

24th HISTORY of MEDICINE DAYS 2015

Friday, March 6, 2015



UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE



Program

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

Clara Christie Theatre

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

8:35 AM – Greeting Addresses

Dr. Jon Meddings, Dean – Cumming School of Medicine

Dr. Florentine Strzelczyk, Vice Dean – Faculty of Arts

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 – METAPHORS AND PARADIGMS IN THE HISTORY OF BIOMEDICAL SCIENCE

9:00 AM – 10:15 AM Clara Christie Theatre – Chair: Prof. Jesse L. Hendrikse, O'Brien Institute for Public Health

1. Progressing Paradigms? Medical Views of the Body in *De Humani Corporis Fabrica*, *Gray's Anatomy*, and the *Visible Human Project* – **Hannah MacKenzie (Western Ontario)**
2. Generating New Metaphors: Gender Politics and Obstetric Medicine in 16th and 17th Century England – **Ashleigh Frayne (Victoria)**
3. The History of Placebo Therapy and the Validity of Belief – **Alex Hope (Alberta)**
4. Difficulties with Dogma – **Marc Sonntag (Calgary)**
5. A Change in Perspective? – A Critical Discourse Analysis of the Evolution of the Diagnostics and Statistical Manual of Mental Disorders – **Geoffrey Leblond (Northern Ontario)**

10:15 AM – 10:45 AM COFFEE BREAK (HMRB Atrium)

SESSION 2 – HISTORY OF PUBLIC HEALTH

10:45 AM – 11:45 Clara Christie Theatre Chair: Prof. Lindsay McLaren, Department of Community Health Sciences

6. Eating Disorders: Evolution in the Diagnostic Criteria As Reflected in the Diagnostic and Statistical Manual of Mental Disorders – **Jessica Bryce (Western)**
7. Changing Views of Social Inequity in Population and Public Health – **Kelsey Lucyk (Calgary)**
8. Irish Physician Immigration and Influence on Medicine in Newfoundland: The Case of Dr. Hugh Twomey – **Brian Harnett (Memorial)**
9. "All The Best Qualities of Her Nature:" The Struggle to Establish a Training School for Nurses at the Montreal General Hospital, 1870–1890 – **Tamara Lees (McGill)**

11:45 AM – 12:00 PM COFFEE BREAK (HMRB Atrium)

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

*"How Mental Health Facilities Met Their Staffing Needs
in an Era of Expanding and Changing Services"*

Dr. Peter Twohig, Canada Research Chair in Atlantic Canada Studies, Department of History, Faculty of Arts, St. Mary's University, Halifax, Nova Scotia

*In conjunction with the O'Brien Institute for Public Health, the Calgary History of Medicine Society,
and the Calgary S.T.E.M.S. Colloquium*

Friday, March 6, 2015 – Libin Theatre

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

SESSION 3 – HISTORY OF PSYCHIATRY I

2:30 PM – 3:30 PM **LIBIN THEATRE**

Chair: **Dr. Peter Twohig (Halifax)**

10. Harmful Language: An Historical Analysis of the Rhetoric of Harm Reduction in Vancouver – **Elena-Bianca Barbir (Queen's)**
11. Pot Called the Kettle Back: Harry Stack Sullivan's and his Psychiatry from the Closet – **Jake Blacklaws (Dalhousie)**
12. The MetAMorphosis of Psychiatric Language and the Emergence of the Schizophrenia Concept (1902–1911) – **Yazan Abu Ghazal (Harvard, USA)**
13. The Rise and Fall of Psychoanalysis: An Investigation of Subjective Science and the Freudian Influence – **Stephanie Mokrycke (Western)**

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

4:00 PM FEATURED LECTURE – Libin Theatre – Chair: **Ms. Annie Murray, Department of Special Collections, Taylor Family Library**

“A History of Epidemics, Vaccines and Innovation”

Mr. Dennis Slater, Head of the Alberta Health Services Archives, Calgary, Alberta

SESSION 4 – HISTORY OF PSYCHIATRY II

4:45 PM – 5:45 PM **LIBIN THEATRE** – Chair: **Dr. Andrew G. Bulloch, Dept. of Psychiatry**

14. Dr. Alvin T. Mathers and Psychiatry in Manitoba, 1919-1942 – **Erna Kurbegovic (Calgary)**
15. Breaking of the Gender-Specific Roles through Collaboration between Couples in the History of Neuroscience – **Anosha Kiran Ulfat (Calgary)**
16. William S. Halsted and Medical Cocaine: An Affair to Remember – **Sarah Erem (Calgary)**

