



THE HAMILTON ASSOCIATION

FOR
THE ADVANCEMENT OF LITERATURE
SCIENCE AND ART

Since 1857



'The Eagles Among Us' by David M. General,
War of 1812 Bicentennial Commemoration,
Battlefield House, Stoney Creek

Free Public Lectures

2018 – 2019

Saturday talks are held in Rm. 1A1, Ewart Angus
Centre, at McMaster Medical Centre, 1200 Main St.
W., Hamilton, ON

Website: www.haalsa.org
Facebook: Hamilton Association
Twitter: @HamLitSciArt

Saturday, Sept. 8, 2018 at 8pm

Disturbing Canadian Literature: Scandal, Celebrity, and Ethical Practice

by *Lorraine York*

Canadian literature has seen a series of high-profile scandals erupt in recent years (e.g., the Joseph Boyden ancestry revelations, the UBC Accountable open letter; and the Writers' Union "Appropriation Prize"). This lecture asks: how do we read, consume, teach or conduct academic research at a time of widespread disciplinary scandal? How do we write about or perform the work of contemporary artists who are engulfed in scandal's flames? Dr. York suggests various critical means of thinking and writing about artists and their scandals rather than avoiding or abandoning the burnt-out field of the discipline or the individual scandal-ridden artist completely.

Dr. Lorraine York, FRSC, is Distinguished University Professor in the Department of English and Cultural Studies and Senator William McMaster Chair in Canadian Literature and Culture at McMaster University.

Saturday, Oct. 13, 2018 at 8pm*

Dam Busters: Canadian Airmen and the Secret Raid Against Nazi Germany

by *Ted Barris*

It was a night that changed the Second World War. On May 16, 1943, 133 airmen, many of them Canadian, took off in 19 Lancaster bombers on a high-risk Royal Air Force mission code-named Operation Chastise. Hand-picked and specially trained, the Lancaster crews flew at treetop level from England to the industrial heartland of the Third Reich and their targets – the Ruhr River dams – whose massive water reservoirs powered Nazi Germany's military industrial complex. Based on extensive research from his latest book, including personal accounts, logs, diaries, maps, and photographs, Ted Barris offers his insight into this dramatic true story.

Mr. Barris is an award-winning journalist, author and broadcaster. Among his 18 other non-fiction bestsellers, *The Great Escape: A Canadian Story*, won the 2014 Libris Non-Fiction Book Award of the Year.

***Annual General Meeting: 7:15-7:45 pm**

Saturday, Nov. 17, 2018 at 8pm

Engineering the Fight Against Cancer

by Jonathan Bramson

White blood cells can do more than simply fight infections, they can also fight cancers. Unfortunately, the white blood cells in cancer patients lose their ability to fight. However, their fighting spirit can be restored through engineering. Dr. Bramson discusses the promise of this new technology and the first FDA-approved white blood cell drugs for leukemias.

Dr. Jonathan Bramson is Vice-Dean of Research for the Faculty of Health Sciences at McMaster University.

Saturday, Dec. 8, 2018 at 8pm

Secrets from Stellar Nurseries: The Early Lives of Star Clusters

by Alison Sills

We know that stars are born out of large clouds of gas and dust. Most stars are born in groups. But what happens next? Do siblings stick together, moving through the universe together all their lives or do they disperse and move out of their birth neighbourhood as soon as they can? What influence do they have on their nursery cloud? If another family of stars is born next door — do they get together? Using a combination of observations and simulations, this talk explores what we know about the early evolution of star clusters.

Dr. Alison Sills is Professor of Physics & Astronomy at McMaster University.

THE 19th DR. JOHN RAE LECTURE

Saturday, Jan. 12, 2019 at 8pm

Yukon's Fossil Gold Rush

by Grant Zazula

Since the great Klondike Gold Rush of 1898, scientists have worked with miners in Canada's Yukon Territory to collect and study incredible fossils of ice age mammals that are uncovered at remote gold mines. Bones, teeth and skulls of woolly mammoths, extinct camels and giant steppe-bison help paint a picture of life in the ancient Arctic and of how ecosystems have changed over the millennia as a result of climate change. The exceptional preservation of Yukon's fossils are at the forefront of

cutting-edge genetic research on the evolution and extinction of these fantastic beasts from the frozen ground.

