

31st History of Medicine Days Friday, March 25th, 2022



Program

– Developed as an online conference, based on “Zoom Video, Communications, Inc.,”
Zoom® link to register:
https://ucalgary.zoom.us/meeting/register/tJYqceqhqD0uGdDNFON4s_gRcOxIMZN8KT0b

9:00 am – 9:30 am

9:00 am Welcome

Dr. Frank W. Stahnisch - Conference Chair

9:05 am Welcoming Addresses

Dr. Jon Meddings – Dean, Cumming School of Medicine

Dr. George Colpitts – Associate Dean, Faculty of Arts

Gail Paech – CEO, AMS Healthcare

9:20 am Introduction: HMD’s Conference and History of Medicine in Calgary

Dr. Frank W. Stahnisch – AMF/Hannah Professorship in the History of Medicine and Health Care

Special Feature Lecture & Discussion

Learning Objectives: critically evaluating Canada’s stance towards vaccination and anti-vaccination during the course of the 19th century.

Chair: **Dr. Frank W. Stahnisch**

“The Origins of Anti-Vaccination in Canada: A Case Study of Vaccine Opposition in Montreal, 1870–1885”

Dr. Paula Larsson

(Centre for the History of Science, Medicine and Technology, Oxford University, UK)

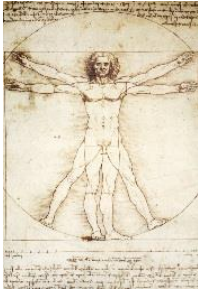
SESSION 1 – “History of Medicine in East Asia”

Learning Objectives: appraising of and reflecting on East Asia’s diverse and complex heritage in the history of medicine and health care.

10:15 am – 11:00 am Chair: **Dr. Tinu Ruparell, Dept. of Classics and Religion, U of C**

1. What was the Epidemic Disease of 1259 that Infected the Mongol Army in China? –
Stephen Pow (University of Calgary)
2. Life Expectancy in the Nascent People’s Republic of China: The Role of Barefoot Doctors –
Arjun Patel (Western University)

11:00 am – 11:30 am “Virtual Coffee Break” (preferred Zoom rooms)



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Keynote Lecture & Discussion

Chair: **Dr. Frank W. Stahnisch**

Learning Objectives: discussing and assessing the influences of sociopolitical contexts on the mental health situations and related challenges during historical times of pandemics.

'Epidemics' Socio-psychological Side Effects from Plagues of the Fifth-century BCE to Covid-19'

Dr. Samuel K. Cohn

Professor, Department of History, University of Glasgow, Scotland

(in conjunction with the Calgary History of Medicine Society, the C.–S.T.E.M.S. Project, the History of Neuroscience Interest Group, and the O'Brien Institute for Public Health)

12:45 pm – 1:40 pm Lunch Break (preferred Zoom rooms open from 12:30 pm)

SESSION 2 – “History of Public Health”

Learning Objectives: acquiring a solid appreciation for the creation, development, and use of public health theories, practices, and programs.

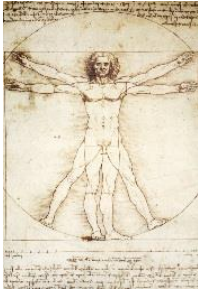
1:45 pm – 2:45 pm Chair: **Dr. Samuel K. Cohn – Department of History, University of Glasgow, UK**

3. Ignorance or Bliss? The Impact of Globalization and Medical Theory on the Societal Response to the 1989 Russian Flue – **Chris Zajner (Western University)**
4. The Rise of Complementary and Alternative Medicine and Its Modern Context in the West – **Simran Ghoman (University of Calgary)**
5. Untold Medical History: Montreal's Days of Shame – **Lilly Groszman (McGill University)**
6. Searching for Precedent of Shifting Public Health Messaging – A Case Study of Tuberculosis Public Health Posters, 1910s–1960s – **Claire Vannelli (Western University)**
7. The “Feeble Minded” as Criminal Degenerate: Eugenics, Intelligence Testing, and Sterilization in Alberta, 1928–1972 – **Omar Mahamed (University of Calgary)**

2:50 pm – 3:15 pm Break

SESSION 3 – “Trauma, Healing, and Recovery”

Learning Objectives: distinguishing the diverse social, historical, and legal implications of residential schools, structural racism, as well as eugenics-oriented racist theories since the 19th century.