5:45 PM – 6:00 PM **BREAK** (HMRB Atrium)

6:00 PM FEATURED SESSION – Libin Theatre – Chair: **Dr. Geoffrey Hudson, Northern Ontario School of Medicine**

“Braiding History, Philosophy and Model-Based Learning in Science Teaching and Education”

Prof. Glenn Dolphin, Department of Geosciences & Werklund School of Education, Calgary, Alberta with three students: Emily Hurst, Simon Wiebe and Jessica Burylo

6:45 PM **HOT BUFFET DINNER** (HRIC Atrium)
[Prior Registration Required]

Saturday, March 7, 2015 – Libin Theatre

7:30 AM REGISTRATION and CONTINENTAL 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 – HUMAN SUBJECT EXPERIMENTATION AND CLINICAL RESEARCH

9:00 AM – 10:00 AM LIBIN THEATRE

Chair: Dr. Aleksandra Loewenau, Department of Community Health Sciences

17. Dr. Peter Henderson Bryce: A Beacon of Truth Toward Reconciliation – **Madeline Arkle (Western)**
18. “He Came too Late into a Dark and Insane Place.” – A Comparison of Different Individual Conduct Displayed by Two SS-Physicians Stationed in the Infirmary of the Concentration Camp Flossenbuerg, Germany, during the Second World War – **Jessica Tannenbaum (Erlangen, Germany)**
19. A Level Playing Field for Ontario and Saskatchewan: Cancer Therapy Research with Human Subjects and its Ethics in the 1960s – **Fedir Razumenko (Saskatoon)**
20. Historical Changes in Canadian End of Life Care: The Technological Push – **Tammy Nighswander (Calgary)**

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

SESSION 6 – BIOMEDICAL ETHICS IN HISTORY

10:30 AM – 11:30 AM LIBIN THEATRE – Chair: Dr. Ian Mitchell, Department of Paediatrics

21. Investigating the Influence of 20th Century War Times in Shaping the Medical Research Relationship between the United States and Canada in the 20th Century – **Lauren Taylor (Calgary)**
22. Winds of Quandry, Gales of Ignorance: Political and Social Reactions to Federally Sanctioned Nutritional Experiments in Residential Schools – **Zach Kuehner (Northern Ontario)**
23. The Osler Society at Western University, Canada: A Century of Enhancing Medical Education – **Daniel Liu (Western)**
24. A Review of the Increasing Use of the Hippocratic Oath at North American Medical Schools in the 20th Century – **Steven Thomson (Calgary)**

SESSION 7 – MILITARY MEDICINE

11:30 AM – 12:30 AM LIBIN THEATRE

Chair: Prof. Petra Dolata, Department of History

25. Plastic Pioneers: Repairing the Ravaged Faces of the First World War – **Alison Bumstead (Calgary)**
26. Roles of Fulton Risdon, Stuart Gordon & Alfred Farmer in Canadian Plastic Surgery – **Malika Ladha (Calgary)**
27. Lieutenant-Colonel David Tamblyn: Veterinarian, Civil Servant, and Soldier – **Andrew McEwan (Calgary)**
28. Problematizing the Soldier Suicide: Mental Health and the Canadian Army in the Second World War – **Will Pratt (Calgary)**

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

Saturday, March 7, 2015 – Libin Theatre

POSTER SESSION I

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

- I. The Many SecrEATs of the Placenta – **Jennifer Chen (Calgary)**
- II. Sanitation, Sins, and Scapegoats: How Religion both Protected and Harmed Jewish Europeans during the Black Death – **Jin Soo Andy Song (Dalhousie)**
- III. From “Infantile Sexuality” to Developmental Capital: What is Psychiatry’s Role in the History of Infancy? – **Sophie Palmer (Queen’s)**
- IV. Who Wants to Succeed a Phrenologist? – Brain Science and Localization around 1900 – **Tabea Cornel (Pennsylvania, USA)**
- V. Canadian Medical Manuals and Education in the Early Twentieth-Century – **Claire Woodworth (Memorial)**
- VI. Treatment of Rheumatoid Arthritis in Canada: Conquests for Solutions – **Nadine Qureshi (Calgary)**
- VII. The Second Round – A Renewed Effort to Eradicate Malaria and the Role of the Gates Foundation and the World Health Organization – **Yaw Amoako-Tuffour (Dalhousie)**
- VIII. The History of Vitreoretinal Surgery – **Mathew Palakkamanil (Calgary)**
- IX. Radium Dial Workers: Radium as a Useful Tool and a Deadly Metal During the Early 1920s – **Emily Hurst (Calgary)**

