseases in First Nations Communities. Ottawa, 1991 (Chair) (not peer reviewed)

Prevention of Injuries among Canadian Aboriginal Peoples. Final Report of the Interdisciplinary Working Group on Injury Prevention. Ottawa, 1990 (Chair) (not peer reviewed)