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3:15 pm – 4:00 pm Chair: **Dr. Paula Larsson – Centre for the History of Science, Medicine, and Technology, Oxford University, UK**

8. The Impact of the Eugenics Program on Indigenous' People's Health and Wellbeing in Canada and the USA – **Kobe Eagletail (University of Calgary)**
9. Mistrust Built Through History: Healthcare Failures with Canadian Metis Communities and the Implications Carried Through to Today - **Bianca Pollock (University of Calgary)**
10. Technology and Trauma in Rural and Northern Obstetrics– **Danielle Cossey-Sutton (Vancouver Island University)**

SESSION 4 – “Health, Religion, and the *Conditio Humana*”

Learning Objectives: acquiring a solid appreciation for the influence, meaning, and centrality of the spiritual dimension in medicine.

4:00 pm – 4:45 pm Chair: **Dr. Arafaat Valiani – Department of History, University of Oregon, USA**

11. Who are You Calling a Witch? The Historical Development of Magic and Witchcraft on Midwifery and Women's Health – **Ishita Aggarwal (Queen's University)**
12. Paradoxes of Pain: A Historical Approach to Analyzing an Enigma of the Human Condition – **Janelle Beaven (University of Calgary)**

4:45 pm - 5:30 pm

Special Feature – Award Session

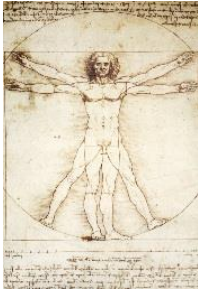
Michael & Michelle Williams Award in Science, Technology, Environment, and Medicine Studies

Chairs: **Dr. Frank W. Stahnisch** and
Dr. Michael Williams – Department of Computer Science

Bestowment of Certificate and Project Presentation by the
2022 Graduate Student Awardee:

Michael & Michelle Williams Award Recipient – University of Calgary

5:30 pm to 6:30 pm Happy Hour



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9:00 am – 9:45 am

Special Feature Lecture & Discussion

Learning Objectives: critically evaluating coerced human subject experimentation in the context of knowledge generation and dissemination in the history of biomedical science.

Chair: **Dr. Ian Mitchell, Dept of Paediatrics and CHREB, UofC**

“The Dark History of German Brain Research: Identifying Victims of the Nazi Euthanasia Program”

Dr. Aleksandra Loewenau

(Max Planck Society of the Advancement of Science, Munich, Germany)

SESSION 5 – “Mind and Brain”

Learning Objectives: examining the conceptual and social contexts of neurology, psychiatry, and public mental health in a historical perspective.

9:45 am – 10:45 am Chair: **Dr. Jamil Kassam, History of Medicine Interest Group, FOM, UofA**

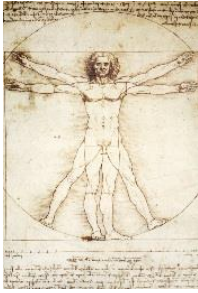
14. Historical Perspectives to Inform Learning: Applying History Research to evaluate Psychiatric Disease Criteria in the Diagnostics and Statistics Manuel III – **Lunan Zhaor (University of Toronto)**
15. The Psychosomatic Theory of Ulcerative Colitis: From Psychoanalysis to Prefrontal Lobotomies – **Emily Stephenson (Western University)**
16. Let’s Talk About It: How the Role of Psychotherapy in Psychiatric Practices Evolved as a Response to the Mental Health Crisis in the Wake of Deinstitutionalization – **Andrew Nguyen (Western University)**
17. The Evolution and Implications of Supernatural, Somatogenic, and Psychogenic Theories of Mental Disorders in History – **Peter Johnson, John Johnson, and Austin Mardon (University of Alberta)**

10:45 am – 11:15 am “Virtual Coffee Break” (preferred Zoom rooms)

SESSION 6 – “Canadiana”

Learning Objectives: appraising of and reflecting on Canada’s diverse and complex heritage in medical history.

