

Christopher J. Ruddy, Ph.D.

Curriculum Vitae – April 2023

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

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

ACADEMIC APPOINTMENTS, TEACHING & PROFESSIONAL EXPERIENCE (as Health Heritage Research Services (since 1995))

2023	Historical Researcher, Writer, Consultant: Documenting Canada's COVID-19 Vaccine Roll Out <ul style="list-style-type: none">National Research Council / Canadian Institute for Health Research (led by Roger Scott-Douglas and Vivek Goel).
2022-23	Historical Research, Writing, Consulting: Casual Academic Employment, Dalla Lana School of Public Health, University of Toronto <ul style="list-style-type: none">Leading DLSPH/University of Toronto Archives, Public Health History Archives Initiative: researching and engaging with potential donors of papers; writing profiles of donors of collections,<ul style="list-style-type: none">- "Out of the Archives: Public Health Siblings, Donald and Frieda Fraser," https://www.dlsph.utoronto.ca/2023/01/26/out-of-the-archives-frasers/Developing historical content for DLSPH website, exhibits
2018-23	Adjunct Professor , Division of Clinical Public Health, Dalla Lana School of Public Health, University of Toronto. <ul style="list-style-type: none">Reading Course: Developed DrPH Reading course (with Ross Upshur), "History of Pandemics & Epidemics for Public Health Leaders (first DrPH student, Zach Miller), 2022-23Guest Lecture: Fellowship in Global Journalism, March 10, 2021, "Making History Matter: Engaging Journalists in Public Health History."Contributed article to Royal Society of Canada's COVID-19 Task Force, Sept. 2020, "Canada's Vaccine(s) Legacy: Influenza, Polio, and COVID-19" - https://rsc-src.ca/en/voices/canada%E2%80%99s-vaccine-legacy-influenza-polio-covid-19-vaccines and https://www.theglobeandmail.com/opinion/article-canadas-vaccine-legacy-influenza-polio-and-covid-19/During the COVID-19 pandemic, responded to media inquiries re. historical perspectives on the pandemic, relating pandemic with influenza pandemics, polio epidemics, the development of vaccines, public health resistance, ie:<ul style="list-style-type: none">(Jan 27, 2021) "Vaccines: Making History" Raw Talk Podcast, Faculty of Medicine, University of Toronto, https://www.rawtalkpodcast.com/episode/89(Nov 29, 2020) https://www.thestar.com/news/gta/2020/11/29/making-a-vaccine-is-not-the-same-as-mass-producing-it-this-canadian-scientist-solved-the-problem-for-the-polio-vaccine-then-she-was-largely-forgotten.html

	<p>(Nov 28, 2020) "The Polio Parallel," W5, CTV-News, (video) https://www.youtube.com/watch?v=YU2d-1fjPt4&t=23s</p> <p>(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</p> <p>(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</p> <p>(July 31, 2020) https://www.nytimes.com/2020/07/31/world/canada/leone-farrell-chemist.html</p> <p>(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</p> <p>(May 4, 2020) https://omny.fm/shows/news-on-cjob/polio-panel</p> <p>(April 19, 2020) https://www.thestar.com/news/insight/2020/04/19/eighty-years-later-lessons-from-the-crippler.html</p> <p>(April 17, 2020) https://www.ctvnews.ca/health/coronavirus/looking-back-at-canada-s-polio-epidemic-through-a-covid-19-lens-1.4901831</p> <p>(April 2, 2020) https://www.cbc.ca/news/canada/nova-scotia/closures-equipment-shortages-and-insights-from-canada-s-polio-invasion-1.5517204</p> <p>(March 28, 2020) https://www.ctvnews.ca/video?clipId=1930364</p> <p>(March 12, 2020) https://www.iheartradio.ca/580-cfra/podcasts/listen-now-how-does-covid-19-compare-to-other-pandemics-1.10706826</p> <ul style="list-style-type: none"> • Contributed historical perspectives to several DLSPH-sponsored webinars during the pandemic, and to webinars focused on historical perspectives on vaccines. I.e.; <ul style="list-style-type: none"> (July 7, 2020) https://cshm-schm.ca/virtual-seminar-series-pandemic-histories-3rd-seminar-july-7th (view webinar) (June 29, 2020) https://cshm-schm.ca/the-second-wave-une-nouvelle-vague/ (view webinar) (April 2, 2020) Special DLSPH Event: Ethics of using restrictive measures in the control of infectious diseases, https://www.youtube.com/watch?v=W4rFSzXt4q0&t=1113s • 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 • Guest 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 / Sept. 22, 2021, http://healthheritageresearch.com/clients/DLSPH/TB-Course-History-Class-3-20210922/
2019-23	<p>Adjunct Professor, Centre For Vaccine Preventable Diseases, Dalla Lana School of Public Health, University of Toronto.</p> <ul style="list-style-type: none"> • 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)
2022-23	<p>Adjunct Professor, Institute for Pandemics, Dalla Lana School of Public Health, University of Toronto.</p>

