

# Christopher J. Ruddy, Ph.D.

## Curriculum Vitae – September 2020

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<http://www.healthheritageresearch.com/clients/docs/profile/>

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**Professional Researcher, Writer, Consultant & Medical Historian**  
**Specialist in History of Public Health, Infectious Diseases & Biotechnology in Canada**

**More details available at:**  
**<http://healthheritageresearch.com>**

## ACADEMIC APPOINTMENTS, TEACHING & PROFESSIONAL EXPERIENCE

- 2020 During the COVID-19 pandemic, and primarily through my Adjunct Professor appointment at Dalla Lana School of Public Health, University of Toronto, I have responded to numerous media inquiries asking for historical perspectives on the pandemic, focusing in particular on relating the COVID-19 pandemic with influenza pandemics, the history of polio epidemics in Canada and the development of polio vaccines, and also with issues of public health resistance. See, for example:
- (Sept. 15, 2020) [https://www.thestar.com/life/health\\_wellness/2020/09/15/how-polio-was-the-covid-19-of-its-era-right-down-to-the-misinformation-and-bogus-cures.html](https://www.thestar.com/life/health_wellness/2020/09/15/how-polio-was-the-covid-19-of-its-era-right-down-to-the-misinformation-and-bogus-cures.html)
  - (Aug. 30, 2020) <https://www.thestar.com/news/canada/2020/08/30/you-can-call-them-cynical-spreaders-but-the-covid-19-flouters-are-following-a-trail-blazed-in-debates-over-vaccines-milk-safety-and-seatbelts.html>
  - (July 31, 2020) <https://www.nytimes.com/2020/07/31/world/canada/leone-farrell-chemist.html>
  - (June 7, 2020) <https://www.thestar.com/news/canada/2020/06/07/survivors-who-missed-out-on-polio-vaccine-hope-for-breakthrough-against-covid-19.html>
  - (May 4, 2020) <https://omny.fm/shows/news-on-cjob/polio-panel>
  - (April 19, 2020) <https://www.thestar.com/news/insight/2020/04/19/eighty-years-later-lessons-from-the-crippler.html>
  - (April 17, 2020) <https://www.ctvnews.ca/health/coronavirus/looking-back-at-canada-s-polio-epidemic-through-a-covid-19-lens-1.4901831>
  - (April 2, 2020) <https://www.cbc.ca/news/canada/nova-scotia/closures-equipment-shortages-and-insights-from-canada-s-polio-invasion-1.5517204>
  - (March 28, 2020) <https://www.ctvnews.ca/video?clipId=1930364>
  - (March 12, 2020) <https://www.iheartradio.ca/580-cfra/podcasts/listen-now-how-does-covid-19-compare-to-other-pandemics-1.10706826>

I have also contributed historical perspectives to several DLSPH-sponsored webinars during the pandemic, and also to webinars focused on historical perspectives on vaccines, and on questions about a potential 2<sup>nd</sup> wave of the COVID-19 pandemic:

- (July 7, 2020) <https://cshh-schm.ca/virtual-seminar-series-pandemic-histories-3rd-seminar-july-7th> (view webinar)
- (June 29, 2020) <https://cshh-schm.ca/the-second-wave-une-nouvelle-vague/> (view webinar)

- (April 2, 2020) <https://www.dlsph.utoronto.ca/event/special-dlsph-event-ethics-of-using-restrictive-measures-in-the-control-of-infectious-diseases/>

And I was asked by the Royal Society of Canada's COVID-19 Task Force - <https://rsc-src.ca/en/covid-19/rsc-task-force-covid-19> - to contribute a historical article about Canada's vaccine legacy that was published in the Globe & Mail,

- (Sept. 15, 2020) <https://www.theglobeandmail.com/opinion/article-canadas-vaccine-legacy-influenza-polio-and-covid-19/>

- 2020 Lecture / Seminar, "Journey Through the Past: Canada and the History of Epidemics, From Smallpox to SARS," for Public Health Perspectives on COVID-19" DLSPH Online Course, CHL7001H F1, Session 2b, Epidemiology: Historical & Contemporary Perspectives, May 12, 2020
- 2019 Adjunct Professor, Centre For Vaccine Preventable Diseases, Dalla Lana School of Public Health, University of Toronto.
- 2018 Adjunct Professor, Division of Clinical Public Health, Dalla Lana School of Public Health, University of Toronto.
- 2017-20 Lecture / Seminar, "Tuberculosis in Canada: Some Historical Perspectives" for DLSPH Course, CHL5631H, Integrating Public Health & Clinical Care, Jan. 20, 2017 / Sept. 26, 2018 / Sept. 25, 2019 / Sept. 23, 2020
- 2014-17 Adjunct Lecturer, Division of Clinical Public Health, Dalla Lana School of Public Health, University of Toronto.

**1995-Present Medical Historian/ Health Heritage Consultant and Owner**  
***HEALTH HERITAGE RESEARCH SERVICES***

- Developing historical and creative expertise through such contracts and clients as:

**1995-Present Historical Research, Writing, Consulting and Archival Management**

Sanofi Pasteur Limited (Connaught Campus), Toronto, ON (formerly Connaught Medical Research Laboratories, University of Toronto (1914-1972)); Working with Communications, Public & Immunization Policy, Scientific & Medical Affairs, Materials Management; Library Services, Marketing, Human Resources, Quality Assurance, Industrial Operations, Facilities Management, Global Vaccine Advocacy; (also insulin history projects for Sanofi Canada Diabetes group).