11:15 am – 12:15 pm Chair: **Dr. Fedir Razumenko, Department of Medicine, UofC**



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18. Exploring the Intersections between the Legal Criminal System and Healthcare: The Case of Alberta's Courts and Forensic Psychiatry – **Yidong Linda Yan (University of Calgary)**
19. Women in Medicine: An Analysis of Canadian Feminist Movements and Medical School Enrolments at the University of Toronto – **Noel Kim & Imaan Zera Kherani (University of Toronto)**
20. Documentation, Serendipity, and Initiative: Lessons Learnt From the Discovery of Insulin – **John Christy Johnson**

12:15 pm – 1:15 pm Lunch Break (preferred Zoom rooms open from 12:00 pm)

POSTER SESSION (dedicated Zoom Poster room)

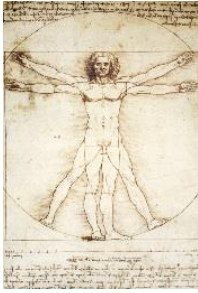
1:15 pm – 2:15 pm Chair: **Dr. Jesse Hendrikse – Department of Community Health Sciences, University of Calgary**

Learning Objectives: reviewing the conceptualization and treatment of marginalized groups and targeted populations in the history of international medicine and public health.

- I. Eugenics, Ethics, and the Global Conversation: Exchanging Ethics and Ideas in Eugenics – **Larry Blomme (University of Calgary)**
- II. Influenza 1918: The “Forgotten Pandemic” from a Canadian Perspective – **Aaron Zahavi (University of Ottawa)**
- III. Indigenous Traditional Healers in Northeastern Ontario: A History and Future – **Hannah Roberts (University of Northern Ontario)**
- IV. Exploring the History of the Intersection between Paediatrics and Hygiene Using the Case Example of Poliomyelitis – **Hana Osman (University of Calgary)**
- V. Neither ‘Rushed’ nor ‘New’: Situating the Covid-19 mRNA Vaccine within the History of mRNA-based Vaccine Approaches for Infectious Diseases – **Rahman Ladak & Aly Ladak (Western & UofT)**
- VI. Tragedy, Paralysis, and Iron: Negative Pressure Ventilators as a Life-Saving Measure during the Polio Crisis of the Early 20th Century – **Ferhat Tongur (University of Calgary)**
- VII. The Historical Development of Dialysis – **Joel Jamieson (University of Calgary)**
- VIII. Challenges in the Adoption of a new Medical Technology: A Case Study of Fundus Photography in the Monitoring of Eye Disease – **Kevin Lane (Western University)**

2:15 pm - 2:45 pm Break

SESSION 7 – “History of Obstetrics and Gynaecology”



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Learning Objectives: developing an appreciation of the cultural and environmental context of the gynaecological approaches since the Early Modern Period.

2:45 pm – 3:45 pm Chair: **Dr. John Jarrell – Dept. of Obstetrics & Gynaecology, UofC**

21. Rural Ontario Birth Narratives: A Critical Analysis of the Legacy of the Medicalization of Childbirth – **Arielle Perrotta (University of Calgary)**
22. Women's Healthcare in Canada – **Sara Aboudaye (University of Calgary)**
23. Building a Healthy Nation by the Fireside: Women, Suffrage, and the Development of Public Health in Early 20th Century Rural Ontario – **Celine Vereecken Smith & Sarah Klapman (McMaster University)**
24. The Nation State and the Nation's State: Examining Biopower as an Effect of Canadian Nation-Building in 20th-Century Canada – **Margaret Ayriss (University of Calgary)**

3:45 pm – 4:15 pm “Virtual Coffee Break”

SESSION 8 – “History of Surgical Practices”

Learning Objectives: appraising the impact of practical processes and techniques in their impact on modern surgery and gynaecology.

4:15 pm – 5:00 pm Chair: **Dr. Stephen Pow – Department of Community Health Sciences, University of Calgary**

25. Windows to the Soul: A Critical Comparison and Contrast of Galen and Avicenna's Texts on Cataracts and How They Contributed to the Specialization of Modern Ophthalmology – **Snow Wangding (Western University)**
26. Consent and Pain: Investigating Dr. J. Marion Sims' Experimental Surgeries and His Complicated Legacy – **Rania Belhadjhamida (Western University)**
27. The Intersection of Sport and Medicine – **Hudaifa Zayed (University of Calgary)**

5:00 PM

“Music Band – Oranje”

Andres Mira – Drums - Michael Buie - Bass Guitar - Joseph Bahhadi - Guitar

6:00 PM Presentation Award Announcements

NOTES: The History of Medicine Posters will be available for public viewing on Friday and Saturday in the Zoom Poster Rooms I and II during the conference.

6:30 PM CONCLUDES