1995 - 2023	<p>Historical Research, Writing, Consulting, Archival Management</p> <p>Sanofi Canada (Sanofi Vaccines Toronto) Toronto, ON (formerly Sanofi Pasteur; Aventis Pasteur; Pasteur Mérieux Connaught; Connaught Laboratories Ltd; Connaught Medical Research Laboratories, University of Toronto);</p> <ul style="list-style-type: none"> Working with various departments, esp. Communications, Medical Affairs, as well as Materials Management; Library Services, Marketing, Human Resources, Quality Assurance, Industrial Operations, Facilities Management, General Medicines, Global Vaccine Advocacy <p>- Historical research, writing and consulting on the development, production, and evaluation of vaccines, such as polio, pertussis, smallpox, diphtheria, influenza, tetanus, rabies, and other biological products, including insulin, heparin, penicillin, and Tuberculin PPD, for reports, presentations, exhibits, online content, and published articles</p> <p>- Preparing regular series of Our Heritage/Our History articles for Sanofi Toronto eBulletin: examples here (2020-22),</p> <p>- 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, and curation of Heritage Room and conducting regular heritage tours for new employees and site visitors. Photos of the Heritage Room; new panels added in 2018 (photos)</p> <p>- Cataloguing and management of archival documents and artifacts and digitization of archival photos, slides and moving images (film/ video)</p> <p>- Facilitating the application of archival images and other items internally and for external clients, the media, government, and individuals</p> <p>- Content development for Sanofi Pasteur Canada Centenary Facebook page http://facebook.com/SanofiPasteurCanada100</p> <p>- Content development (research, writing, archival image, video, and document curating) of “The Legacy Project” website, launched January 2016: http://thelegacyproject.ca</p> <p>- 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)</p>
2019 -23	<p>Researcher, Writer: Canadian Encyclopedia; Historica Canada; Prepared invited articles, https://www.thecanadianencyclopedia.ca/en/author/christopher-j-rutty</p> <ul style="list-style-type: none"> (March 2023) https://www.thecanadianencyclopedia.ca/en/article/canadian-lipid-nanoparticle-research-the-key-to-covid-19-mrna-vaccines (Feb. 2023) https://www.thecanadianencyclopedia.ca/en/article/public-health (April 2022) https://www.thecanadianencyclopedia.ca/en/article/covid-19-vaccines (March 2022) https://www.thecanadianencyclopedia.ca/en/article/covid-19-pandemic (March 2021) https://www.thecanadianencyclopedia.ca/en/article/leone-norwood-farrell (Aug 2019) https://www.thecanadianencyclopedia.ca/en/article/canada-and-the-development-of-the-polio-vaccine
2018 -22	<p>Historical Research, Writing: Defining Moments Canada; http://definingmomentscanada.ca</p> <ul style="list-style-type: none"> (2022) Bryce Report @100; I prepared two articles: https://definingmomentscanada.ca/bryce100/bryce-public-health-pioneer/ and https://definingmomentscanada.ca/bryce100/the-good-doctor/ (2020-22) Insulin 100 (Lead Historian), National digital commemoration; I prepared almost all the articles on this page: https://definingmomentscanada.ca/insulin100/history/ and supplementary articles for

	<p>featured episodes of “Life and Times of Sir Frederick Banting”, https://definingmomentscanada.ca/insulin100/podcast/</p> <ul style="list-style-type: none"> • (2018) 1918 Influenza Pandemic: contributed article: The Spanish Flu and Canadian Influenza Vaccine Initiatives by Christopher Rutty
2022	<p>Historical Research, Writing, Consulting: Sansum Diabetes Research Institute, Santa Barbara Calif.</p> <ul style="list-style-type: none"> • Prepared content for historical panels, and for article, “Dr. William D. Sansum & Santa Barbara’s ‘Insulin Era’, 1920-1925,” https://sansum.org/insulin-era/
2021-22	<p>Historical Research, Writing, Consultation, Event Organization: Toronto Medical Historical Club; “Banting, Bliss, and Beyond: Insulin 100, A Century of Science and Care” (May 3, 2022) and “J.J.R. Macleod, Co-discoverer of Insulin: An historical workshop” (May 4, 2022), held at University of Toronto (and online), http://www.torontomedicalhistoricalclub.ca/2022/05/04/247/; I contributed two presentations, which are available online:</p> <ul style="list-style-type: none"> • ““It works! Now what? Insulin development, production and distribution at Connaught Laboratories, University of Toronto” (video) https://www.youtube.com/watch?v=TmDpV0G1NA&t=22s • ““I was only an impresario — the managing director”: J.J.R. Macleod and the pragmatics of the discovery and development of insulin” (video) https://www.youtube.com/watch?v=IQIAEtHZdcw
2022	<p>Researcher, Writer, Presentation: Yorkminster Park Baptist Church, Toronto, Speaker Series: The COVID-19 Pandemic in Perspective; Two Years On,” March 4, 2022,</p> <ul style="list-style-type: none"> • “Making History Matter: Shifting Perspectives on COVID-19” (video) https://vimeo.com/685015412
2022	<p>Researcher, Writer, Presentation: Novo Nordisk Canada: National Virtual Event for Endocrinologists, Feb. 24, 2022,</p> <ul style="list-style-type: none"> • ““It Works! Now What?’ Making, Managing, and Living With Insulin in 1922,” https://www.dropbox.com/s/eyzs7wb8hn1m775/novo_nordisk-100_years_insulin-feb2022-trimmed.mp4.mov%20%281080p%29.mp4?dl=0
2022	<p>Guest Interview: Old School Stories, University of Toronto, Ep. 3,</p> <ul style="list-style-type: none"> • “The Artist Behind Insulin” (video) https://www.youtube.com/watch?v=tkDayztKJ94
2021	<p>Researcher, Writer, Presentation: Meeting of History Fellows, Faculty of History & Philosophy of Medicine and Pharmacy at Society of Apothecaries in London, UK, Dec. 8, 2021,</p> <ul style="list-style-type: none"> • ““It Works! Now What?’ Insulin Development, Production & Distribution in Canada & Beyond, 1922-1924,” https://www.dropbox.com/s/u97xvouy3p2c0uy/Rutty-CJ-DevelProducDistribInsulinFromCanada-SocietyApothecariesLondonUK-20211208.pdf?dl=0
2021	<p>Researcher, Writer, Presentation: Hastings County Historical Society & Belleville Public Library Meeting, Nov. 24, 2021,</p> <ul style="list-style-type: none"> • ““It Works! Now What?’ J.B. Collip and the Discovery & Development of Insulin” (video) https://www.youtube.com/watch?v=CWBA8_tmgD8
2021	<p>Researcher, Writer, Presentation: University of Kentucky Bioethics Program, Research Ethics Lecture Series, Nov. 18, 2021,</p> <ul style="list-style-type: none"> • ““It Works! Now What?’ 100 Years of Insulin – And a Century of Ethical Issues,” https://www.dropbox.com/s/vhltlkumhyeswds/Rutty-CJ-ResearchEthicsLect-UKentucky-100YearsInsulinEthicsIssues-20211118.pdf?dl=0