- Historical research, writing and consulting on the development, production and evaluation of vaccines, such as polio, pertussis, smallpox, diphtheria, influenza, rabies, and other biological products, including insulin, heparin and Tuberculin PPD, for reports, presentations, exhibits, online content and published articles
- Developing historical content related to general corporate history of Connaught Laboratories, its products and key role in the development of public health in Canada and internationally for use in reports, exhibits, presentations, publications, corporate and public web sites, the development of a Heritage Room and conducting regular heritage tours for new employees and site visitors. [Photos of the Heritage Room](#); new panels added in 2018 ([photos](#))
- Producing, designing and managing traveling multimedia historical exhibits and associated presentations and publications, ie: "The Challenge of Whooping Cough: Canada and the Development of Pertussis Vaccines" (2006) and "Conquering the Crippler: Canada's Role in the Fight Against Polio" (2005) at conferences, hospitals, medical schools and science centres across Canada,

Image galleries available at: *healthheritageresearch.com* (see the “[Pertussis](#)” and “[Poliomyelitis](#)” Specialty Historical Resources sections of the site)

- Cataloguing and management of archival documents and artifacts and digitization of archival photos, slides and moving images (film/ video)
- Facilitating the application of archival images and other items internally and for external clients, the media, government and individuals
- Content development for Sanofi Pasteur Canada Centenary Facebook page <http://facebook.com/SanofiPasteurCanada100> and for <http://sanofipasteur.ca>
- Content development (research, writing, archival image, video and document curating) of “The Legacy Project” website, launched January 2016: <http://thelegacyproject.ca>

2020

**Lead Historian**

Defining Moments Canada: <http://definingmomentscanada.ca>

- Research, writing, editing, consultation for the Defining Moments Canada “Insulin 100” national digital commemoration; primary content creation, online exhibit development, co-ordination of historical content prepared by others

2020

**Researcher & Consultant**

Heritage Minute development, Insulin 100<sup>th</sup> story, Historica Canada

- Script development consultations

2019

**Researcher & Writer**

Canadian Encyclopedia; Historica Canada – <http://historicacanada.ca>

- Prepared invited submission, “Canada and the Development of the Polio Vaccine” – [Read article](#)

2018-19

**Researcher & Writer for Website Content**

Office of Research & Innovation; Connaught Fund, University of Toronto

- Preparing a series of 12 blog-style articles for the Connaught Fund webpage - <http://connaught.research.utoronto.ca/> - of the UofT Research & Innovation website - <http://www.research.utoronto.ca/> - that are focused on the history of the Connaught Fund and in particular, the history of Connaught Medical Research Laboratories during the period it was a vital part of the University of Toronto (1914-1972). UofT’s sale of the Labs in 1972 led to the establishment and endowment of the Connaught Fund.
- Articles posted at, <http://connaught.research.utoronto.ca/history/>

2018-19

**Researcher, Writer, Consultant**

Defining Moments Canada: <http://definingmomentscanada.ca>

- Providing historical support and website content for “Spanish Flu 100<sup>th</sup>” (2018) and development of Insulin 100<sup>th</sup> national digital commemoration initiatives

2018

**Researcher, Writer, Curator**

Dalla Lana School of Public Health, University of Toronto

“A Century of Building a School of Public Health” Timeline Wall panel installed on 5<sup>th</sup> floor – ([Photos](#))

Curated Archival Displays for DLSPH 6<sup>th</sup> Floor Lobby; ([Photos of displays](#))

2017

**Course Development & Lecturer**

Living & Learning in Retirement, Toronto – <http://llir.com>

- Prepared and delivered a 10-lecture course (Sept-Nov) entitled: “Milestones in Public Health & Biotechnology: Canadian Connections” for class of 130 adult/retiree students based at Glendale Campus of York University
- Lecture slides: <http://healthheritageresearch.com/clients/LLiR/>

- 2013-19 **Researcher, Writer, Performer**  
 “Quarantine Tent” public exhibit & street theatre initiative created by Pippa Wysong - <https://ca.gofundme.com/quarantine-tent> - originally for “Science Rendezvous,” mounted at University of Toronto during 2013, 2014 and 2015 SR events; at Sanofi Pasteur Canada 100<sup>th</sup> anniversary employee “Farm to Pharma” picnic, June 8, 2014; at Science Rendezvous event in Kingston, May 7, 2016; for Public Health Ontario “Immunization Week” event at MaRS Discovery District, Toronto, April 25, 2017; at ArtFest, Canada150 event in Kingston, July 1, 2017 / RAMA First Nation HealthFest, Sept. 28, 2017 / Science Rendezvous, UofT May 12, 2018 and May 11, 2019  
[Photos](#) of 2013 event | [Photos](#) of 2014 event | [Photos](#) of 2014 event at Sanofi Pasteur | [Photos](#) of 2015 SR event | [Photos](#) of 2016 SR event | [Photos](#) of 2017 event at MaRS | [Photos](#) of 2017 Kingston ArtFest event | [Photos](#) of 2017 RAMA First Nation event | Photos of [2018](#) and [2019](#) Science Rendezvous events
- 2015-16 **Research, Consulting and Archival Management**  
 Sanofi Pasteur US (Swiftwater Campus), Swiftwater, PA, Communications
- Archival assessment, organization and historical consulting.
- 2015-16 **Historical Research and Writing**  
 Public Health & Preventive Medicine Residency Program, University of Toronto
- Researching the history of the Public Health & Preventive Medicine Residency Program at the University of Toronto for its 40<sup>th</sup> anniversary in the context of the national development of the public health specialty since 1946.
  - Prepared presentation (and historical content for program) for PHPM 40<sup>th</sup> anniversary event, June 16, 2016, “Public Health & Preventive Medicine Residency Program, University of Toronto: A Program, A Specialty & Its Roots, 1946-2016” ([view presentation and booklet](#))
- 2015-16 **Historical Research and Analysis**  
 Osler, Hoskins & Harcourt, LLP, Toronto, ON
- Researching the history of the Canadian health care system, evolution of disease profile and disease treatment, focusing on New Brunswick
- 2014-15 **Researcher, Writer**  
 Public Health Ontario, Toronto, ON.
- Researching and writing a case history of the Provincial Infectious Diseases Advisory Committee (PIDAC), which was founded in 2004 after SARS
- 2014 **Artifacts Management, Research, Cataloguing**  
 Faculty of Medicine, University of Toronto (Space Planning)
- Conducting inventory and building catalog of Banting-Best Insulin artifacts and memorabilia collection held by the Faculty of Medicine
- 2014 **Researcher, Writer, Curator**  
 Dalla Lana School of Public Health, University of Toronto
- Historical poster series: “Within Reach of Everyone: The Birth, Maturity and Renewal of Public Health at University of Toronto” - [Photos](#) of posters; content

adapted for DLSPH website, <http://www.dlsph.utoronto.ca/history/>; posters installed on 6<sup>th</sup> floor of DLSPH in 2018 ([Photos](#))

