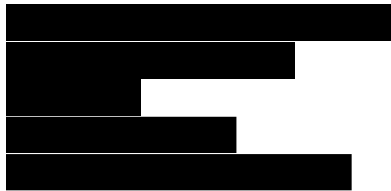


April 25, 2024

CURRICULUM VITAE :

RICHARD SCHABAS MD, MHSc, FRCPC



Professional Experience:

2008-2016	Antibiotic Steward Campbellford Memorial Hospital Campbellford, Ontario
2005-2016	Medical Officer of Health Hastings and Prince Edward Counties Health Unit Belleville, Ontario
2005-2016	Consultant in Internal Medicine Campbellford Memorial Hospital Campbellford, Ontario
2003-5	Chief of Staff York Central Hospital Richmond Hill, ON
1997-2007	President Schabas Associates Inc. Health Consultants
2001-2	Vice President, Medical Affairs GlycoDesign Inc.
2000-01	Vice President, Corporate Development GlycoDesign Inc.
1998-2001	Head, Division of Preventive Oncology Cancer Care Ontario
1997	Director of Screening Programs

Cancer Care Ontario

- 1987-98 Chief Medical Officer of Health and
Director, Public Health Branch,
Ontario Ministry of Health
- 1983-87 Medical Officer of Health,
Borough of East York Health Unit,
Toronto, Ontario
- 1981-99 Consultant in Internal Medicine
Orthopaedic and Arthritic Hospital,
Toronto, Ontario
- 1983-97 Consultant in Internal Medicine
Eastwood Medical Clinic
Toronto, Ontario
- 1977-78 General Practitioner,
Parry Sound, Ontario

Degrees :

- 1983 Fellowship in the Royal College of Physicians and
Surgeons of Canada in Community Medicine (now called
Public Health and Preventive Medicine)
- 1982 Masters in Health Sciences,
University of Toronto
- 1982 Fellowship in the Royal College of Physicians and
Surgeons of Canada in Internal Medicine
- 1976 Medical Doctor (with Honours)
University of Toronto
- 1970 General Certificate of Education (Advanced) in
History, English Literature and Geography,
University of London Board,
London, England

Academic Appointments:

- 2007-2016 Associate Professor
Faculty of Medicine
Queen's University
- 1996-2009 Associate Professor,
Department of Public Health Sciences,
Faculty of Medicine,
University of Toronto
- 1994-2000 Adjunct Associate Professor,
Department of Health Studies and Gerontology,
University of Waterloo
- 1987-96 Assistant Professor,
Department of Biostatistics and Preventive Medicine,
Faculty of Medicine,
University of Toronto
- 1983-7 Lecturer,
Department of Biostatistics and Preventive Medicine,
Faculty of Medicine,
University of Toronto

Previous Appointments (Selected List):

- 2003-5 Infection Control Committee
York Central Hospital
(Chair)
- 2001-2 Health Policy Sub-committee
BIOTECanada
- 1998-9 Ontario Expert Panel on Colorectal Cancer Screening
(vice Chair)
- 1998-9 Expert Panel on Cancer Epidemiology in Cape Breton
(Chair)
Cancer Care Nova Scotia

1998-9 Ontario Tobacco Strategy Expert Panel

1998 Expert Panel on Hepatitis C Epidemiology (Chair)
Health Canada

1998 Multidisciplinary Assessment Committee for New
Opportunities
Canadian Foundation for Innovation

1997=98 Steering Committee (Chair)
Canadian Consensus Conference on a National
Immunization Records System
Health Canada

1987-98 Advisory Committee on Communicable Diseases (Chair)
Ontario Ministry of Health

1987-98 Residency Committee,
Community Medicine Program,
Faculty of Medicine,
University of Toronto

1987-98 Federal/Provincial Advisory Committee on
Occupational and Environmental Health

1993-98 Editorial Board,
"Health News",
University of Toronto

1996-7 Federal/Provincial/Territorial Implementation Team
National Blood Agency

1996-7 Board of Directors
Canadian Blood Agency

1994-97 Children At Risk Advisory Committee,
Laidlaw Foundation

1996 Federal/Provincial/Territorial Working Group on Blood
Governance (Cochair)

1994-6 Provincial (Ontario) Cancer Network

1994-7 Advisory Committee,
Centre for Health Economics and Policy Analysis,
McMaster University

