



32nd HISTORY of MEDICINE DAYS 2023

Friday, March 17, 2023

Program

7:30 AM REGISTRATION and CONTINENTAL BREAKFAST (HSC Atrium)

Libin Theatre

8:30 AM – Libin Theatre – Welcome – Dr. Frank W. Stahnisch, Conference Chair

8:35 AM – Greeting Addresses

Dr. Todd Anderson, Dean – Cumming School of Medicine

Dr. Jewel Spangler, Head, Department of History – Faculty of Arts

Ms. Helen Angus, CEO – Associated Medical Services (Video)

8:50 AM – Introduction

HMDs Conferences and History of Medicine in Calgary – **Dr. Frank W. Stahnisch (AMF/Hannah Professorship in the History of Medicine and Health Care)**

SESSION 1 – MIND AND BRAIN I

9:00 AM – 9:45 AM Libin Theatre – Chair: Dr. Stewart Longman, Hotchkiss Brain Institute

1. Birds, Birdcages, and Bedlam: Visualizing the Victorian Asylum through Material Culture – **Jelena Poleksic (Western University)**
2. Louis 'David' Riel: A Psychiatric Assessment – **Dale Wallace (University of Calgary)**
3. Body and Cosmos: Richard Bucke, Moral Evolution, and the London Asylum – **Kyle Derkson (University of Calgary)**

9:45 AM – 10:30 AM COFFEE BREAK (HMRB Atrium)

SESSION 2 – MIND AND BRAIN II

10:30 AM – 11:00 AM Libin Theatre – Chair: Dr. Manuel Hulliger, Hotchkiss Brain Institute

4. "Bedrest is Bunk" Interrogating the Regimen of Rest in Treating 19th-Century Hysteria – **Yashawani Chauhan (Western University)**
5. On the Borderline: Otto Kernberg's Continued Influence on the Conceptualization and Treatment of Borderline Personality Disorder – **Ashvent Malik & Daniel Tamburri (Western University)**
6. We Have Always Been Here: Autistic Spectrum Conditions in the West from Changelings to Neurotribes – **A. Jade Goh McMillen (University of Toronto)**

11:00 AM – 11:15 AM BREAK

SESSION 3 – HUMAN SUFFERING AND PAIN

11:15 AM – 12:00 PM Libin Theatre – Chair: Dr. John Jarrell, Dept. of Obstetrics and Gynaecology

7. The Great Gas Debate: An Exploration of the Origins and Differences in 19th Century Anesthetic Practices between the United States and the United Kingdom – **Claire Vanelli (Western University)**
8. "My Name is NO": The Discovery of Nitric Oxide and the Development of its Medical Uses – **Andrea Wang (Western University)**

9. The Gate Control Theory of Pain: How the Medical Community Reacts to New and Bold Ideas – **Brian Cho (Western University)**

12:00 PM – 12:50 PM (plus 40 min. Q&A)

12:00 PM KEYNOTE LECTURE & DISCUSSION – Libin Theatre – Chair: Dr. Frank W. Stahnisch

“Using Digital Networks to Explore 19th-Century Psychiatry Journals”

Dr. Christopher D. Green, Professor of Psychology, Department of Psychology, Faculty of Health, York University, Toronto, Ontario

In conjunction with the O'Brien Institute for Public Health, the Calgary History of Medicine Society, and the C-S.T.E.M.S. Working Group at the Calgary Institute for the Humanities

Friday, March 17, 2023 – Libin Theatre

1:30 PM – 2:30 PM HOT BUFFET LUNCH (HRIC Atrium)

SESSION 4 – HISTORY OF PUBLIC HEALTH

2:30 PM – 3:30 PM LIBIN THEATRE

Chair: Dr. Fedir Razumenko, Dept. of Medicine

10. Disgraceful Disorders: Exploring the Connections between Shame, Women's Reproductive Health, and Mental Illness in the History of Medicine – **Margaret Ayriss (University of Calgary)**
11. “Remedy as bad as the Disease”: Discourses about Vaccination Surrounding the 1901 St. Louis and Camden Tragedies – **Heather Schwartz-Narbonne (Western University)**
12. The Innovation Lag between the Invention and Adoption of Mammography for Breast Cancer Screening: A Canadian Study of ‘Best Practices’ – **Rahman Ladak (Western University)**
13. The Politics of Preventative Oral Healthcare: Two Historical Studies of Community Water Fluoridation in Five Canadian Municipalities – **Aaron Clift (University of Calgary)**

3:30 PM – 4:00 PM COFFEE BREAK (HMRB Atrium)

4:00 PM – 4:20 PM (plus 10 min. Q&A)