2021	Researcher, Writer, Presentation: Dr. J.B. Collip Monument Events, Belleville, ON, Oct. 16, 2021, <ul style="list-style-type: none"> “It Works! Now What?’ Establishing Insulin Production at Connaught Laboratories, University of Toronto, 1922-1927” (video) http://www.torontomedicalhistoricalclub.ca/2021/10/17/belleville-honours-j-b-collip/
2021	Researcher, Writer, Presentation: Endocrine Ethics Association Inaugural Conference, Sept. 18, 2021, <ul style="list-style-type: none"> “It Works! Now What?’ 100 Years of Insulin – And a Century of Ethical Issues”
2021	Researcher, Writer, Presentation: IUPAC I CCCE Chemistry for Society Symposium: Celebrating 100 Years of Insulin: Preserving and Sharing the Memory of Chemical Past, Aug. 16, 2021, <ul style="list-style-type: none"> “It Works! Now What?’ Establishing Insulin Production at Connaught Laboratories, University of Toronto, 1922-1927.”
2021	Research, Writer: Canada’s History Magazine, Invited article, “After the Pandemic” (June-July 2021), https://www.canadashistory.ca/explore/science-technology/after-the-pandemic
2020-21	Researcher & Consultant, Historica Canada <ul style="list-style-type: none"> Heritage Minute development, Insulin 100th story, https://www.utoronto.ca/news/heritage-minute-showcases-life-saving-impact-u-t-s-insulin-discovery
2021	Research, Writing, Presentation: Peking University Insulin 100 th Diabetes Forum, May 15, 2021, <ul style="list-style-type: none"> “The Discovery of Insulin: Toronto’s Gift to the World”
2020	Research, Writing, Presentation: Emirates Diabetes Association, Insulin 100 th Webinar, Nov. 14, 2020, <ul style="list-style-type: none"> “The Discovery of Insulin: What is the Definitive History?”
2018-19	Researcher & Writer for Website Content: Office of Research & Innovation; Connaught Fund, University of Toronto <ul style="list-style-type: none"> Preparing a series of 12 articles for the Connaught Fund webpage - http://connaught.research.utoronto.ca/ - focused on 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 series is posted at http://connaught.research.utoronto.ca/history/
2018	Researcher, Writer, Curator: Dalla Lana School of Public Health, University of Toronto <ul style="list-style-type: none"> “A Century of Building a School of Public Health” Timeline Wall panel installed on 5th floor – (Photos) Curated Archival Displays for DLSPH 6th Floor Lobby; (Photos of displays)
2017	Course Development & Lecturer: Living & Learning in Retirement, Toronto – http://llir.com <ul style="list-style-type: none"> 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/

2015 -16	Research, Consulting and Archival Management: Sanofi Pasteur US (Swiftwater Campus), Swiftwater, PA, Communications <ul style="list-style-type: none"> Archival assessment, organization and historical consulting.
2015 -16	Historical Research and Writing: Public Health & Preventive Medicine Residency Program, University of Toronto <ul style="list-style-type: none"> Researching the history of the Public Health & Preventive Medicine Residency Program at the University of Toronto for its 40th anniversary in the context of the national development of the public health specialty since 1946. Prepared presentation (and historical content for program) for PHPM 40th 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 <ul style="list-style-type: none"> Researching the history of the Canadian health care system, evolution of disease profile and disease treatment, focusing on New Brunswick
2014 -17	Adjunct Lecturer, Division of Clinical Public Health, Dalla Lana School of Public Health, University of Toronto.
2014 -15	Researcher, Writer: Public Health Ontario, Toronto, ON. <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 6th floor of DLSPH in 2018 (Photos)
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," <ul style="list-style-type: none"> Mounted at University of Toronto during 2013, 2014 and 2015 Science Rendezvous events; at Sanofi Pasteur Canada 100th 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; <ul style="list-style-type: none"> - 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
2013 -14	Researcher, Writer, Exhibit Curator: Museum of Health Care, Kingston, ON

	<ul style="list-style-type: none"> • “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, <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • “University of Toronto Medicine: Student Life & Medical Innovation, A Historical Showcase” - Historical Panels, Medical Sciences Lobby – https://www.dropbox.com/scl/fo/ck24ahvh6me1rbythh8nk/h?dl=0&rlkey=x2wso5nrc6jk32jny1ab3gsjh
2011	Researcher, Writer, Historical Consultant, Curator: University of Toronto, Faculty of Medicine <ul style="list-style-type: none"> • “Insulin: Toronto’s Gift to the World” - multimedia exhibit on permanent display at MaRS Centre, Toronto – https://www.dropbox.com/scl/fo/1aql0sgtfoy16yqnafmeo/h?dl=0&rlkey=1o8toaeyr9uioerdthcj4b4xo
2010-11	Health Researcher, Writer, Consultant: Self-Care Catalysts Inc. – http://selfcarecatalysts.com <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Research and writing of eBook for 100th anniversary of CPHA, <i>This is Public Health: A Canadian History</i>, https://cpha.ca/sites/default/files/assets/history/book/history-book-print_all_e.pdf
2009	Researcher, Writer, Historical Consultant: Dalla Lana School of Public Health, University of Toronto <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Research and writing of book manuscript for 100th anniversary of CNA; published in 2014 as <i>Canadian Nurses Association: One Hundred Years of Service, 1908-2008</i>, https://www.cna-aiic.ca/viewdocument/cna-centennial-history-book
2007-08	Researcher, Writer, Historical Consultant: Public Health Agency of Canada

	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Prepared "Banting and Best Discover Insulin," "Bioinformatics," "Pioneer Cytogeneticist," "Immunologist," articles published in Don Galbraith <i>et al.</i>, <i>Biology 11</i> (McGraw-Hill Ryerson, 2001)
1999	Researcher & Historical Consultant: Dr. Christianne Sinding, Centre de Recherche Médecine, Sciences, Santé et Société, Paris, France <ul style="list-style-type: none"> Collected archival and secondary materials related to the history of insulin
1999	Researcher & Historical Consultant: Mackay Memorial Hospital, Taipei, Taiwan <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> "Dr. James Kenneth Wallace Ferguson: Practical Doctor, Protector of Health & International Idealist, 1907 – 1999," private essay for family, https://www.dropbox.com/s/3yv1910al8wspka/Ferguson-JKW-bio-paper-to1955-1990827-RutyCJ.pdf?dl=0 "'I'd Rather Burn Out Than Rust Out:' James Young Ferguson, Hospital Building and Missionary Medicine in Formosa, 1905-1922," private essay for family, https://www.dropbox.com/s/z64ubom61ty1z6i/Ferguson-JY-990304-RutyCJ.pdf?dl=0
1998-99	Researcher & Historical Consultant: Professor P.M.H. Mazumdar, Institute for the History & Philosophy of Science & Technology, University of Toronto, Toronto, ON <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Biographical Research on Dr. E.W. McHenry (1899-1961) Researched popular representations of the Discovery of Insulin