1994 Task Force on the Primary Prevention of Cancer
(Miller Report)

1992=4 Expert Advisory Committee
National Population Health Survey

1988-92 Federal/Provincial Advisory Committee on Community
Health (Chair, 1992)

1990-92 National Health Information Council

1990 Canadian Delegation,
World Health Assembly,
Geneva, Switzerland

1986-92 Public Health Committee
Ontario Medical Association

1987-91 Provincial (Ontario) Advisory Committee on AIDS

1987-88 Expert Advisory Committee on Immunization,
College of Physicians and Surgeons of Ontario

1983-87 Health Protection and Promotion Committee,
Metropolitan Toronto District Health Council

1985-87 Emergency Services Committee,
Metropolitan Toronto District Health Council

1986-87 Working Group on AIDS Services, (Chair)
Metropolitan Toronto District Health Council,

1985-87 Executive Committee,
Association of Local Official Health Agencies

Consultation Contracts for Schabas Associates Inc. (Selected List)

Biochem Pharma: Adviser on influenza vaccine issues

Cameco Corporation: Adviser on epidemiology

Canadian Blood Agency: Observer, GAT Task Force, June 25, 1998, Washington D.C.

Canadian Cancer Society: Cancer Control in Canada: Strategic Priorities for the Next Decade

Capital Health Authority (Edmonton, Alberta): Strengthening Population Health

Health Canada:

Biotechnology Surveillance, Centre for Surveillance
Coordination
Health Protection Branch Surveillance Project

Setting Priorities in Public Health

Canadian Consensus Conference on a National Immunization
Records System

Expert Panel on Hepatitis C Epidemiology

Expert Opinion of Canadian Red Cross Society Frozen Blood
Samples

Laboratory Centre for Disease Control Business Plan
Development (with HDP Consultants)

Evaluation of the Canadian Health Network

Surveillance Transition: Principles of Data Collection

Ontario Ministry of Health:

Ministerial adviser on blood issues

Primary Care Reform

Aventis Pasteur Ltd: Advisor on vaccine issues

Hospital Appointments:

- 2005- Campbellford Memorial Hospital
Campbellford, Ontario
- 2002-5 **York Central Hospital**
Richmond Hill, Ontario
- 1981-99 Orthopaedic and Arthritic Hospital,
Toronto, Ontario
- 1983-87 Toronto East General and Orthopaedic Hospital,
Toronto, Ontario
- 1977-78 Parry Sound District General Hospital,
Parry Sound, Ontario
- 1977-78 St. Joseph's Hospital,
Parry Sound, Ontario

Professional Training:

- 1981-83 Senior Resident in Community Medicine,
University of Toronto
- 1980-81 Senior Resident in Internal Medicine,
Wellesley Hospital,
Toronto, Ontario
- 1979-80 Junior Resident in Internal Medicine,
Toronto General Hospital,
Toronto, Ontario
- 1978-79 Junior Resident in Internal Medicine,
Women's College Hospital,
Toronto, Ontario

1976-77 Rotating Intern,
St. Joseph's Hospital,
Toronto, Ontario

Scientific Publications:

I. Peer Reviewed Journals:

Schabas, Grant, Fulford and Rau. Comments on COVID Vaccine Hesitancy and Traffic Crash Risk. AJM 136(7) July 2023

Grant, Fulford and **Schabas**. Circular logic and flawed modelling compromises non-pharmaceutical intervention article's conclusions. CDR 48(10) October 2022

Schabas, Error in Key Model Input. CMAJ 194(24) JUNE 20, 2022

Schabas, Fisman and **Schabas**, Control of Clostridium difficile-associated diarrhea by antibiotic stewardship in a small community hospital. Canadian Journal of Infectious Diseases and Medical Microbiology. 2012;23(2):82-83.