- 2013-14 **Researcher, Writer, Exhibit Curator**  
Museum of Health Care, Kingston, ON
- “Vaccines & Immunization: Epidemics, Prevention & Canadian Innovation,” multimedia exhibit, [opened Nov. 2013](#) | [Photos](#) of exhibit
  - Online version of exhibit launched in November 2014  
<http://www.museumofhealthcare.ca/explore/exhibits/vaccinations/>
- 2013 **Researcher, Consultant**  
Dr. Alexander W. Clowes, Department of Surgery, Univ. of Washington, Seattle,
- Research for biography of Dr. G.H.A. Clowes and early development of insulin
- 2012 **Researcher, Writer, Historical Consultant**  
University of Toronto, Faculty of Medicine
- Historical text and photo selection, Donation Wall Installation, Medical Sciences Building – [Photos of Donation Wall](#)
- 2012 **Researcher, Writer, Historical Consultant, Curator**  
University of Toronto, Faculty of Medicine
- “University of Toronto Medicine: Student Life & Medical Innovation, A Historical Showcase” - Historical Panels, Medical Sciences Lobby – [Photos of exhibit](#)
- 2011 **Researcher, Writer, Historical Consultant, Curator**  
University of Toronto, Faculty of Medicine
- “Insulin: Toronto’s Gift to the World” - multimedia exhibit on permanent display at MaRS Centre, Toronto – [Photos of exhibit](#)
- 2010-11 **Health Researcher, Writer, Consultant**  
Self Care Catalysts Inc. – <http://selfcarecatalysts.com>
- Provided research and consulting services focused on helping marketing professionals understand specific complex health beliefs and self-care behaviour to drive better business solutions and growth
- 2009-10 **Researcher, Writer, Historical Consultant**  
Canadian Public Health Association
- Research and writing of eBook for 100<sup>th</sup> anniversary of CPHA, *This is Public Health: A Canadian History*, [eBook published June 2010](#).
- 2009 **Researcher, Writer, Historical Consultant**  
Dalla Lana School of Public Health, University of Toronto
- Consultations on proposed development of the FitzGerald Reading Room and poster series on roots of public health education at the University of Toronto
- 2008 **Researcher, Writer, Designer, Curator**  
Toronto General Hospital, Diabetes Clinic
- Development of 16-poster historical exhibit showcasing the discovery and early development of insulin in Toronto; [Photos](#) of posters
- 2007-08 **Researcher, Writer, Historical Consultant**  
Canadian Nurses Association

- Research and writing of book manuscript for 100<sup>th</sup> anniversary of CNA; published in 2014 as *Canadian Nurses Association: One Hundred Years of Service, 1908-2008*; [online eBook](#)
- 2007-08    **Researcher, Writer, Historical Consultant**  
Public Health Agency of Canada
- Assisted with development of report/ poster entitled, "Back To The Future: Poliomyelitis. A Public Health Scenario Development Project," which investigated the question: What would it be like in Canada today if polio vaccines had not been developed and polio not eradicated?
- 2006-07    **Researcher, Writer, Historical Consultant**  
Sanofi Aventis Canada
- Report, history of insulin price in Canada, 1922-1984; [article published in 2008](#).
- 2004-07    **Researcher and Historical Consultant**  
Veteran's Affairs, Canada
- Providing historical background on history of polio with reference to specific individuals who contracted polio during their military service and who are now seeking additional benefits after developing post-polio syndrome in recent years
- 2002        **Researcher, Writer**  
MaRS (Medical and Related Sciences) Discovery District, Toronto, ON
- Prepared report on the history of Toronto General Hospital's College Wing building, entitled "From 'The Ward' to Discovery District: 101 College Street: At the Heart of Canada's Health Care Heritage."
- 2001        **Special Features Writer**  
McGraw-Hill Ryerson, Grade 11 Biology textbooks
- Prepared "Banting and Best Discover Insulin," "Bioinformatics," "Pioneer Cytogeneticist," "Immunologist," articles published in Don Galbraith *et al.*, *Biology 11* (McGraw-Hill Ryerson, 2001)
- 1999        **Researcher & Historical Consultant**  
Dr. Christianne Sinding, Centre de Recherche Médecine, Sciences, Santé et Société, Paris, France
- Collected archival and secondary materials related to the history of insulin
- 1999        **Researcher & Historical Consultant**  
Mackay Memorial Hospital, Taipei, Taiwan
- Collected and summarized archival materials related to the early history of the hospital from Canadian Presbyterian Church missionary sources
- 1999        **Researcher & Historical Consultant**  
Inhale Therapeutic Systems, San Carlos, California
- Collected package of primary and secondary sources on the impact of 1955 Salk vaccine "Cutter Crisis" on Good Manufacturing Practices in health care industry
- 1998-99    **Biographical Researcher & Writer**  
Dr. J.K.W. Ferguson, Thornhill, ON
- "Dr. James Kenneth Wallace Ferguson: Practical Doctor, Protector of Health & International Idealist, 1907 – 1999," private essay for family

- "'I'd Rather Burn Out Than Rust Out:' James Young Ferguson, Hospital Building and Missionary Medicine in Formosa, 1905-1922," private essay for family
- 1998-99 **Researcher & Historical Consultant**  
Professor P.M.H. Mazumdar, Institute for the History & Philosophy of Science & Technology, University of Toronto, Toronto, ON
- Researched Tetanus Antitoxin & the League of Nations Serum Standardization
- 1998-99 **Researcher & Historical Consultant**  
Professor Alison Li, Dept of Science & Technology Studies, York University, Toronto
- Biographical Research on Dr. E.W. McHenry (1899-1961)
  - Researched popular representations of the Discovery of Insulin
- 1997-99 **Researcher, Author and Historical Consultant**  
St. Mary's General Hospital, Kitchener, ON
- *A Circle of Care: St. Mary's General Hospital: 75 Years of Caring* (Kitchener, St. Mary's General Hospital, 1999) | [pdf of book uploaded here](#)
- 1998 **Researcher and Historical Consultant**  
Sault Area Hospitals, Sault Ste. Marie, ON
- Conducted primary archival research for the 100th anniversary history of Sault Ste. Marie General Hospital, *Ask the Grey Sisters: Sault Ste. Marie and the General Hospital, 1898-1998* (Toronto: Dundurn Press, 1998), by Elizabeth Isles
- 1997 **Bibliographic Researcher**  
Dr. Charles G. Roland, Hannah Chair for the History of Medicine  
McMaster University, Hamilton, ON
- Literature search of recent Canadian medical history publications for *Secondary Sources in the History of Canadian Medicine: A Bibliography, Second Edition*
- 1997 **Writer**  
Ken Eklund Communications, San Jose, CA
- Prepared summary of polio history for "Arctica" Science Mystery Online: [www.accessexcellence.org/arc/](http://www.accessexcellence.org/arc/)
- 1996-97 **Biographical Researcher and Writer**  
Canadian Medical Hall of Fame, London, ON
- Researched and summarized biographical information on nominees and inductees
- 1996-97 **Research, Writing and Creative Design Consultant**  
Marketing Dept., Novo Nordisk Canada Inc., Mississauga, ON
- Created and produced a 75th anniversary reprint package of the first Insulin paper
- 1995-2003 **Researcher and Historical Consultant**  
Dr. Charles Hayter, Radiation Oncologist, Toronto-Sunnybrook Cancer Centre; Associate Professor, Department of Radiation Oncology, University of Toronto
- Conducted primary research and assisted with manuscript revisions for book, *An Element of Hope: Radium and the Response to Cancer in Canada, 1900-1940* (Kingston & Montreal, McGill-Queen's University Press, 2005)
  - \* Primary research for history of medical theatre project, ie. "Daffydil" show, University of Toronto
- 1995 **Researcher and Historical Consultant**