4:00 PM FEATURED LECTURE – Libin Theatre – Chair: Dr. Meaghan Edwards, Community Rehabilitation and Disability Studies Program

“Reproduction and Genetic Histories in Postcolonial India”

Dr. Arafaat Valiani, Department of History, University of Oregon, Oregon, USA

SESSION 5 – HEALTH CARE IN THE GLOBAL SOUTH

4:30 PM – 5:15 PM LIBIN THEATRE – Chair: Dr. Timothy Stapleton

14. The “Natives” Entirely Left Out In The Cold”: Reflections on Rural Healthcare Services in Colonial Nigeria – **Ojo Oyeyemi Afolabi (Morgan State University, Baltimore, MD, USA)**
15. *Imagens do Inconsciente*: A Sociological Reimagining of Illness Identity Construction and Art in Twentieth Century Rio de Janeiro – **Jay Cavanagh (University of Calgary)**
16. Bones vs. Blades: How the Creation of the Blade Prosthetics Revolutionized High-Performance Athletics – **Georgia Bailey (University of Saskatchewan)**

5:15 PM – 5:30 PM BREAK

5:30 - 6:00 pm Libin Theatre **Special Feature – Award Session**

**Michael and 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 2023 Graduate Student Awardee

Michael & Michelle Williams Award Recipient – University of Calgary

**6:00 pm Hot Buffet Dinner
HRIC Atrium**

Prior Registration Required

6:00 PM DINNER

Saturday, March 18, 2023 – Libin Theatre

8:00 AM REGISTRATION and CONTINENTAL BREAKFAST (HMRB Atrium)

SESSION 6 – CLASSICS IN THE HISTORY OF MEDICINE

9:00 AM – 9:30 AM LIBIN THEATRE

Chair: Dr. Lesley Bolton, Department of Classics and Religion

17. Mongol Accounts of Neurological and Psychiatric Conditions: Attitudes and Treatments – **Stephen Pow (University of Calgary)**
18. More Similarities than Differences in Caring for the Sick and the Dead: An Analysis of Boccaccio's Account of the 14th Century Bubonic Plague in Comparison with the COVID-19 Pandemic – **Alisiya Petrushkevich (Western University)**

9:30 AM – 10:00 AM BREAK

10:00 AM – 10:20 AM (plus 10 min. Q&A)

10:00 AM FEATURED LECTURE – Libin Theatre – Chair: Dr. Tinu Ruparell, Dept. of Classics and Religion

“Between Faith and Medicine: Anecdotes of Healing during the Safavid Period”

Dr. Jamil Kassam, Faculty of Medicine, University of Alberta, Edmonton, AB

10:30 AM – 11:00 AM COFFEE BREAK (HMRB Atrium)

SESSION 7 – MEDICAL ETHICS AND LAW

11:00 AM – 11:45 AM LIBIN THEATRE – Chair: Dr. Juliet Guichon, Department of Community Health Sciences

19. Body-Snatching to Body Donations: The Development of Legislation and Programs regarding Human Cadaver Procurement and Dissection – **Yidong Linda Yan (University of Calgary)**
20. “Some Homicides Are Justified”: Sue Rodriguez and Physician-Assisted Suicide in the Court of Public Opinion – **Aishwarya Kulkarni (Western University)**
21. University of Toronto's Office of Inclusion and Diversity: A Historical Perspective – **Samuel McLennan (University of Toronto)**

SESSION 8 – HISTORY OF SURGERY

11:45 AM – 12:30 PM LIBIN THEATRE – Chair: Dr. Stephen Pow, Alberta Children's Hospital

22. "Reconstructing Identity: Dr. Harold Gillies and the Role of Facial Reconstruction in Defining Essential Care" – **Helen Jin (Western University)**
23. Perseverance or Recklessness? The Complicated Narrative surrounding Cardiac Transplantation and the Role of Dr. Norman Shumway – **Wen Teng Hou (Western University)**
24. X-Rays: History of an Accidental Discovery which Revolutionized Medical Imaging – **Swati Sood (Western University)**

12:30 PM – 1:30 PM LUNCH (HRIC Atrium)

Saturday, March 18, 2023 – Libin Theatre

POSTER SESSION

1:30 PM – 2:45 PM HRIC ATRIUM – Chair: Prof. Glenn Dolphin, Tamaratt Chair of Science Teaching