Dr. Grant Zazula, Yukon Palaeontologist in the Yukon Department of Tourism & Culture, oversees a program of research, resource management and public education.



Wed, Jan. 16, 2019

at 7:30pm

Bach and his Instruments

St. Paul's United Church

29 Park St. W, Dundas

The Hamilton Philharmonic Orchestra and The Hamilton Association partner to celebrate Bach. Join HPO musicians and Composer-in-Residence, Abigail Richardson-Schulte, as we explore the fascinating life and musical world of Johann Sebastian Bach. Please register for this event at www.hpo.org.

Saturday, Feb. 2, 2019 at 8pm

Soundscapes and Screens

by Jamshed Turel

Movies, television and gaming have become key elements in modern culture. Music plays an enormous role in such media, one that viewers may be largely unconscious of as it sweeps them into the action. Drawing on an extensive background in the film, television and video game industries, Jamshed Turel discusses the various ways in which soundtracks are created to compliment, enhance or subvert the action and narrative on screen. Musician, composer, orchestrator, music editor, and teacher, Mr. Turel is Coordinator of the Applied Music Program at Mohawk College in Hamilton.

Saturday, March 2, 2019 at 8pm

Working with Neuroplasticity to Overcome Hand Paralysis

by Milos Popovic

One type of neuroprosthesis is an artificial device used to replace and substitute function in a non-functioning hand—a patient depends on such a device for their entire life to reach and grasp objects. This lecture presents an innovative neuroprosthetic invention, the MyndMove[®] device, developed to restore voluntary hand function after severe stroke and spinal cord injury, including the results of two pivotal Phase II randomized control trials, and discusses the long journey (20⁺ years) and the challenges

involved in transferring research into commercially viable technology.

Dr. Popovic is the Toronto Rehabilitation Institute Chair in Spinal Cord Injury Research and Professor in the Institute of Biomaterials and Biomedical Engineering at the University of Toronto.

Saturday, April 6, 2019 at 8pm

Achieving Heart Health through Exercise for All Ages

by Maureen MacDonald

Age and inactivity are two of the most prominent risk factors for heart disease, and exercise training is a well-established lifestyle intervention with numerous benefits including improvements in overall health and quality of life. Despite the constant stream of media information on fitness and health, most people do not know what the optimal exercise program for them is as they progress through different stages of life. Dr. MacDonald discusses research informing practical, feasible, safe and effective exercise programs to encourage heart health for all ages.

Dr. Maureen MacDonald is a professor in the Department of Kinesiology with expertise in cardiovascular exercise physiology and Dean of Science at McMaster University.

Executive Council, 2018 - 2019

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The Hamilton Association, one of our country's oldest non-profit cultural organizations, has enhanced community knowledge with free public lectures since 1857. The Hamilton Public Library, Royal Botanical Gardens, Hamilton Camera Club, Art Gallery of Hamilton and McMaster University all began with or drew early support from HAALSA. The Association has status at McMaster University as an accredited outside organization.

The Maitland Banting Silver Quill Award

- an award of up to \$250 for short fiction by teenage entrants in the Power of the Pen competition showing an excellent use of language.

Hamilton Association Young Poet Award

- an award of up to \$250 for poetry entered in the Power of the Pen competition. Inquire for entry forms at any local library branch.

Hamilton Association Young Musician Award

- a \$250 award for excellent performance, administered by the Dundas Valley Orchestra, stressing musicianship and interpretation, includes the opportunity to perform at a DVO concert.

da Vinci Science Fair Award

- one or more awards of up to \$250 for students in the Bay Area Science and Engineering Fair.

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**Tax receipts will be provided for memberships and other donations. Forms are available online at [www.haalsa.org](http://www.haalsa.org)**

Please check the website for a location map, directions and parking advice, as well as for any **notices of cancellation** due to weather or other unforeseen circumstances.

**Inquiries: phone 905-527-0080 or email [secretary@haalsa.org](mailto:secretary@haalsa.org)**