Professor James Marcum, Dept. of Biology, Houghton College, Houghton, NY  
 • Conducted archival research and oral history for a history of heparin book project

- 1994-95      **Teaching Assistant/Tutorial Leader**, Canadian History survey course, University of Toronto, Carl Berger, Supervisor  
 • Designed and led tutorials for undergraduate Canadian History survey courses  
 • Prepared essay and presentation topics and evaluated students
- 1994      **Researcher**  
 Hannah Institute for the History of Medicine Medical/ Health Archives Policy Project, J.T.H. Connor, Supervisor  
 • Surveyed Canadian pharmaceutical and related companies and volunteer health organizations about their archival collections
- 1993      **Research Consultant**  
 CBC Television, William Cobban, Producer  
 • Collected material and advised on a polio history documentary, “Conquering the Crippler,” “Prime Time News: Magazine,” first aired Dec 7, 1993 – [View documentary](#)
- 1992-95      **Teaching Assistant/Marker**, Canadian History survey course, Dept. of History, University of Toronto, Michael Bliss, Supervisor  
 • Prepared essay topics and evaluated students
- 1990-94      **Teaching Assistant/Tutorial Leader**, Canadian History survey course, Dept. of History, University of Toronto, Thomas P. Socknat, Supervisor  
 • Designed and led tutorials for undergraduate Canadian History survey courses  
 • Prepared essay and presentation topics and evaluated students

## SELECTED PUBLICATIONS, PRESENTATIONS & MEDIA APPEARANCES

- 2020      **COVID-19 Pandemic Related Media Interviews & Appearances:** See note and links to examples at top of CV
- 2020      **Article:** “Canada’s Vaccine Legacy: Influenza, Polio and COVID-19,” *Globe & Mail*, Sept. 14, 2020 ([view article](#))
- 2020      **Presentation / Seminar:** “Tuberculosis in Canada: Historical Perspectives” presented to DLSPH CHL5631H, Integrating Public Health & Clinical Care, Sept. 23, 2020
- 2019      **Presentation/ Seminar:** “The Eradication of Smallpox After 40 Years: Vaccine Innovation, Canadian Leadership & Global Public Health; Looking Back & Learning Forward,” Centre for Vaccine Preventable Diseases, Lecture Series, Dalla Lana School of Public Health, Dec. 4, 2019 ([watch video recording](#))
- 2019      **Presentation / Seminar:** “Tuberculosis in Canada: Historical Perspectives” presented to DLSPH CHL5631H, Integrating Public Health & Clinical Care, Sept. 25, 2019
- 2019      **Invited Article Submission:** “Canada and the Development of the Polio Vaccine” entry for The Canadian Encyclopedia; posted August 2019 ([view article](#))
- 2019      **Radio Interview:** “The History of Insulin, From A Price Tag of \$1 To Over \$250” “On Point” WUBR (National Public Radio), March 5, 2019 ([listen to interview](#))



- 2019 **Invited Presentation:** “Mercy Mission: Connie Beattie & Arctic Polio, 1949” presented at meeting of Toronto Medical Historical Club, Feb. 22, 2019 ([view presentation](#))
- 2019 **Invited Speaker (Keynote):** “Health Canada, Paul Martin Sr. & The Polio Story” presented at Health Science Forum: 100 Years of Health, (Health Canada), Ottawa, Jan. 11, 2019 ([view presentation](#))
- 2018-19 **Article Series:** “History of Connaught Laboratories” articles series for University of Toronto Office of Research & Innovation’s Connaught Fund website; articles posted at (<http://connaught.research.utoronto.ca/history/>)
- #1: “Origins: From the Connaught Fund and Back to Connaught Laboratories”
  - #2: “Connaught Laboratories & The Crucible of World War I”
  - #3: “Connaught Laboratories & The Making of Insulin”
  - #4: “A Relentless Pace: Connaught Labs, Insulin Innovation, School Building & Defeating Diphtheria, 1923-29”
  - #5: “From Insulin to Heparin: Innovation at Connaught Labs During the 1930s”
  - #6: “Connaught Labs, World War II & Biotech Innovation”
  - #7: “Connaught Labs, Polio Research & Conquering ‘The Crippler’
  - #8: “From Salk to Sabin: Persistent Polio and Vaccine Innovation at Connaught Labs, 1955-1962”
  - #9: “Connaught Labs, Smallpox & Stopping ‘The Speckled Monster’
  - #10: “Connaught Labs, Persistent Pertussis & Bacterial Vaccines Improvement”
- Forthcoming:
- #11: Precision Innovations: Rabies Vaccines, Tuberculin PPD & Sulphated Insulin at Connaught Labs, 1958-1970”
  - #12: “The Limits of Growth: Connaught Labs & University of Toronto, 1966-1972”
- 2018 **Invited Article:** “The Spanish Flu and Canadian Influenza Vaccine Initiatives,” posted on Defining Moments Canada website, Essays & Articles page; website dedicated to commemorating 100<sup>th</sup> anniversary of “Spanish Flu” pandemic in Canada ([view article](#))
- 2018 **Invited Speaker:** “Tuberculosis in Canada: Some Historical Perspectives” presented at “TB Conference 2018: Looking Forward” (Breathe: The Lung Association), Toronto, Nov. 21, 2018 ([view presentation](#))
- 2018 **Radio Interview:** “Painting by Frederick Banting of his Toronto lab to hit auction block,” “As It Happens” CBC Radio, Oct. 12, 2018 ([listen to interview](#))
- 2018 **Presentation / Seminar:** “Tuberculosis in Canada: Historical Perspectives” presented to DLSPH CHL5631H, Integrating Public Health & Clinical Care, Sept. 26, 2018 ([view presentation](#))
- 2018 **Article:** “Mercy Mission: Fighting Polio in the Arctic,” *Canada’s History* (Formerly *The Beaver*) (Feb-March 2018): 30-37 ([view article](#))
- 2017 **Course Lectures:** “Milestones in Public Health & Biotechnology: Canadian Connections”, 10 lectures, Living & Learning in Retirement, Toronto, Sept.-Nov, 2017; [lecture slides](#).
- 2017 **Article:** “The Speckled Monster,” *Reader’s Digest Canada* (May 2017): 62-67 ([read pdf of article](#)); “digested” from “A Pox On Our Nation”, *Canada’s History Magazine* (Feb-March 2015): 28-35.
- 2017 **Presentation / Seminar:** “Tuberculosis in Canada: Historical Perspectives” presented to DLSPH graduate reading course, CHL7001H S2, Tuberculosis Prevention and Care, January 20, 2017 ([view presentation](#))