Schabas, Is the Quarantine Act relevant? CMAJ 2007; 176: 1840 - 1842

Schabas, Severe acute respiratory syndrome: Did quarantine help? Canadian Journal of Infectious Diseases and Medical Microbiology July/August 2004, Volume 15, Number 4

Schabas, Pre-Hospital Intubation and SARS. CMAJ (Published Online August 25, 2003).

Dwosh, Hong, Austgarten, Herman and **Schabas**, Identification and containment of an outbreak of SARS in a community hospital. CMAJ 2003; 168: 1415-1420.

Schabas, SARS: prudence, not panic. CMAJ 2003 168: 1432-1434

Schabas, Colorectal Screening - Time to Act. CMAJ 2003 168: 178-179

Schabas, Is public health ethical? Can J Public Health. 2002 Mar-

Apr;93(2):98-100.

Schabas, Population Screening for Colorectal Cancer; perspectives from the Canadian health care system. J Psychosocial Onc 2001 19(3/4):21-28

Shapero, Alexander, Hoover, Burgis, **Schabas**, Colorectal cancer screening: video-reviewed flexible sigmoidoscopy by nurse endoscopists--a Canadian community-based perspective. Can J Gastroenterol. 2001 Jul;15(7):441-5.

Schabas, "Mass influenza vaccination in Ontario: a sensible move." CMAJ. 2001 Jan 9;164(1):367.

Schabas, "Adolescent and adult pertussis. A problem and a solution." Can Fam Physician. 2000 Nov;46:216970, 21767.

Schabas, "Pertussis in Adolescents and Adults." Can J Public Health. 2000 Jan-Feb;91(1):73

Elliot, Taylor, Cameron, **Schabas**, "Assessing Public Health Capacity to Support Community-based Heart Health Promotion: the Canadian Heart Health Initiative, Ontario Project (CHHIOP)." Health Educ Res. 1998 Dec;13(4):607-22

Glasgow, **Schabas**, Williams, Wallace, Nalezty, "A Populationbased Hepatitis B Seroprevalence and Risk Factor Study in a Northern Ontario Town." Canadian Journal of Public Health 88(2):87 March/April 1997

Schabas "Promoting Heart Health Promotion." Canadian Journal of Public Health 87(Supplement 2) November/December 1996

Whiting , **Schabas**, and Ashley "Hib Vaccine Coverage in Children Attending Day Care/Nursery School in East York." Canadian Journal of Public Health 81(2):152 March/April 1990

Leake, Locker, Price, **Schabas**, and Chia "Results of Sociodental Survey of People Age 50 and Older Living in East York, Ontario." Canadian Journal of Public Health 81(2):152 March/April 1990

Frank, **Schabas**, Arshinoff, Brant, "DiphtheriaTetanus Overimmunization in Children with No Records." Canadian Medical Association Journal, 1989

Leake, Price and **Schabas**, "Oral Health Status and Need for Dental Care Among Elderly in East York, Ontario Collective Residences 1985." Canadian Journal of Public Health 78(5):323 September/October 1987

Schabas, "Spreadsheet Epidemiology: an easy route into the computer age." Canadian Journal of Public Health, 1985

Keystone and **Schabas**, "An Unusual Reaction to Azothioprine." Journal of Arthritis and Rheumatism, 1981

Other Journals:

Schabas "The Real Lessons of SARS." Ottawa Citizen, 2007

Schabas, "Don't Chase Phantom Flu." Globe and Mail, 2006

Schabas, "Much Ado About Clucking." Globe and Mail, 2005

Schabas, "Don't cry wolf on every flu." Globe and Mail, February 2, 2004

Schabas, "SARS, it's a nasty bug but it's not the next plague." Globe and Mail. April 24, 2003.