1998	Researcher and Historical Consultant: Sault Area Hospitals, Sault Ste. Marie, ON <ul style="list-style-type: none"> Conducted primary archival research for the 100th anniversary history of Sault Ste. Marie General Hospital, <i>Ask the Grey Sisters: Sault Ste. Marie and the General Hospital, 1898-1998</i> (Toronto: Dundurn Press, 1998), by Elizabeth Isles
1997-99	Researcher, Author, Historical Consultant: St. Mary's General Hospital, Kitchener, ON <ul style="list-style-type: none"> <i>A Circle of Care: St. Mary's General Hospital: 75 Years of Caring</i> (Kitchener, St. Mary's General Hospital, 1999) pdf of book uploaded here
1997	Bibliographic Researcher: Dr. Charles G. Roland, Hannah Chair for the History of Medicine, McMaster University, Hamilton, ON <ul style="list-style-type: none"> Literature search of recent Canadian medical history publications for <i>Secondary Sources in the History of Canadian Medicine: A Bibliography, Second Edition</i>
1997	Writer: Ken Eklund Communications, San Jose, CA <ul style="list-style-type: none"> Prepared summary of polio history for "Arctica" Science Mystery Online: www.accessexcellence.org/arc/
1996-97	Biographical Researcher and Writer: Canadian Medical Hall of Fame, London, ON <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Conducted primary research and assisted with manuscript revisions for book, <i>An Element of Hope: Radium and the Response to Cancer in Canada, 1900-1940</i> (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 <ul style="list-style-type: none"> 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 (summer sessions) <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Surveyed Canadian pharmaceutical and related companies and volunteer health organizations about their archival collections
1993	Researcher, Consultant: CBC Television, William Cobban, Producer <ul style="list-style-type: none"> Collected material and advised on a polio history documentary, "Conquering the Crippler," "Prime Time News: Magazine," first aired Dec 7, 1993 – https://www.dropbox.com/s/ysxgi450xxmvemm/CBC-PrimeTimeNews-Conquering-the-Crippler%20-PolioVaccinestory-1993.avi?dl=0

1992-95	Teaching Assistant /Marker: Canadian History survey course, Dept. of History, University of Toronto, Michael Bliss, Supervisor <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Designed and led tutorials for undergraduate Canadian History survey courses Prepared essay and presentation topics and evaluated students

SELECTED PUBLICATIONS, PRESENTATIONS & MEDIA APPEARANCES

2023	Article: “Canadian Lipid Nanoparticle Research: The Key to COVID-19 mRNA Vaccines” for Canadian Encyclopedia (March 28, 2023), https://www.thecanadianencyclopedia.ca/en/article/canadian-lipid-nanoparticle-research-the-key-to-covid-19-mrna-vaccines
2023	Article: “Out of the Archives: Public Health Siblings, Donald and Frieda Fraser,” for Dalla Lana School of Public Health/ University of Toronto Archives, Public Health History Archives Project, https://www.dlsph.utoronto.ca/2023/01/26/out-of-the-archives-frasers/
2023	Article: “Public Health in Canada” (with Tabitha de Bruin) for Canadian Encyclopedia (Feb. 8, 2023), https://www.thecanadianencyclopedia.ca/en/article/public-health
2022-23	Articles: Defining Moments Canada, “Bryce Report @100” National Digital Commemoration: <ul style="list-style-type: none"> “Dr. Peter H. Bryce: Bold & Relentless Public Health Pioneer” https://definingmomentscanada.ca/bryce100/bryce-public-health-pioneer/ “‘The Good Doctor’: Peter H. Bryce, Education, Public Health & Family Legacies” https://definingmomentscanada.ca/bryce100/the-good-doctor/
2022	Book Review: <i>Be Wise! Be Healthy! Morality and Citizenship in Canadian Public Health Campaigns</i> . By Catherine Carstairs, Bethany Philpott & Sara Wilmshurst (Vancouver: UBC Press, 2018) in <i>Scientia Canadensis</i> 44 (1) (2022): 152, https://www.erudit.org/en/journals/scientia/2022-v44-n1-scientia07177/1098151ar/
2022	Interview Guest: “100 Years of Insulin: Special November 14 th Episode,” Life and Times of Sir Frederick Banting,” featured on Defining Moments Canada “Insulin 100” National Digital Commemoration, https://definingmomentscanada.ca/insulin100/podcast/100-years-of-insulin-special-november-14th-episode/
2022	Article: “It Works! Now What? Insulin Development, Production, and Distribution at Connaught Laboratories, University of Toronto, 1922-24,” <i>Canadian Journal of Health History</i> 39 (2) (2022): 419-50, https://www.utpjournals.press/doi/abs/10.3138/cjhh.2022-573-032022
2022	Presentation: “Polio and Its Echoes: Paralysis, Public Health, Prevention & Persistence in Ontario, 1910-2022,” for Cambridge North Rotary Club, Sept. 28, 2022, https://www.dropbox.com/scl/fi/0xad6qboizcl887py4u73/PolioOntario-RotaryCambridgeNorth-20220928.pptx?dl=0&rlkey=23sgqnw4hv6xbopgxjmrk4puu