- 2016 **Presentation:** “Social Engagement in Public Health History: Making History Matter,” prepared for Science & Technology Studies Seminar, York University, and delivered during class tour of Sanofi Pasteur Canada (Connaught Campus) site, Nov. 22, 2016 ([view presentation](#))
- 2016 **Invited Speaker:** “The Middle Class Plague: Canada and The Polio Years,” presented for Markham-Unionville Rotary Club at “Polio Day” event at Markham City Hall, October 21, 2016; a longer version of the presentation given at Markham-Unionville Rotary Club meeting, November 14, 2016 ([view presentations](#))
- 2016 **Article:** “A Chance Meeting Changed Medical History,” *U of T Medicine Magazine*, Winter 2017 ([view article](#))
- 2016 **Invited Presentation:** “Public Health & Preventive Medicine Residency Program, University of Toronto: A Program, A Specialty & Its National Roots,” UofT Public Health & Preventive Medicine Residency Program 40<sup>th</sup> Anniversary event, June 16, 2016, University of Toronto; adapted historical content for event Program ([view presentation and program](#))
- 2016 **Invited Speaker:** “The Middle Class Plague: Ontario and the Polio Years,” presented to the Mississauga-Dixie Rotary Club, March 12, 2016.
- 2015 **Article:** “Flu Shots: Why Bother?” *The Voice: Newsletter of the United Senior Citizens of Ontario* (November 2015).
- 2015 **Invited Presentation:** “Making a Difference: Episodes in the History of Public Health & Infectious Disease Control in Canada,” presented at Introductory Class, Community, Population and Public Health, Faculty of Medicine, University of Toronto, September 2, 2015
- 2015 **Invited Presentation:** “Making a Difference: Episodes in the History of Public Health & Infectious Disease Control in Canada,” presented at Professional Development Day, Sudbury & District Health Unity, June 10, 2015. ([view presentation](#))
- 2015 **Invited Presentation:** “Preventing Perfection Paralysis: Historical Perspectives on Vaccine Development; Canada and the Salk Polio Vaccine,” presented at Ebola in Context Lunch & Learn, Dalla Lana School of Public Health, University of Toronto, March 13, 2015
- 2015 **Conference Presentation:** “Dr. John G. FitzGerald & Dr. Robert D. Defries: The Lennon & McCartney of Canadian Public Health,” presented at “The Public’s Health: A Symposium on Public Health Histories,” University of Toronto, March 6, 2015 ([view presentation](#))
- 2015 **Article:** “A Pox On Our Nation,” *Canada’s History* (Formerly *The Beaver*) (Feb-March 2015): 28-35; [pdf of article \(nominated for National Magazine Award, 2015\)](#)
- 2014 **Invited Speaker:** “Innovation and Re-Invention: Connaught Laboratories, Biotechnology and Public Health,” Third Age Learning Lecture Series: Transforming Lives Through Innovation, The Arboretum, University of Guelph, October 1, 2014
- 2014 **Invited Speaker to Rotary Clubs in Burlington, Toronto and Bolton:** “The Middle Class Plague: Ontario and the Polio Years” August-October 2014
- 2014 **Book:** C.J. Ruty, Jayne Elliott and Michael Villeneuve, *Canadian Nurses Association: One Hundred Years of Service, 1908-2008* (Ottawa: CAN, 2014); [online eBook](#)