- I. Couching Cataracts, Hidden Demons: Christianity, early ophthalmological care and the first Western hospital in China – **Natalie Mezey (Queens University)**
- II. Exploring the Levels of Interest in Natural History Collecting in National Parks: An Analysis of Norman Bethune Sanson (1892–1949) – **Allan Thacker (Ambrose University)**
- III. Who Cares about Multidisciplinary Care? A Lesson Exemplified through the Diagnosis of Hirschsprung's Disease – **Matthew Lawrence (Western University)**
- IV. Old Dog, New Trick: The Longevity of Catgut with Antisepsis – **Tarquin Opperman (Western University)**
- V. From Head to Tool: Mapping Dermatomes Through the Ages – **Sandy Wong (Western University)**
- VI. Mutilation in Neurosurgery: A Comparison of the Factors Enabling the Harm Committed by Walter Freeman and Christopher Duntsch – **Nicholas James (Western University)**
- VII. Societal Influences on Psychosurgery: Values Guiding its Adoption, Demise, and Return – **Chris Zajner (Western University)**
- VIII. From Metal Hooks to Modern Plastics: The Evolution of the Speculum and the Role of Medical Professionals in the Adoption and Use of Medical Devices – **Ashrita Durvasula (Western University)**
- IX. "Women's Work": Sociocultural Factors Contributing to Demographic Transition in the Field of Obstetrics and Gynaecology – **Hannah Skarnikat (Western University)**
- X. Does Medicine Care About Postpartum Depression? – **Dasha Semenova (University of Ottawa)**
- X. 1991's Music Therapy for Older Americans Act: Implications for Music Therapies Use in Dementia Care – **Joseph Bahhadi (University of Calgary)**
- XI. Animal Experimentation in Western Medicine: A History of Ethical Debate and Co-Evolving Animal Protection Laws – **Cory Owens (University of Calgary)**
- XII. Legal and Ethical Evolution of Medical Assistance in Dying in Canada Within the Context of the Hippocratic Oath – **Christina Abdul Nour (University of Ottawa)**

2:45 PM – 3:15 PM COFFEE BREAK (HMRB Atrium)

SESSION 9 – SEXUAL DEVELOPMENT, CONCEPTUAL INTERPRETATIONS, AND WOMEN'S HEALTH

3:15 PM – 4:15 PM LIBIN THEATRE

Chair: Dr. Alan Martino, Department of Community Health Sciences

25. Lessons from History: Embryology and Androgyny of the 'Human Animal' – **Harold Isaiah Miletich (University of Calgary)**
26. The American Doctor's Villainization of Childless Women during the Nineteenth Century – **Victoria Knox (Bridgewater State University, Massachusetts, USA)**
27. How Gonorrhoea Caused the Medicalization of American Blindness – **Ashley Schepis (Bridgewater State University, Massachusetts, USA)**
29. Blaming Women for Their Cancers: An Analysis of Nineteenth Century Descriptions of Cervical Cancer and Their Impact in Today's Society – **Sarah Zachariah (University of Toronto)**

4:15 PM – 4:30 PM BREAK

Saturday, March 18, 2023 – Libin Theatre

SESSION 10 – RESEARCH INSTRUMENTATION AND BIOMEDICAL PRACTICES

4:30 PM – 5:30 PM LIBIN THEATRE

Chair: Dr. Guido Van Marle, O'Brien Centre for the Bachelor of Health Sciences

30. New Century, Same Struggle: The Grapple Between Optometry and Ophthalmology – **Danielle Vucenovic (Western University)**
31. Delayed Adoption of the Diagnostic Lumbar Puncture: Spurred by Procedure Limitations or Individual Voices? – **Lina Ghattas (Western University)**
32. A History of the Integration of Early Physiotherapy and Acupuncture in Western Canada – **Taryn Karsten (University of Calgary)**

6:00 PM AWARDS BANQUET – Doors Open (Cash Bar)

MacEwen Hall – Cassio B Room
University of Calgary – Main Campus
2500 University Dr NW, Calgary, AB T2N 1N4
[Prior Registration Required]

6:00 PM – 7:00 PM UC Jazz Group

While the Award Committee deliberates,
Please mingle and enjoy the “**UC Jazz**” group with *Joseph Bahhadi & Friends*.

7:00 PM BUFFET DINNER

8:00 PM AWARD ANNOUNCEMENTS – CLOSING REMARKS

PLEASE NOTE:

The History of Medicine Posters may be viewed on Friday and Saturday in the HRIC Atrium of the Cumming School of Medicine.

During March 17th and 18th, 2023 there will be a Historical Book Exhibit from the Health Sciences Library, Cumming School of Medicine.

The Program Committee for the 2023 History of Medicine Days conference has received MOC Section 1 Group Learning and AMA-PRA Category 1 accreditation through the Certification program of the ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA (RCPSC). The Signature Sheet for Credits will be available at the Registration Table. Physicians may claim a maximum of 11 hours (Day 1: 5.75 hours / Day 2: 5.75 hours).