2:30 PM – 3:00 PM COFFEE BREAK (HMRB Atrium)

POSTER SESSION II

3:00 PM – 4:00 PM HRIC ATRIUM – Chair: Dr. Guido van Marle, Microbiology & Infectious Diseases

- X. History of Occupational Therapy Portrayal in Canadian Newspapers – **Emily Chai (Calgary)**
- XI. Evolution of Technology in Surgical Education during the Second Half of the 20th Century – **Mandy Wong (Calgary)**
- XII. The History of the Image of Nursing in Canada – **Laura Douglas, Ashleigh Tan and Deborah Wasylenko (Calgary)**
- XIII. A Young Specialty for Older Patients: Geriatrics over the Past Century – **Katriena McKay (Memorial)**
- XIV. A Case Study in the History of Pharmacology: The History of Modern Antidepressants and the Monoamine Hypothesis in the Treatment of Depression – **Madison Fulton (Calgary)**
- XV. Persistent Post-Concussion Syndrome: Where has 150 Years of Debate Left Us? – **David Bradbury-Squires (Memorial)**
- XVI. Historical and Evolving Societal Perceptions on Substance Abuse by Physicians – **Alexander Dickie (Memorial)**
- XVII. Disabled Physicians in Canada: History and Future – **Kirsten Nessel (Queen’s)**
- XVIII. Multi-talented Hermann von Helmholtz: A Case Study on the Ophthalmoscope in Determining Keys for Innovative Science and Medicine – **Daniel Stojanovic (Western)**
- XIX. Emil von Behring: Father of Serum Therapy, Pioneer of Modern Day Immunization – **Babak Aberumand (Western)**
- XX. Why not test the waters: Environmental justice, health and the limits of science among conflict-affected communities – **Rita Henderson (Calgary)**

Saturday, March 7, 2015 – Libin Theatre

SESSION 8 – BOUNDARY WORK BETWEEN PATHOLOGY AND SURGERY

4:00 PM – 5:00 PM LIBIN THEATRE

Chair: Dr. Jim Wright, Department of Pathology

29. The Edinburgh Blood-Letting Controversy: The Influence of Scientific Enquiry, Personal Experience, and Demographic Changes on Physicians' Practices – **Eliza Phillips (Calgary)**
30. How Mohs Micrographic Surgery Transformed from Surgical Quackery into a First-Line Treatment of Cutaneous Cancers – **Rob Bobotsis (Western)**
31. The Evolution of Burn Therapy during the Second World War: How the Mass Casualties of the Evacuation of Dunkirk (1940) Exposed the Inadequacy of Tannic Acid and Burn Management – **Mark Hewitt (Memorial)**
32. Auto-Ears: Cochlear Implants and the Changing Landscape of Sensorineural Hearing Impairment in Canada – **Vanessa DeMelo (Western)**

5:00 PM – 5:30 PM COFFEE BREAK (HMRB Atrium)

SESSION 9 – CHILDREN, WOMEN, AND CHANGING GENDER ROLES IN MODERN MEDICINE

5:30 PM – 6:45 PM LIBIN THEATRE

Chair: Dr. Diana Mansell, History of Nursing

33. The Forgotten World of Children's Teeth: The Medical Case Histories of Joseph Hurlock – **Esther Atkinson (Toronto)**
34. Midwives and Medical Men: The Evolution of Anatomical Models in Obstetrical Education – **Cindy Ningfu Zhu (Western)**
35. A Historical Exploration of the Professional Development and Midwife/Doula Divide in the Modern Canadian Health Care System – **Anca-Vanessa Popa (Calgary)**
36. Women in Medicine: How Far Have We Come and What is Next? – **Pamela Doran (Memorial)**

8:00 PM AWARDS BANQUET

Last Defence Lounge

350 McEwen Centre

Above the Food Court

Main Campus – The University of Calgary

[Prior Registration Required]

UCJazz

University of Calgary Students

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 6th and 7th, 2015 there will be a "Travelling History" on immunology and vaccination from the Alberta Health Services Archives which will be on display outside the Libin Theatre. This exhibit will be introduced in the featured lecture by Mr. Dennis Slater on Friday.

The Program Committee for the 2015 History of Medicine Days conference received provision for CME Credit Points under Section 1 of the Framework of CPD Options of the Maintenance of Certification program of the ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA (RCPC). The Signature Sheet for Credits will be available at the Registration Table.