- 2013 **Invited Lecture:** "The Middle Class Plague: Canada and the Polio Years" for 'Fundamentals in Global Health' course, Faculty of Health Sciences, McMaster University, Nov. 6, 2013
- 2013 **Invited Keynote Speaker:** "Public Health, Vaccines and Medical History in the G.T.H.A." McMaster University Medicine Professional Competencies Session, October 22, 2013
- 2013 **Invited Lecture:** "Hamilton Slays a Dragon: Defeating Diphtheria in Hamilton" for 'The Plagues and Peoples of Hamilton' course, McMaster Discovery Program, Sept. 21, 2013
- 2013 **Book Chapter:** "Rabies Vaccines in Canada: Domestic Animal Vaccines," in forthcoming book edited by Dr. David Gregory and Dr. Rowland Tinline, *Taking the Bite Out of Rabies: Chronicling the Success of Prevention and Control in Canada*.
- 2012 **Invited Speaker:** "Fearlessness & Innovation: Personalities, Connaught Laboratories and Vaccine Development in Canada, 1914-1972" for The FitzGerald Seminar Series, Dalla Lana School of Public Health, University of Toronto, Feb. 28, 2012
- 2011 **Multi-media Exhibit:** "Insulin: Toronto's Gift To The World," University of Toronto, Faculty of Medicine, on permanent display at The MaRS Centre, Toronto; [Photos of exhibit](#)
- 2010 **Invited Speaker:** "Innovation & Re-Invention: Connaught Laboratories, Biotechnology and Canadian Public Health" for Introduction to CHL 5004 Incoming Class, Dalla Lana School of Public Health, University of Toronto, Sept. 7, 2010
- 2010 **Book:** C.J. Ruty and Susan Sullivan, *This Is Public Health: A Canadian History (1867-1986)* (Ottawa: Canadian Public Health Association, 2010) – published as an [online eBook](#)
- 2008 **Article:** "Couldn't Live Without It': Diabetes, the Costs of Innovation and the Price of Insulin in Canada, 1922-1984," *Canadian Bulletin of Medical History* 25 (2008): 407-31 ([pdf of article](#))
- 2008 **Book:** Researcher, co-writer of *Canadian Nurses Association: One Hundred Years of Service, 1908-2008*; [online eBook published in 2014](#).
- 2008 **Conference Essay:** "Canadian Vaccine Research, Production and International Regulation: Connaught Laboratories and Smallpox Vaccines, 1962-1980," (originally presented at 'Immunology at the Bench and Bedside,' conference, Toronto, June 17, 2004) in Kenton Kroger, Jennifer Keelan and Pauline M.H. Mazumdar (eds.) *Crafting Immunity: Working Histories of Clinical Immunology* (Hampshire, UK: Ashgate, 2008), pp. 273-300 ([pdf of article](#))
- 2008 **Invited Essay:** "Personality, Politics and Public Health: The Origins of Connaught Medical Research Laboratories, 1888-1917," in E.A. Heaman, Alison Li, Shelley McKellar (eds.) *Figuring the Social: Essays in Honour of Michael Bliss* (Toronto: University of Toronto Press, 2008), pp. 273-303 ([pdf of article](#))
- 2008 **Research Report:** co-author, "Back To The Future: Poliomyelitis. A Public Health Scenario Development Project," Public Health Agency of Canada, January 2008. This project investigates the question: What would it be like in Canada today if polio vaccines had not been developed?
- 2006 **Article:** C.J. Ruty, L. Barreto and R. Van Exan, "Polio Vaccine Development in Canada: Contributions to Global Polio Eradication," *Biologicals* 34 (2006): 91-101, originally presented at Polio Vaccine: The First 50 Years and Beyond, Toronto, June 2005 ([pdf of article](#))

- 2005 **Book Review:** of Marc Shell's *Polio and its Aftermath: The Paralysis of Culture* (Cambridge: Harvard University Press, 2005), *Journal of the History of Medicine* 61 (2006): 232-34 (copy available at [healthheritageresearch.com](http://healthheritageresearch.com))
- 2005 **Invited Lecture:** "The Woman & the Method: Dr. Leone Farrell, Connaught Laboratories and the Control of Polio," Celebrating Public Health: The Linch-pin of the Nation's Health, 10<sup>th</sup> Gold Lecture, Toronto Academy of Medicine, Toronto, November 28, 2005
- 2005 **Invited Lecture:** "Pertussis and Combination Vaccines in Canada: A Century of Progress," Connaught Retiree's Association, Sanofi Pasteur Limited, Toronto, November 15, 2005
- 2005 **Public Lecture:** "Conquering the Crippler: Canada's Role in the Fight Against Polio," Public Forum on Polio, Telus World of Science, Edmonton, August 20, 2005
- 2005 **Article:** "The Canadian Polio Experience: A Personal Journey Through the Past," *Ars Medica* Vol. 1, No. 2 (Spring 2005): 60-73 ([pdf of article](#))
- 2005 **Conference Presentation:** C.J. Ruty, L. Barreto, R. Van Exan, "Polio Vaccine Development in Canada: Contributions to Global Polio Eradication," Polio Vaccines: The First 50 Years & Beyond, International Association of Biologicals Conference, Toronto, June 5, 2005
- 2005 **Invited Lecture:** "The Story of Polio Vaccines: A Canadian Perspective," 9<sup>th</sup> International Conference on Post-Polio Health, St. Louis, June 2005
- 2005 **Article:** C.J. Ruty, L. Barreto, R. Van Exan, S. Gilchrist, "Conquering the Crippler: Canada and the Eradication of Polio," *Canadian Journal of Public Health* 96 (March-April 2005), special insert, I-1 – I-24 ([pdf of article](#))
- 2005 **Interview:** 50<sup>th</sup> Anniversary of Salk Polio Vaccine, CHML Radio, Hamilton, ON, April 12, 2005
- 2005 **Interview:** "Polio Remembered: The 20<sup>th</sup> Century Plague," CBC Radio, "Quirks & Quarks," April 9, 2005
- 2005 **Invited Lecture:** "From Farm to Factory: The Origins & Evolution of the Connaught Campus: A Visual Tour Through Time," Connaught Retiree's Association, Sanofi Pasteur Limited, Toronto, February 8, 2005
- 2004 **Conference Presentation:** co-author with L. Barreto, R. Van Exan, "The Development of Polio Vaccines: Canada's Role in the Eradication of 'The Crippler,'" 6<sup>th</sup> Canadian Immunization Conference, Montreal, December 5, 2004;
- 2004 **Book Review:** of Shelley McKellar's *Surgical Limits: The Life of Gordon Murray (1894-1976)* (University of Toronto Press, 2003) in *Canadian Historical Review* 85 (Dec 2004): 860-62
- 2004 **Invited Lecture:** "Perplexing Polio: Canada & the 20<sup>th</sup> Century Plague," Burlington Historical Society, Burlington, ON, Sept 20, 2004
- 2004 **Conference Paper:** "Canadian Science and the International Politics of Smallpox Vaccines, 1962-1980," Immunology at the Bench and Bedside, Toronto, June 17, 2004
- 2004 **Conference Paper:** "Ground Zero: Manitoba, Public Health and the Politics of Polio, 1953-55," Annual Meeting, Canadian Society for the History of Medicine, Winnipeg, June 6, 2004