2022	Article: “Dr. William D. Sansum and Santa Barbara’s ‘Insulin Era’, 1920-1925,” for Sansum Diabetes Research Institute, Santa Barbara, Calif., https://sansum.org/insulin-era/
2022	Presentation: “‘I was only an impresario — the managing director’: J.J.R. Macleod and the pragmatics of the discovery and development of insulin,” Toronto Medical Historical Club, “J.J.R. Macleod, Co-discoverer of Insulin: An historical workshop” (May 4, 2022), held at University of Toronto (and online) https://www.youtube.com/watch?v=IQIAEtHZdcw
2022	Presentation: “‘It works! Now what? Insulin development, production and distribution at Connaught Laboratories, University of Toronto” (video), Toronto Medical Historical Club; “Banting, Bliss, and Beyond: Insulin 100, A Century of Science and Care” Symposium, May 3, 2022, University of Toronto, https://www.youtube.com/watch?v=TmDpV0G1NA&t=22s
2022	Article: “COVID-19 Vaccines” for Canadian Encyclopedia (April 22, 2022), https://www.thecanadianencyclopedia.ca/en/article/covid-19-vaccines
2022	Article: “COVID-19 Pandemic in Canada” for Canadian Encyclopedia (March 2, 2022), https://www.thecanadianencyclopedia.ca/en/article/covid-19-pandemic
2022	Presentation: “Making History Matter: Shifting Perspectives on COVID-19” for Yorkminster Park Speakers Series: “The COVID-19 Pandemic in Perspective: Two Years On” March 4, 2022, https://www.yorkminsterpark.com/speakers-series/47/the-covid-19-pandemic-in-perspective-two-years-on/
2022	Article: “COVID-19 Pandemic in Canada” for Canadian Encyclopedia (March 2, 2022), https://www.thecanadianencyclopedia.ca/en/article/covid-19-pandemic
2022	Presentation: “‘It Works! Now What?’ Making, Managing, and Living With Insulin in 1922,” Novo Nordisk Canada: National Virtual Event for Endocrinologists, Feb. 24, 2022, https://www.dropbox.com/s/eyzs7wb8hn1m775/novo_nordisk-100_years_insulin-feb2022-trimmed.mp4.mov%20%281080p%29.mp4?dl=0
2021	Presentation: “‘It Works! Now What?’ Insulin Development, Production & Distribution in Canada & Beyond, 1922-1924,” Meeting of History Fellows, Faculty of History & Philosophy of Medicine and Pharmacy at Society of Apothecaries in London, UK, Dec. 8. 2021, https://www.dropbox.com/s/u97xvouy3p2c0uy/Rutty-CJ-DevelProducDistribInsulinFromCanada-SocietyApothecariesLondonUK-20211208.pdf?dl=0
2021	Presentation: “‘It Works! Now What?’ J.B. Collip and the Discovery & Development of Insulin,” Hastings County Historical Society & Belleville Public Library Meeting, Nov. 24, 2021, https://www.youtube.com/watch?v=CWBA8_tmgD8
2021	Presentation: “‘It Works! Now What?’ 100 Years of Insulin – And a Century of Ethical Issues,” University of Kentucky Bioethics Program, Research Ethics Lecture Series, Nov. 18, 2021, https://www.dropbox.com/s/vhltlkumhyeswds/Rutty-CJ-ResearchEthicsLect-UKentucky-100YearsInsulinEthicsIssues-20211118.pdf?dl=0
2021	Presentation: ‘It Works! Now What?’ Establishing Insulin Production at Connaught Laboratories, University of Toronto, 1922-1927,” Dr. J.B. Collip Monument Events, Belleville, ON, Oct. 16, 2021, http://www.torontomedicalhistoricalclub.ca/2021/10/17/belleville-honours-j-b-collip/

2021	Presentation / Seminar: "Tuberculosis in Canada: Historical Perspectives" for DLSPH CHL5631H, Integrating Public Health & Clinical Care: The Case of TB, Sept. 22, 2021, https://www.dropbox.com/s/fclyas3c7wx44l4/RuttyCJ-TBHistorySeminar-CHL5631H-PHC-TB-Class3-20210922.pdf?dl=0
2021	Presentation: "It Works! Now What?" 100 Years of Insulin – And a Century of Ethical Issues" Endocrine Ethics Association Inaugural Conference, Sept. 18, 2021, https://www.dropbox.com/s/n2asgrj36l19qa9/Rutty-CJ-EndocrineEthics-100YearsInsulinEthicsIssues-20210918.pdf?dl=0
2021	Presentation: "It Works! Now What?" Establishing Insulin Production at Connaught Laboratories, University of Toronto, 1922-1927," IUPAC I CCCE Chemistry for Society Symposium: Celebrating 100 Years of Insulin: Preserving and Sharing the Memory of Chemical Past, Aug. 16, 2021, https://www.dropbox.com/s/fnzudxym458qdj5/RuttyCJ-ID-790-ItWorksNowWhat-EstablishingInsulinProduction.mp4?dl=0
2021	Article: "After the Pandemic" <i>Canada's History Magazine</i> (June-July 2021), https://www.canadashistory.ca/explore/science-technology/after-the-pandemic
2021	Presentation: "The Discovery of Insulin: Toronto's Gift to the World," Peking University Insulin 100 th Diabetes Forum, May 15, 2021, https://www.dropbox.com/s/ojc0wzvgnkm1cd2/Rutty-CJ-InsulinDiscovery-Presentation-PekingUnivDieabetesForum-20210515-zoom_1.mp4?dl=0
2021	Presentation: "Canada and The Polio Vaccine Story," for Rotary Club of Burlington Lakeshore, April 27, 2021, https://www.dropbox.com/s/ljncj45wbw2aku4/Rutty-CJ-PolioVaccine-RotaryBurlingtonLakshore-20210427.pdf?dl=0 - https://www.youtube.com/watch?v=6jfv8ZDEfDA
2021	Lecture: "Making History Matter: Engaging Journalists in Public Health History," for Fellowship in Global Journalism class, Dalla Lana School of Public Health, March 10, 2021, https://www.dropbox.com/s/e2b9xmhr9nqlmao/PublicHealthHistoryJournalism-DLSPH-FellGlobalJournal-20210310.pdf?dl=0
2021	Article: "Leone Norwood Farrell" for Canadian Encyclopedia (March 18, 2021), https://www.thecanadianencyclopedia.ca/en/article/leone-norwood-farrell
2021	Presentation: "Canada & The Polio Vaccine Story" for Rotary Club of Milton," March 1, 2021, https://www.youtube.com/watch?v=QmrWQ5yLuZo
2021	Presentation: "Paralytic Perspectives: Canada, The Polio Years & COVID-19 Connections," for CHS Bold Ideas Colloquium Series, University of Manitoba, Feb. 24, 2021, http://healthheritageresearch.com/clients/docs/Polio/Bold-Ideas-UManitoba-PolioCOVID19-20210224/Rutty-CJ-BoldIdeas-UMan-PolioHistoryCOVID19-20210224.pdf
2020-22	Article Series: Defining Moments Canada "Insulin 100" National Digital Commemoration (posted September 2020 to October 2022): <ul style="list-style-type: none"> • "Diabetes before 1920" https://definingmomentscanada.ca/insulin100/history/context/ • "Convincing Macleod" https://definingmomentscanada.ca/insulin100/history/convincing-macleod/