Schabas, "Pertussis: New Challenges, New Opportunities". Canadian Journal of Clinical Medicine. December 1999 p. 112-3

Schabas, "Pertussis Immunization: Time for Action." Canadian Journal of Allergy and Clinical Immunology. 5(5):209-10 **June 2000**

Schabas, "Colorectal Cancer Screening; what's ahead for Ontario?" Ontario Medical Review, April 1999

Schabas, "Reengineering the Ontario Breast Screening Program." Ontario Medical Review, April 1998

Schabas, "Public Health Home Visiting", IMPrint 17(Winter 19967):23

Schabas, "Public Health and the Health of Populations", Centre for Health Research News, Winter 1997, No. 16

Schabas, "Measles Elimination: Time to CatchUp", Measles Update 3(3): 1

Schabas, "High Risk: Is It Real?" Ontario Medicine, 1991

Schabas, "Burkitt: More Foods for Thought." Ontario Medicine, 1991

Schabas, "Public Health: New Challenges." Ontario Medicine, 1990

Heinmann, Mikel, Naus, Goel, Tischler, Carlson, **Schabas**, Pasut, Borczyk, Krishnan, "Meningococcal Disease in Ontario During the Winter of 1988-1989." Canadian Diseases Weekly Report, 1989

Goel, Carlson, and **Schabas**, "Lyme Disease, an update." Ontario Medical Review, May, 1989

Gilmour, Matsamura, Kelly and **Schabas**, "Bacterial Contamination of Bowling Alley Water Wells." Ontario Diseases Surveillance Report, 1984

Barretto, ChungJames, and **Schabas**, "An outbreak of Rubella in a Toronto High School." Ontario Diseases Surveillance Report, 1983

Public Reports as Chief Medical Officer of Health:

1996: **Tobacco sounding the alarm**

increasing smoking rates in Ontario teenagers, attributable to tax cuts and cigarette promotion are a public health crisis this report recommends wideranging action to curtail this problem

1995: **Immunization the next steps**

a review of the successes in immunization and a strategic plan for expansion of Ontario's immunization program, with a second dose measles catchup, a hepatitis B high school catchup and introduction of a pneumococcal program

1994: **Opportunities for Health progress against cancer**

a description of the epidemiology and etiologies of cancer a discussion of strategies for cancer control a strong emphasis for promotion of nonsmoking and healthy eating as our best means of controlling cancer over 100,000 copies distributed

1993: **Opportunities for Health promoting heart health**

a description of the underlying determinants of ischemic heart disease smoking, blood cholesterol, blood pressure, body weight and physical activity their distribution in Ontario and strategies for promoting heart health over 100,000 copies distributed

1992: **Opportunities for Health a report on youth**

an analysis of the main health challenges facing year old in Ontario with wideranging policy recommendations in areas of tobacco control, alcohol abuse, fitness, nutrition, pregnancy planning, control of sexually transmitted diseases, motor vehicle crashes and mental health promotion

1991: **Tobacco and Your Health**

a descriptive review of the patterns of tobacco use in Ontario and their health impacts over 200,000 copies distributed

Research:

1996 CoInvestigator (Rena Mendelson, Principal Investigator)
Ontario Nutrition Survey
Health Canada Grant (Project #E311212)

1994 Principal Investigator (with Prof. R. Cameron, Prof. Susan Elliot, and Prof.M. Taylor)
Canadian Heart Health Initiative Ontario Project
National Health Research and Development Program Grant

199193 Principal Investigator
Ontario Heart Health Survey
National Health Research and Development Program Grant

198587 Principal Investigator (with Dr. John Frank)
A study to test of efficacy of the Schick test and

tetanus ELISA antibody in determining primary immunization

Awards:

2006 Smoke Free Champion Award
Association of Local Official Health Agencies/Ontario Public Health Association

1997 Amethyst Award for outstanding achievement in the Ontario public service

1997 *Salute to the City* Award
Presented to honour the 20th Anniversary of the Toronto Eaton Centre

1990 Distinguished Service Award
Association of Local Official Health Agencies

1981 Milton H. Brown Award
Department of Biostatistics and Epidemiology,
Faculty of Medicine,
University of Toronto

Public Presentations (Selected List) :

2010 SARS, H5N1 and H1N1 – three panic-demics
Curso Internacional de Medicina Interna de America del Norte
Mexico City, Mexico

2009 H1N1 – What lies Ahead
Ontario Agency for Health Protection and Promotion
Toronto

SARS – The Real Story
Internal Medicine Interest Group
Faculty of Medicine
Queen’s University
Kingston Ontario

