

# 25<sup>th</sup> ANNIVERSARY HISTORY of MEDICINE DAYS



## PROGRAM (2016)

**Friday, March 11th – Libin Theatre, HSC**

**7:30 AM REGISTRATION and CONTINENTAL BREAKFAST** (HMRB Atrium)

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

8:35 AM – Greeting Addresses:

**Dr. Sylvain Coderre** - Associate Dean of Undergraduate Medical Education

**Dr. Richard Sigurdson**, Dean, Faculty of Arts

**Gail Paech**, CEO, Associated Medical Services

**Dr. Melanie Stapleton**, President, Alberta Medical Foundation

9:00 AM – Introduction: HMDs Conference and History of Medicine in Calgary – **Dr. Frank W. Stahnisch**

**9:15 AM SPECIAL FEATURED LECTURE & DISCUSSION – Libin Theatre – Chair: Dr. Melanie Stapleton**

***“A Short History of Things We Don’t Know, Mostly About Breathing”***

**Dr. William A. Whitelaw, Retired Professor, Vancouver Island, British Columbia,  
Previous HMD Faculty Coordinator, Cumming School of Medicine, University of Calgary**

### **SESSION 1 – “HISTORIOGRAPHY AND SOURCES IN THE HISTORY OF MEDICINE”**

**10:00 AM – 11:00 AM LIBIN THEATRE – Chair: Professor Paul Stortz – History Department**

1. Cibra Orbitalia and Porotic Hyperostosis as Markers of Chronic Infection and Anaemia in a Skeletal Sample from Vagnari (2-4<sup>th</sup> c. AD), Italy – **Marissa Ledger – University of Alberta**
2. Historical Coverage of the Concept of Global Health in Canadian Newspapers from its First Appearance – **Shyrose Aujla – University of Calgary**
3. Analysis of Sudden Infant Death Syndrome Coverage in Canadian Newspapers – **Sadia Ahmed - University of Calgary**
4. HIV/AIDS and Anonymous Testing in Canada: Utilizing Newspapers to Determine the Changing Social and Political Environment – **Daniel Stojanovic – Western University**

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

### **SESSION 2 – “ASPECTS OF COMPLEMENTARY AND ALTERNATIVE MEDICINE”**

**11:30 AM – 12:15 PM LIBIN THEATRE – Chair: Guido van Marle - Microbiology, Immunology & Infectious Diseases**

5. How and Why Homoeopathic Medicine Thrived over the Last 200 Years: From Cult to Complementary Medicine – **Rob Bobotsis – Western University**
6. From Honey to Molecular Agents: The Remarkable History of Wound Healing – **Tetyana Khlabatyn & Michelle Lee – University of British Columbia**
7. Vine Culture: Yage, DMT, and the Rise of Psychedelic Therapies in Medicine in the 20<sup>th</sup> and 21<sup>st</sup> Centuries – **Zach Kuehner – Northern Ontario School of Medicine**

**12:15 PM KEYNOTE LECTURE & DISCUSSION – Libin Theatre – Chair: Dr. Frank W. Stahnisch**

***“Personhood, Consciousness and the Motionless Body”***

**Dr. Fernando Vidal, ICREA (Catalan Institution for Research and Advanced Studies), and  
Center for the History of Science, Autonomous University of Barcelona, Spain**

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

**1:15 PM - 2:15 PM HOT BUFFET LUNCH** (HRIC Atrium)

**SESSION 3 – “THE IMPACT OF TECHNOLOGY ON THE DEVELOPMENT OF MODERN MEDICINE”**

**2:15 PM – 3:00 PM LIBIN THEATRE – Chair: Professor Ariel Ducey – Sociology Department**

8. Staying Current: Electroconvulsive Therapy in Psychiatry, 1930s to the Present – **Pamela Doran – Memorial University of Newfoundland**
9. Technology and Public Health: Exploring the Relationship Between Cochlear Implants and Newborn Hearing Screening – **Vanessa DeMelo – Western University**
10. Tarnier’s Couveuse: Ingenious Invention or Simply Terrific Timing? – **Nicole Arseneau – Western University**

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

**SESSION 4 – “MEDICINE AND THE MILITARY”**

**3:30 PM – 4:30 PM LIBIN THEATRE – Chair: Professor John Ferris - Centre for Military and Strategic Studies**

11. In the Jaws of War: How the Expanded Scope of Dentistry in the Great War Contributed to the Advent of Maxillofacial Surgery as a Specialty - **Alexander Dickie – Memorial University of Newfoundland**
12. The Battle Behind the Battle: Allied Surgical Planning for the Invasion of Normandy – **Alison Bumstead – University of Calgary**
13. War: A Platform for Canadian Surgical Advancement – **Rebecca Buttar – University of Calgary**
14. Breakdowns in Scientific Collaborations: The Example of Nitrogen Mustard – **Calvin Santiago – Queen’s University**