- 2003 **Article:** "Canada and the 20<sup>th</sup> Century Plague", *The Beaver* (Apr-May 2004): 32-37 ([pdf of article](#))
- 2003 **Conference Presentation:** co-author with L. Barreto, R. Van Exan, "Canada and the Smallpox Vaccine Story," Canadian Conference on Counter-Terrorism and Public Health, Toronto, October 30, 2003
- 2003 **Media Appearances:** SARS and the history of public health in Canada, April 18, 2003, CBC Newsworld; May 1, 2003, Canada Now, CBC Toronto
- 2003 **Invited Lecture:** "Perplexing Polio: Canada and the 20th Century Plague," Presentation for Hannah Chair for the History of Medicine Noon Lecture Series, "New' Diseases in History," University of Ottawa, February 28, 2003
- 2003 **Website content:** History of Poliomyelitis section, originally for polio-vaccine.com website, Aventis Pasteur (France), but since removed. Content adapted for use on [healthheritageresearch.com website](#)
- 2002 **Report:** "From 'The Ward' to Discovery District: 101 College Street: At the Heart of Canada's Health Care Heritage," prepared for MaRS (Medical and Related Sciences) Discovery District, Toronto, August 2002
- 2002 **Article:** with Luis Barreto, "The Speckled Monster: Canada, Smallpox and its Eradication," *Canadian Journal of Public Health* 93 (July-Aug 2002): I-1 - I-20 ([pdf of article](#))
- 2001 **Panel Guest:** on TalkTV, August 13, 2001 "The Chat Room: The Watercooler", discussion of public health
- 2001 **Book Review:** of Lesley Marus Barsky, *From Generation to Generation: A History of Mount Sinai Hospital* (Toronto: McClelland and Stewart, 1998) in "Letters in Canada," *University of Toronto Quarterly* 70(1) (Winter 2000/2001): 517
- 2001 **Science Textbook Articles:** "Global Heroes: Banting and Best Discover Insulin," "Bioinformatics," "Pioneer Cytogeneticist," "Immunologist," in Don Galbraith *et al.*, *Biology* 11 (Toronto: McGraw-Hill Ryerson, 2001)
- 2000 **Conference Paper:** "'The Middle Class Plague:' Canada & The Polio Years," 25th Anniversary Meeting of the Social Science History Association, Pittsburgh, October 26-29, 2000
- 2000 **Presentation:** "Health Heritage Research Services: Medical History in Private Practice: Redefining the Interface Between Academics & Business," University of Toronto School of Graduate Studies, Life After Graduation Workshop, June 7, 2000
- 2000 **Conference Paper:** "I'd Rather Burn Out than Rust Out:" James Young Ferguson, Hospital Building and Missionary Medicine in Formosa, 1905-1922," Annual Meeting, Canadian Society for the History of Medicine, University of Alberta, Edmonton, May 27, 2000.
- 2000 **Colloquium:** "Personality, Politics & Canadian Public Health: The Origins of Connaught Medical Research Laboratories, University of Toronto, 1888-1917," Institute for the History & Philosophy of Science & Technology Colloquium Series, January 26, 2000
- 1999 **Conference Paper:** "Health Heritage Research Services: Medical History in Private Practice: Redefining the Interface Between Academics & Business," AMS/Hannah Conference: Canadian

- Medical History at the Millennium: Past Accomplishments, Future Directions, in Honour of Dr. Charles G. Roland, York University, Toronto, November 5-6, 1999.
- 1999 **Book:** *A Circle of Care: St. Mary's General Hospital: 75 Years of Caring* (Kitchener: St. Mary's General Hospital, 1999) ([read the full book](#))
- 1998 **Conference Paper:** "Birth of a Mission: The Origins of St. Mary's General Hospital, Kitchener, 1916-1924," Annual Meeting, Canadian Society for the History of Medicine, Ottawa, May 30, 1998
- 1998 **Invited Lecture:** "The Middle Class Plague: The Great Toronto Polio Epidemic of 1937," Toronto's Medical History lecture series, Heritage Toronto, May 14, 1998
- 1998 **Guest:** Discussing the Toronto Polio Epidemic of 1937," "Metro Morning," CBC Radio One, Toronto, May 12, 1998
- 1997 **Conference Paper:** "The Grim Terror! The History of Polio in Canada," '97 International Post Polio Conference, Calgary, AB, September 28 - October 2, 1997
- 1997 **Invited Lecture:** "Birth of a Hospital: Father Albert Zinger and the Origins of St Mary's General Hospital, 1916-1924," presented to St Mary's General Hospital Volunteers Association, Kitchener, ON, September 23, 1997
- 1997 **Article:** "Dr. Robert Davies Defries (1889-1975): Canada's 'Mr. Public Health,'" in L.N. Magner (ed.), *Doctors, Nurses and Practitioners* (Westport, CN.: Greenwood Press, 1997), p. 62-69 ([copy of article](#))
- 1997 **Article:** "Made in Canada (Connaught and World Health)," *Conntact* (Employee News of Pasteur Mérieux Connaught Canada) (March 1997)
- 1997 **Invited Lecture:** "Politics, Public Pressure and Public Health: The Ethics of Polio Vaccines," Medical Ethics in History Seminar Series, Hannah Chair for the History of Medicine, University of Ottawa, March 14, 1997
- 1996 **Article:** "The Middle Class Plague: Epidemic Polio and the Canadian State, 1936-1937," *Canadian Bulletin of Medical History*, 13 (1996): 277-314 ([pdf of article](#))
- 1996 **Article:** "Connaught and the History of Modern Pertussis Vaccines," *Conntact* (November 1996) ([pdf of article](#))
- 1996 **Article:** "Connaught and the Story of Heparin, 1928-1937," *Conntact* (August 1996) ([copy of article](#))
- 1996 **Article:** "Connaught and the Canadian Polio Story," *Conntact* (June 1996) ([copy of article](#))
- 1996: **Conference Paper:** "Connaught Laboratories, Veterinary Medicine and Public Health: A Brief Overview of an Intimate History," Panel Discussion, "An Introduction to Animal Medicine's Role in the History of Human Health," Annual Meeting, Canadian Society for the History of Medicine, St. Catherine's, ON, June 2, 1996
- 1996 **Conference Paper:** "From Salk to Sabin: Field 'Demonstrations' and the Canadian Introduction of the Sabin Polio Vaccine, 1958-1952," Annual Meeting, Canadian Society for the History of Medicine, St. Catherines, May 31, 1996