SARS – Did Quarantine Work?
American Association for the Advancement of Science
Washington DC

2007 Confessions of a Public Health Doctor
Public Health Interest Group
Faculty of Medicine
Queen’s University
Kingston Ontario

Does Vitamin D Prevent Cancer?
Department of Public Health Sciences
University of Toronto

SARS, the Precautionary Principle and Public Health
Centre de recherche en droit public
Université de Montréal

2006 Pandemic Planning in Perspective
Continuing Professional Development
Queen’s University
Kingston, Ontario

Flu Fraud
Pandemics and the Media

Department of Public Health Sciences
University of Toronto

Prudent Pandemic Planning
Plenary Panel on Pandemic Planning
National Healthcare Leadership Conference
Victoria, British Columbia

2004 Toronto SARS Outbreak
National University of Ireland
Galway, Ireland

My Biotech Career – a cautionary tale
Dublin Molecular Medicine Centre
Dublin Ireland

Lessons from SARS
Department of Public Health Sciences
University of Toronto

2003 Lessons from SARS
Ontario SARS Commission
Toronto

Lessons from SARS
SARS Symposium
University of Toronto

SARS Lessons from the Toronto Outbreak
International Science Symposium on SARS
Beijing, China

Why Public Health in Canada Fails
University of Toronto Alumni Lecture
Canadian Public Health Association Annual Meeting
Calgary, Alberta

The Future of Public Health in Canada
Canadian Institutes for Health Research Symposium
Calgary Alberta

Colorectal Cancer Screening
Medical Rounds
York Central Hospital

Opportunities for Cancer Prevention
Department of Health Studies and Gerontology
University of Waterloo
Waterloo, Ontario

2002 Controversies in Cancer Screening
Annual Clinic Day
Toronto East General Hospital

Politics of Colorectal Cancer Screening
McGill Conference on GI Cancers
Montreal, Quebec

Colorectal Cancer Screening
Cape Breton Cancer Symposium
Sydney Nova Scotia

Feasibility of Eradication of *H.pylori* to Prevent Stomach
Cancer
Cancer Care Ontario Workshop
Toronto

Progress Towards a National Immunization Registry
National Immunization Conference
Victoria, British Columbia

2001 Cancer Prevention
Helping Hands Conference
North Bay, Ontario

Colorectal Cancer Screening
Canadian Digestive Diseases Week
Banff, Alberta

2000 Updates in Oncology - Screening
Royal Victoria Hospital
Barrie, Ontario

1999 "Colorectal Cancer Screening What's ahead for Ontario?"
Focus on the Future Conference
Thunder Bay, Ontario

Colorectal Cancer Screening
Fabian Curry Memorial Clinic Day
Minet, Ontario

"Politics, the Environment and Cancer in Cape Breton."
Joint Preventive Oncology Seminar
Toronto

"Colorectal Cancer Screening What's ahead for Ontario?"
Annual Preventive Oncology Seminar
Cancer Care Ontario
Toronto

"Preventive Oncology at Cancer Care Ontario."
Ontario Hospital Association

Toronto

1998 "Colorectal Cancer Screening What's ahead for Ontario?"
Annual General Meeting
Ontario Association of Gastroenterology
Toronto

"Colorectal Cancer Screening What's ahead for Ontario?"
Colorectal Cancer Symposium
Ottawa Regional Cancer Centre and University of Ottawa
Ottawa, Ontario

Labelle Lecture (Responder)
McMaster University
Hamilton, Ontario

"The Evolving Role of the Community Medicine Specialist"
(panel chair)
Annual Meeting
Royal College of Physicians and Surgeons of Canada
Toronto

"Adolescent and Adult Pertussis" (afternoon chair)
Canadian Public Health Association
Toronto

1997 "The State of Public Health in Ontario" (keynote speaker)
Ontario Public Health Association Annual Conference
Kingston, Ontario

"Public Health and the Health of Population"
University of Waterloo

"Public Health and Who Does What"
Annual Meeting
Association of Local Public Health Agencies
Hamilton, Ontario

"What Ahead for Public Health"
Spring Exchange
Ontario Society of Nutrition Professionals in Public Health
Kempenfelt Bay, Ontario