**4:30 PM – 6:00 PM “VISUALIZATION OF DATA IN THE HISTORY OF NEUROSCIENCE” – A Workshop**

**LIBIN THEATRE – Chair: Dr. Aleksandra Loewenau - Calgary Institute for the Humanities - Faculty of Arts**

**Discussant: Dr. John Brosz - Taylor Family Digital Library**

**6:00 PM HOT BUFFET DINNER** - HRIC Atrium  
[prior registration required]

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**Saturday, March 12, 2016 – Libin Theatre, HMRB**

**8:00 AM REGISTRATION and HOT BREAKFAST** (HMRB Atrium)

**8:30 AM – 9:00 AM LIBIN THEATRE – Research Opportunities at the Alberta Health Services Archives  
Mr. Dennis Slater, AHS Archivist, Calgary, Alberta**

**SESSION 5 – “GENDER AND SEXUALITY”**

**9:00 AM – 10:00 AM LIBIN THEATRE – Chair: Dr. Nancy Janovicek – History Department**

15. A Womb with a View: How the Diagnosis of Hysteria Permeated Women’s Medical Treatment in the Late 18<sup>th</sup> and 19<sup>th</sup> Centuries – **Madeline Arkle – Western University**
16. Culture of Menstruation: Parallels between History, Taboos, and Cultural Specific Phenomena – **Maria Powell – Memorial University of Newfoundland**
17. Exploring our Inadequacies: Society’s Changing Attitudes on Male Sexuality and Urology’s Impotence Revolution during the late 1900’s – **Ryan McLarty – University of Alberta**
18. Post-Mastectomy Breast Reconstruction: A Look at the Surgical Advances in Breast Reconstruction Techniques and the Barriers to Uptake in Canadian Society – **Nicolas Cormier – Western University**

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

**SESSION 6 – “SURVEY OF DISEASE THEORIES AND CONCEPTS”**

**10:30 AM – 11:30 AM LIBIN THEATRE – Chair: Dr. Maria Zytaruk – English Department**

19. Peering Through the Ages: A History of the Theory of Vision – **Ahmed Amayem – University of Calgary**
20. A Historical Analysis of Personality Theory and Major Depressive Disorder – **Sakthi Kalaichandran – Brock University**
21. Ripple Effects across Drug Regulations in the Aftermath of the Thalidomide Disaster – **Ranjana Bhattacharjee – Western University**
22. Precision, Precision, Precision: A Pictorial Walkthrough of Radiation Oncology Techniques over a Century, 1896-1996 – **Dr. Will Jiang – University of Calgary**

**POSTER SESSION I**

**11:30 AM – 12:45 PM HRIC ATRIUM – Chair: Dr. Jesse Hendrikse – Community Health Sciences**

- I. The World Health Organization's Use of Obesity Knowledge – **Kristen Chaisson – University of Calgary**
- II. Sir William Osler's Enduring Values in Medical Education – **Dominik Nowak – McMaster University**
- III. The Shift Away from Paternalistic Medicine: Pivotal Changes and Challenges, Then and Now – **Asma Ali – Western University**
- IV. “*Why would you want to throw all this away?*” A Historical Perspective of the Modern Shortage of Rural Physicians – **Matthew McDowell Quann – Memorial University of Newfoundland**
- V. The Discovery of Battered Children: Development Child Abuse as a Medical Entity – **Ariel Gershon – Western University**
- VI. Drs. Anandibai Joshi and Susan LaFlesche Picotte: Self Fashioning and Responses to Assimilation – **Chelsea Baumgartner – University of British Columbia, Okanagan**
- VII. “Disruptive” Diagnostic Tools in Medicine: The Case of Point-of-Care Ultrasound (POCUS) and its Recent History” – **Michael Chen – Western University**
- VIII. “*What are you made of?*” Lower Limb Prosthetic Materials through the Ages – **Jessica Norman – University of Calgary**
- IX. The History of the Hotchkiss Brain Institute – Its First Ten Years as a Centre for Neurological and Mental Health at the University of Calgary – **Connor Sweazey – University of Calgary**