- “Banting & Best: Progress and Uncertainty in the Lab”
<https://definingmomentscanada.ca/insulin100/history/banting-best-progress-and-uncertainty-in-the-lab/>
- “It works! Now what?” <https://definingmomentscanada.ca/insulin100/history/it-works-now-what/>
- “The Discovery Goes Public”
<https://definingmomentscanada.ca/insulin100/history/the-discovery-goes-public/>
- “History of Connaught”
<https://definingmomentscanada.ca/insulin100/history/connaught/>
- “Making Insulin, Part 1”
<https://definingmomentscanada.ca/insulin100/history/making-insulin/>
- “Diabetic Resurrections”
<https://definingmomentscanada.ca/insulin100/history/diabetic-resurrections/>
- “Patent Protection” <https://definingmomentscanada.ca/insulin100/history/patent-protection/>
- “Eli Lilly” <https://definingmomentscanada.ca/insulin100/history/eli-lilly/>
- “Making Insulin, Part 2”
<https://definingmomentscanada.ca/insulin100/history/making-insulin-part-two/>
- “Novo Nordisk” <https://definingmomentscanada.ca/insulin100/history/novo-nordisk/>
- “Nobel Prize: Canada’s Gift to the World”
<https://definingmomentscanada.ca/insulin100/history/nobel-prize-canadas-gift-to-the-world/>
- “Better Insulin: Nothing Better Than Insulin”
<https://definingmomentscanada.ca/insulin100/history/better-insulin-nothing-better-than-insulin/>
- “History of the History of the Discovery of Insulin”
<https://definingmomentscanada.ca/insulin100/history/history-of-the-history-of-the-discovery-of-insulin/>
- “Insulin Research & Innovation Legacies: Institution Building”
<https://definingmomentscanada.ca/insulin100/history/insulin-research-innovation-legacies-institution-building/>
- “Insulin Research & Innovation Legacies: Medical Research Missions”
<https://definingmomentscanada.ca/insulin100/history/insulin-research-innovation-legacies-medical-research-missions/>
- “Insulin Research & Innovation Legacies: The Best in Biotechnology”
<https://definingmomentscanada.ca/insulin100/history/insulin-research-innovation-legacies-the-best-in-biotechnology/>
- “Profiles, Before and After Insulin: John James Rickard Macleod (1876-1935)”
<https://definingmomentscanada.ca/insulin100/history/profiles-before-and-after-insulin-john-james-rickard-macleod-1876-1935/>
- “Profiles, Before and After Insulin: Charles Herbert Best (1899-1978)”
<https://definingmomentscanada.ca/insulin100/history/profiles-before-and-after-insulin-charles-herbert-best-1899-1978/>
- “Elizabeth Hughes: Letters from Toronto”
<https://definingmomentscanada.ca/insulin100/history/elizabeth-hughes-letters-from-toronto/>
- “Tracing the Spread of Insulin”
<https://definingmomentscanada.ca/insulin100/history/tracing-the-spread-of-insulin/>
- “Jennie Victoria Jordan: Banting’s Diabetic Muse” – supplement to:
<https://definingmomentscanada.ca/insulin100/podcast/episode-1-growing-up-on-a-farm/>

	<ul style="list-style-type: none"> • “Banting House: The Making of a Museum” – supplement to: https://definingmomentscanada.ca/insulin100/podcast/episodes-4-and-5-freds-idea-and-eureka/ • “The Medical Building Story” – supplement to: https://definingmomentscanada.ca/insulin100/podcast/episodes-4-and-5-freds-idea-and-eureka/ • “Elizabeth Hughes: Living with Insulin” – supplement to: https://definingmomentscanada.ca/insulin100/podcast/episode-9-the-insulin-famine/ • “Dr. John G. FitzGerald: Friend, Facilitator and ‘Fifth Beatle’” – supplement to: https://definingmomentscanada.ca/insulin100/podcast/episode-9-the-insulin-famine/ • “No Place Like Home: The Banting Homestead Story” – supplement to: https://definingmomentscanada.ca/insulin100/podcast/episode-10-awards-honours-and-nobel-prize/
2020	Article: (co-author with Katherine Badertscher) “Insulin at 100: Indianapolis, Toronto, Woods Hole, and the ‘Insulin Road,’” <i>Pharmacy in History</i> 62 (3 and 4) (2020): 87-111, https://journals.scholarsportal.info/details/00317047/v62i3-4/87_ia1itwhatr.xml
2020	Presentation: “Canada and The Polio Vaccine Story,” for Rotary Club of Burlington North, Dec. 11, 2020.
2020	Presentation: “Polio Echoes” for March of Dimes Canada, Polio Virtual Support Group, Dec. 2, 2020, http://healthheritageresearch.com/clients/docs/MarchDimesCanada-PolioSupportGroup/Rutty-CJ-PolioCanada-PolioHistoryCan-20201202.pdf
2020	TV Interview: “Power and Politics” CBC News, “Why Can’t Canada manufacture COVID-19 vaccines?” Nov. 25, 2020, https://www.youtube.com/watch?v=RNqvClcfWY8&t=2s
2020	Presentation: “The Discovery of Insulin: What is the Definitive History?” Emirates Diabetes Association, Insulin 100 th Webinar, Nov. 14, 2020, http://healthheritageresearch.com/clients/docs/Insulin/Emirates-Diabetes-Society/Rutty-CJ-UEA-DiabetesSoc-InsulinHistory-Webinar-20201114.pdf
2020	Presentation: “The Middle-Class Plague: Canada, the Polio Years & COVID-19 Links,” for Rotary Club of Guelph Trillium, Oct. 21, 2020
2020	Video Interview: Pandemic Pedagogy with Samantha Cutrara; How do we teach history during COVID-19?, October 14, 2020, https://www.youtube.com/watch?v=Avca6laZiDo
2020	Presentation / Seminar: “Tuberculosis in Canada: Historical Perspectives” for DLSPH CHL5631H, Integrating Public Health & Clinical Care: The Case of TB, Sept. 23, 2020
2020	Article: “Canada’s Vaccine Legacy: Influenza, Polio and COVID-19,” <i>Globe & Mail</i> , Sept. 14, 2020 (view article)
2020	Article: “Canada’s Vaccine(s) Legacy: Influenza, Polio, and COVID-19” for Royal Society of Canada’s COVID-19 Task Force, Sept. 2020, https://rsc-src.ca/en/voices/canada%E2%80%99s-vaccine-legacy-influenza-polio-covid-19-vaccines
2020	Presentation: “Paralytic Perspectives: Canada, The Polio Years & COVID-19 Connections,” for March of Dimes Canada, Polio Virtual Support Group, July 29, 2020, http://healthheritageresearch.com/clients/docs/MarchDimesCanada-PolioSupportGroup/PolioCanada-PolioHistoryCan-20200729.pdf