"Genetic Screening and Public Policy"
Association of Genetic Colleagues of Ontario

Mississauga, Ontario

"Promoting Heart Health" (keynote speech)

Peel Heart Health Network
Mississauga, Ontario

"Public Health and Environmental Health"
Seminar, Diploma Program in Environmental Health
McMaster University

"Public Health in the Age of Krever"
2nd National Conference on Communicable Disease Control
Canadian Public Health Association
Toronto

"Ministry of Health and the Blood System"
Update on Transfusion Medicine
Michener Institute and the Canadian Red Cross Society
Toronto

"Immunization Update"
Saturday at the University Series
University of Toronto

Keynote Address
Tobacco Control Enforcement Conference
Toronto

"Community Health Research and Public Health Policy"
Panel presentation
Community Health Research Day
University of Toronto

1996 "Barriers to Implementation and Achievement of National
Goals"
(plenary presentation) and
"An Anti/Anti Immunization Panel" (breakout session)
Canadian National Immunization Conference
Health Canada
Toronto, Ontario

"Program Evaluation in Public Health (panel presentation)
Association of Public Health Epidemiologists in Ontario
Workshop
Toronto, Ontario

"Tobacco sounding the Alarm" (keynote presentation) and
"Public Health Reform" (concurrent session) and
"Community Action and Public Health in Ontario" (panel
presentation)
Ontario Public Health Association Annual Conference

Toronto, Ontario

"Priorities for Tobacco Control in Ontario" (panel
presentation)
Preventive Oncology Seminar
Ontario Cancer Treatment and Research Foundation
Toronto, Ontario

"Restructuring Public Health"
Association of Local Official Health Agencies Annual
Conference
Gananoque, Ontario

"Cancer Control and Public Health"
Future Directions in Cancer Control
University of Toronto

"Public Health and Confidentiality"
Health Information and Privacy
Canadian Institute of Law and Medicine
Toronto, Ontario

1995 "Immunization the next steps" (keynote presentation) and
"Future Directions in Public Health" (panel presentation),
Ontario Public Health Association Annual Conference
London, Ontario

"Promoting Heart Health Promotion"
Canadian Conference on Dissemination Research

University of British Columbia

2nd International Heart Health Conference
Barcelona, Spain
presented three papers and one poster about the
Canadian Heart Health Initiative Ontario Project

1994 "Implementing New Vaccine Programs"
National Conference on Immunization in the 90's
Health Canada

1992 "What is Safer Sex"
Annual Conference
Canadian Public Health Association
"Understanding Population Health"
Annual Conference
Ontario Public Health Association

1989 "New Directions for Public Health in Ontario"

Annual Conference
Canadian Public Health Association

1987 "High Risk versus Population Strategies a debate"
Annual Conference
Ontario Public Health Association

1986 "Planning for Change in Public Health"
Annual Conference
Ontario Public Health Association

Educational Activities (University of Toronto):

Supervision of Community Medicine Residents: Joel DeKoven, Robert
Gin, Medhat Gindi, Paul Gully, Robert Kyle, Verna Mai, Paul
Martiquet, Cordell Neudorf, Lynn Noseworthy, Howard Njoo, Sandor
Demeter, Elizabeth Richardson, Eric Young, Shelley Deeks, Troy
Herrick, Donna Reynolds, David Buckeridge, Matthew Hodge,
Christine Kennedy

Supervision of MHS Sc Students: Jane Colonna, Walter Ewing, Bromwyn Mears, Anthony Shardt, Catherine Whiting, Luba Wolchuk, Barbara Stolz, Jennifer Bridge, Paul Alexander

Course Lectures: Canada's Health Care System, Health Administration, Health Politics

Course Seminars: Cancer Epidemiology

Educational Activities (other)

1996 "Public Health and Environmental Health" (seminar)
Diploma Program in Environmental Health
McMaster University

Memberships:

Canadian Medical Association
Canadian Medical Protective Association
College of Physicians and Surgeons of Ontario
Ontario Medical Association
Medical Staff Association, York Central Hospital
Royal College of Physicians and Surgeons of Canada