- 1996 **Conference Paper:** "Salk vs Sabin: The Great Polio Vaccine Debate: Legal Liability, Informed Consent and American Public Health Policy, 1955-1995," Annual Meeting, American Association for the History of Medicine, Buffalo, NY, May 11, 1996
- 1996 **Article:** "Pasteur Mérieux Connaught: Our Shared Heritage," *Conntact* (April 1996) ([pdf of article](#))
- 1996 **Article:** "Connaught and the Defeat of Diphtheria," *Conntact* (February 1996) ([pdf of article](#))
- 1995 **Article:** "Sifting Proteins: Connaught and the Discovery of Starch-Gel Electrophoresis," *Conntact* (December 1995) ([pdf of article](#))
- 1995 **Article:** "Dr. Robert D. Defries (1889-1975): Canada's 'Mr. Public Health,'" *Conntact* (October 1995) ([pdf of article](#))
- 1995 **Keynote Addresses:** "The Grim Terror! Canada, The March of Dimes, and the Control of Polio," Easter Seals /March of Dimes National Council Annual Meeting, Toronto, January 13, 1996; Ontario March of Dimes Annual General Meeting, Toronto, September 23, 1995
- 1995 **Lecture:** "Polio and its Echoes: Historical Perspectives on a Continuing Challenge," St. Peter's Hospital, Hamilton, ON, May 26, 1995
- 1995 **Conference Paper:** "The March Across the Border: The Canadian Foundation for Poliomyelitis and the Politics of the March of Dimes, 1945-1951," paper presented, Annual Meeting American Association for the History of Medicine, Pittsburgh, PA, May 1995
- 1995 **Guest:** "Morningside," 40th Anniversary of Salk polio vaccine, April 12, 1995, CBC Radio
- 1994 **Article:** "40 Years of Polio Prevention!: Canada and the Great Salk Vaccine Trial of 1954-55," *Abilities* #19 (Summer 1994): 26, 28 ([copy of article](#))
- 1994 **Article:** "Helpless: The 1951 Ontario Polio Outbreak - The Neil Young Case" in A. Jenkins (ed.), *Neil Young and Broken Arrow: On a Journey Through the Past* (Mid Glamorgan, Wales: Neil Young Appreciation Society, 1994), p. 95-112
- 1993 **Invited Lecture:** "The Canadian Connection: Polio Epidemics, Connaught Laboratories and the Salk Vaccine, 1927-1955," McMaster University, Hamilton, November 1993
- 1993 **Conference Papers:** "The Canadian Connection: Poliomyelitis Research, Connaught Laboratories and the Salk Vaccine, 1947-1955," Annual Meetings: Canadian Society for the History of Medicine, Ottawa, June 1993; American Association for the History of Medicine, Louisville, KY, May 1993
- 1992 **Book Review:** of *Activists and Advocates: Toronto's Health Department, 1883-1983* (Toronto: Dundurn Press, 1990), by Heather MacDougall, in *Scientia Canadensis* 16 (1992): 109-12
- 1991 **Conference Paper:** "Poliomyelitis, Physicians and the Popular Press in the Pre-Salk Era: The 1937 Toronto Epidemic," "7th Kingston Conference," Canadian Science and Technology Historical Association, Ottawa, October 1991
- 1991 **Conference Paper:** "Poliomyelitis, Physicians and the Popular Press in Early 20th-Century Ontario," Annual Meeting, Canadian Society for the History of Medicine, Kingston, May 1991

- 1989 **Article:** “Helpless: The 1951 Ontario Polio Outbreak - The Neil Young Case” *The Mirror* (University of Western Ontario Student History Journal) 9 (March 1989): 82-109 ([pdf of article](#))

## EDUCATION

- 1990-95 **Ph.D.** History, University of Toronto, Toronto, ON  
**Dissertation:** “‘Do Something! Do Anything!’ Poliomyelitis in Canada, 1927-1962”  
**Supervisor:** Michael Bliss, Department of History, University of Toronto  
**Major Field:** Canadian History  
**Specialization Field:** Canadian Medical History  
**Minor Fields:** History of Medicine; 16th Century British History
- 1989-90 **M.A.** History, University of Western Ontario, London, ON  
**Thesis:** “‘A Grim Terror More Menacing, More Sinister Than Death Itself’ Physicians, Poliomyelitis and the Popular Press in Early 20th Century Ontario”  
**Supervisor:** J.T.H. Connor, Department of History of Medicine and Science
- 1985-89 **Hon. B.A.** History of Science and History, Faculty of Science, University of Western Ontario, London, ON
- 1981-84 **Diploma,** Animation (Classical), Sheridan College, Oakville, ON

## REFERENCES

- Dr. Ross Upshur**, Head, Division of Clinical Public Health, Dalla Lana School of Public Health, University of Toronto  
 Phone: 416-978-6459 | Email: ross.upshur@gmail.com  
 - (2014-present) Academic sponsor for my Adjunct Professor appointment focused on integrating history and humanities in public health teaching and research into School
- Dr. Dion Neame**, Medical Head, Canada, Sanofi Pasteur Limited (Connaught Campus) Toronto  
 Phone: 416-667-2884 | Email: Dion.Neame@sanofi.com  
 - Manager of my history of vaccines and immunization policy projects
- Allison Reynolds**, Director, Communications, Sanofi Pasteur Limited (Connaught Campus), Toronto  
 Phone: 416-667-2955 | Email: Allison.Reynolds@sanofi.com  
 - Manager of my historical research, writing and consulting work for Sanofi Pasteur Limited (Connaught Campus), related to communications, archives management, Heritage Room
- Neil Orford**, Founder, President, Defining Moments Canada, Orangeville. ON  
 Phone: 519-217-0402 | Email: [neilorford@canhist.ca](mailto:neilorford@canhist.ca)  
 - Project leader of Defining Moments Canada’s “Insulin 100” national digital commemoration project for which I am Lead Historian (2020-2022) – <http://definingmomentscanada.ca>
- Dr. Rob Van Exan**. Director, Immunization Policy (retired), Sanofi Pasteur Limited (Connaught Campus), Toronto. He is currently an independent consultant on vaccines and immunization policy.  
 Phone: 905-716-5915 | Email: rvanexan@gmail.com  
 - (2002-2015) Manager of my historical research, writing and consulting work for Sanofi Pasteur Limited (Connaught Campus); product history research and writing and policy development