**SPECIAL EDUCATION POSTER SESSION**

**12:45 PM – 1:15 PM HRIC ATRIUM – Chair: Dr. Glenn Dolphin and Dr. Wendy Benoit**

***HISTORICAL INTERLUDES: A Strategy for Setting Context to Teach about the Products and Process of Geoscience***

- X. The Piltdown Man – **Jessica Burylo – University of Calgary**
- XI. What killed the dinosaurs?: A geological quest – **Emily Hurst – University of Calgary**
- XII. ...like hovering in a balloon high above an unknown land, which is hidden by clouds: Early to mid-20<sup>th</sup> century explorations of the sea floor – **Simon Wiebe – University of Calgary**
- XIII. On the Path of Discovery: The Controversy and Science Behind Chicxulub Crater – **Wyatt Petryshen – University of Calgary**

**1:15 PM – 1:45 PM LUNCH** (HRIC Atrium)

**SESSION 7 – “GIANTS IN THE HISTORY OF MEDICINE”**

**1:45 PM – 3:00 PM LIBIN THEATRE – Chair: Professor David Marshall – History Department**

23. Anatomy and Relevance in the 16<sup>th</sup> Century: The Work of Bartolomeo Eustachi – **Adam Kwinter – Western University**
24. The Man and the Menagerie: Glimpses of John Hunter – **Scott Belyea – University of Calgary**
25. The Kiss of Life: William Tossach, John Fothergill, and Mouth to Mouth Rescue Breathing in 18<sup>th</sup> Century Britain – **North de Pencier – Western University**
26. A New Frontier – Pioneer Doctors of Alberta and Their Interactions with the Blackfoot People – **Gloria Mak – University of Calgary**
27. “Doctor to the World:” Brock Chisholm and the Evolution of Global Health – **Zamé Engelbrecht – Memorial University of Newfoundland**

**3:00 PM – 3:30 PM COFFEE BREAK (HMRB)**

**SESSION 8 – “PUBLIC HEALTH AND GLOBAL HEALTH”**

**3:30 PM – 4:45 PM LIBIN THEATRE – Chair: Dr. Lindsay McLaren - Community Health Sciences**

28. Voices for Vaccines: Poetic Responses to Anti-Vaccine Campaigns in 18<sup>th</sup> and 19<sup>th</sup> Century England – **Ashleigh Frayne – University of Calgary**
29. The Origins of Independent Public Health Efforts in Colombia: Medical Publications in the First Half of the 19<sup>th</sup> Century – **Rogelio Velez Mendoza – University of Calgary**
30. Health and Disease: White Sailors and Maritime Anxiety in the Port of Calcutta – **Manikarnika Dutta – Oxford University, England**
31. A History of the Social Determinants of Health in Canada: Findings from the Canadian Public Health Association, 1910 to 2010 – **Kelsey Lucyk – University of Calgary**
32. Public Health Advocacy in Alberta: The History of the Alberta Public Health Association, 1943-2015 – **Isabel Ciok – University of Calgary**

**4:45 PM – 5:00 PM SHORT BREAK**

**SESSION 9 – “THE HISTORY OF BIOMEDICAL ETHICS”**

**5:00 PM to 6:00 LIBIN THEATRE – Chair: Dr. Ian Mitchell - Bioethics Research Group**

33. First: Do No Harm – The History and Refinement of Psychosurgery – **Matthew Volpini – Western University**
34. Purging of the Unfit: Social Ideas that Contributed to the Utilization of Euthanasia as a Method of Eugenics under the Nazi Regime – **Hao Li – Western University**
35. Bringing a Concept of Interdisciplinary Neuroscience Across the Atlantic: How Forced Immigration during WWII Influenced the Creation of Cognitive Science – **Vincent von Hoekendorf – University of Osnabrück, Germany**
36. Criminals in the White Coats: How Community Regulations Prevent Physicians from Killing their Patients – **Prabhpreet Kaur Hundal, Stanislav Pasyk and Jatinderpreet Singh – Queen’s University**

**6:30 PM SPECIAL EVENT – A THEATRE PLAY - Cassio Room, Main Campus**

***Meg Braem, MFA “Vital Spirits: A Play in Progress”***

**Department of Theatre and Dramatic Arts, University of Lethbridge, Alberta**

**7:30 PM AWARDS BANQUET**

**“CASSIO ROOM”**

**MAC HALL**

**MSC 228, 402 Collegiate Blvd. NW**

**The University of Calgary**

**(Prior Registration Required)**

**THE CALGARY FIDDLERS**