2020	Presentation: "Emergency Responses: Canada's Vaccine Legacy: Influenza, Polio & COVID-19 Vaccine(s)," for Canadian Society for the History of Medicine: Pandemic Histories Series; "Vaccine Viewpoints: From Polio to Pandemic Influenza," July 7, 2020, https://www.youtube.com/playlist?list=PLWY8HmZjALLuMnhOwALDIaVA4xLhASldW
2020	Book Chapter: "Rabies Vaccines in Canada: Domestic Animal Vaccines," in David J. Gregory and Rowland Tinline (eds), <i>Taking the Bite Out of Rabies: The Evolution of Rabies Management in Canada</i> (Toronto: University of Toronto Press, July 2020), https://utorontopress.com/9781487504281/taking-the-bite-out-of-rabies/
2020	Webinar Participant: "Second Wave? Looking ahead to this fall through the lens of history and science," Ingenium, University of Ottawa, Royal Society of Canada, Canadian Society for the History of Medicine, June 29, 2020, https://www.youtube.com/watch?v=pdGdINX22Bg&t=1168s
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	Presentation: "The Middle-Class Plague: Canada & The Polio Years," for Toronto Twilight Rotary Club, Dec. 18, 2019
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" for DLSPH CHL5631H, Integrating Public Health & Clinical Care: The Case of TB, Sept. 25, 2019
2019	Article: "Canada and the Development of the Polio Vaccine" for Canadian Encyclopedia; posted August 2019, https://www.thecanadianencyclopedia.ca/en/article/canada-and-the-development-of-the-polio-vaccine
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	Presentation: "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" 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"

	<p>#4: "A Relentless Pace: Connaught Labs, Insulin Innovation, School Building & Defeating Diphtheria, 1923-29"</p> <p>#5: "From Insulin to Heparin: Innovation at Connaught Labs During the 1930s"</p> <p>#6: "Connaught Labs, World War II & Biotech Innovation"</p> <p>#7: "Connaught Labs, Polio Research & Conquering 'The Crippler'"</p> <p>#8: "From Salk to Sabin: Persistent Polio and Vaccine Innovation at Connaught Labs, 1955-1962"</p> <p>#9: "Connaught Labs, Smallpox & Stopping 'The Speckled Monster'"</p> <p>#10: "Connaught Labs, Persistent Pertussis & Bacterial Vaccines Improvement"</p> <p>#11: Precision Innovations: Rabies Vaccines, Tuberculin PPD & Sulphated Insulin at Connaught Labs, 1958-1970"</p> <p>#12: "The Limits of Growth: Connaught Labs & University of Toronto, 1966-1972"</p>
2018	Article: "The Spanish Flu and Canadian Influenza Vaccine Initiatives," for Defining Moments Canada "1918 Influenza Pandemic" Commemoration, Essays & Articles page, (view article)
2018	Presentation: "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," <i>Canada's History</i> (Formerly <i>The Beaver</i>) (Feb-March 2018): 30-37 - https://www.canadashistory.ca/explore/first-nations-inuit-metis/mercy-mission
2017	<p>Course Lectures: "Milestones in Public Health & Biotechnology: Canadian Connections", 10 lectures, Living & Learning in Retirement, Toronto, Sept.-Nov, 2017; Lecture slide sets available at: http://healthheritageresearch.com/clients/LLiR/</p> <ul style="list-style-type: none"> • 1) "Preludes in Canadian Public Health" • 2) "Plagues & Pioneers (1910-19)" • 3) "Defeating Diphtheria, Preventing Pertussis, Taming TB & Facing Polio (1920s-30s)" • 4) "From Insulin to Heparin (1920s-30s)" • 5) "War Work: From Dried Blood to Penicillin, to Post-War Progress (1940s)" • 6) "Polio: Conquering the Crippler (1950s-60s)" • 7) "Smallpox: Eradicating 'The Speckled Monster' (1960s-70s)" • 8) "Transformations & Shifting Targets (1970s-80s)" • 9) "New Threats & Strategies: From AIDS to SARS (1980s-2000s)" • 10) "Legacies & Challenges"
2017	Article: "The Speckled Monster," <i>Reader's Digest Canada</i> (May 2017): 62-67 (read pdf of article); "digested" from "A Pox On Our Nation", <i>Canada's History Magazine</i> (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	Presentation: "The Middle Class Plague: Canada and The Polio Years," 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," <i>U of T Medicine Magazine</i> , Winter 2017, https://uoftmedmagazine.utoronto.ca/2017/winter/
2016	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 th Anniversary event, June 16, 2016, University of Toronto; adapted historical content for event Program (view presentation and program)
2016	Presentation: "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?" <i>The Voice: Newsletter of the United Senior Citizens of Ontario</i> (November 2015)
2015	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	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	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	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," <i>Canada's History</i> (Formerly <i>The Beaver</i>) (Feb-March 2015): 28-35 - https://www.canadashistory.ca/explore/science-technology/a-pox-on-our-nation
2014	Presentation: "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	Presentations 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, <i>Canadian Nurses Association: One Hundred Years of Service, 1908-2008</i> (Ottawa: CAN, 2014), https://www.cna-aiic.ca/viewdocument/cna-centennial-history-book
2013	Presentation: "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	Presentation: "Public Health, Vaccines and Medical History in the G.T.H.A." McMaster University Medicine Professional Competencies Session, October 22, 2013
2013	Presentation: "Hamilton Slays a Dragon: Defeating Diphtheria in Hamilton" for 'The Plagues and Peoples of Hamilton' course, McMaster Discovery Program, Sept. 21, 2013
2012	Presentation: "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	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	Presentation: "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, <i>This Is Public Health: A Canadian History (1867-1986)</i> (Ottawa: Canadian Public Health Association, 2010), https://cpha.ca/sites/default/files/assets/history/book/history-book-print_all_e.pdf
2008	Article: "'Couldn't Live Without It': Diabetes, the Costs of Innovation and the Price of Insulin in Canada, 1922-1984," <i>Canadian Bulletin of Medical History</i> 25 (2008): 407-31 (pdf of article)
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.) <i>Crafting Immunity: Working Histories of Clinical Immunology</i> (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.) <i>Figuring the Social: Essays in Honour of Michael Bliss</i> (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," <i>Biologicals</i> 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 <i>Polio and its Aftermath: The Paralysis of Culture</i> (Cambridge: Harvard University Press, 2005), <i>Journal of the History of Medicine</i> 61 (2006): 232-34 (copy available at healthheritageresearch.com)
2005	Presentation: "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 th Gold Lecture, Toronto Academy of Medicine, Toronto, November 28, 2005
2005	Presentation: "Pertussis and Combination Vaccines in Canada: A Century of Progress," Connaught Retiree's Association, Sanofi Pasteur Limited, Toronto, November 15, 2005
2005	Presentation: "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," <i>Ars Medica</i> Vol. 1, No. 2 (Spring 2005): 60-73 (pdf of article)
2005	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	Presentation: "The Story of Polio Vaccines: A Canadian Perspective," 9 th 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," <i>Canadian Journal of Public Health</i> 96 (March-April 2005), special insert, I-1 – I-24 (pdf of article)
2005	Radio Interview: 50 th Anniversary of Salk Polio Vaccine, CHML Radio, Hamilton, ON, April 12, 2005
2005	Radio Interview: "Polio Remembered: The 20 th Century Plague," CBC Radio, "Quirks & Quarks," April 9, 2005
2004	Presentation: co-author with L. Barreto, R. Van Exan, "The Development of Polio Vaccines: Canada's Role in the Eradication of 'The Crippler,'" 6 th Canadian Immunization Conference, Montreal, December 5, 2004
2004	Book Review: of Shelley McKellar's <i>Surgical Limits: The Life of Gordon Murray (1894-1976)</i> (University of Toronto Press, 2003) in <i>Canadian Historical Review</i> 85 (Dec 2004): 860-62
2004	Presentation: "Perplexing Polio: Canada & the 20 th Century Plague," Burlington Historical Society, Burlington, ON, Sept 20, 2004
2004	Presentation: "Canadian Science and the International Politics of Smallpox Vaccines, 1962-1980," Immunology at the Bench and Bedside, Toronto, June 17, 2004
2004	Presentation: "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 th Century Plague", <i>The Beaver</i> (Apr-May 2004): 32-37 (pdf of article)

2003	Presentation: co-author with L. Barreto, R. Van Exan, "Canada and the Smallpox Vaccine Story," Canadian Conference on Counter-Terrorism and Public Health, Toronto, Oct 30, 2003
2003	TV Interview: SARS and the history of public health in Canada, April 18, 2003, CBC Newsworld; May 1, 2003, Canada Now, CBC Toronto
2003	Presentation: "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," <i>Canadian Journal of Public Health</i> 93 (July-Aug 2002): 1-1 - 1-20 (pdf of article)
2001	Book Review: of Lesley Marus Barsky, <i>From Generation to Generation: A History of Mount Sinai Hospital</i> (Toronto: McClelland and Stewart, 1998) in "Letters in Canada," <i>University of Toronto Quarterly</i> 70(1) (Winter 2000/2001): 517
2001	Articles: "Global Heroes: Banting and Best Discover Insulin," "Bioinformatics," "Pioneer Cytogeneticist," "Immunologist," in Don Galbraith <i>et al.</i> , <i>Biology 11</i> (Toronto: McGraw-Hill Ryerson, 2001)
2000	Presentation: "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	Presentation: "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	Presentation: "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	Presentation: "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: <i>A Circle of Care: St. Mary's General Hospital: 75 Years of Caring</i> (Kitchener: St. Mary's General Hospital, 1999) (read the full book)

1998	Presentation: "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	Presentation: "The Middle-Class Plague: The Great Toronto Polio Epidemic of 1937," Toronto's Medical History lecture series, Heritage Toronto, May 14, 1998
1998	Radio Interview: Discussing the Toronto Polio Epidemic of 1937," "Metro Morning," CBC Radio One, Toronto, May 12, 1998
1997	Presentation: "The Grim Terror! The History of Polio in Canada," '97 International Post Polio Conference, Calgary, AB, September 28 - October 2, 1997
1997	Presentation: "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.), <i>Doctors, Nurses and Practitioners</i> (Westport, CN.: Greenwood Press, 1997), p. 62-69 (copy of article)
1997	Article: "Made in Canada (Connaught and World Health)," <i>Conntact</i> (Employee News of Pasteur Mérieux Connaught Canada) (March 1997)
1997	Presentation: "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," <i>Canadian Bulletin of Medical History</i> , 13 (1996): 277-314 (pdf of article)
1996	Article: "Connaught and the History of Modern Pertussis Vaccines," <i>Conntact</i> (November 1996) (pdf of article)
1996	Article: "Connaught and the Story of Heparin, 1928-1937," <i>Conntact</i> (August 1996) (copy of article)
1996	Article: "Connaught and the Canadian Polio Story," <i>Conntact</i> (June 1996) (copy of article)
1996	Presentation: "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	Presentation: "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. Catharines, May 31, 1996
1996	Presentation: "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," <i>Conntact</i> (April 1996) (pdf of article)
1996	Article: "Connaught and the Defeat of Diphtheria," <i>Conntact</i> (February 1996) (pdf of article)
1995	Article: "Sifting Proteins: Connaught and the Discovery of Starch-Gel Electrophoresis," <i>Conntact</i> (December 1995) (pdf of article)
1995	Article: "Dr. Robert D. Defries (1889-1975): Canada's 'Mr. Public Health,'" <i>Conntact</i> (October 1995) (pdf of article)
1995	Presentations: "'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	Presentation: "Polio and its Echoes: Historical Perspectives on a Continuing Challenge," St. Peter's Hospital, Hamilton, ON, May 26, 1995
1995	Presentation: "'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	Radio Interview: "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," <i>Abilities</i> #19 (Summer 1994): 26, 28 (copy of article)
1994	Article: "Helpless: The 1951 Ontario Polio Outbreak - The Neil Young Case" in A. Jenkins (ed.), <i>Neil Young and Broken Arrow: On a Journey Through the Past</i> (Mid Glamorgan, Wales: Neil Young Appreciation Society, 1994), p. 95-112
1993	Presentation: "The Canadian Connection: Polio Epidemics, Connaught Laboratories and the Salk Vaccine, 1927-1955," McMaster University, Hamilton, November 1993
1993	Presentations: "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 <i>Activists and Advocates: Toronto's Health Department, 1883-1983</i> (Toronto: Dundurn Press, 1990), by Heather MacDougall, in <i>Scientia Canadensis</i> 16 (1992): 109-12
1991	Presentation: "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	Presentation: "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" <i>The Mirror</i> (University of Western Ontario Student History Journal) 9 (March 1989): 82-109 (pdf of article)
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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@utoronto.ca
- (2014-present) Academic sponsor for my Adjunct Professor appointment focused on integrating history and humanities in public health teaching and research into School
- Doug Daniell**, Head, Public Affairs, Sanofi Canada, Toronto
Phone: 416-526-2961 | Email: Doug.Daniell@sanofi.com
- Supporter of my historical work for Sanofi Canada (Sanofi Pasteur) (2016-present)
- Neil Orford**, Founder, President, Defining Moments Canada, Orangeville, ON
Phone: 519-217-0402 | Email: neilorford@canhist.ca - <http://definingmomentscanada.ca>
- Founder of Defining Moments Canada; Oversaw my work as Lead Historian for "Insulin 100" national digital commemoration project (2020-2022); Articles for Bryce@100 project (2022-23)
- 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