

Student Research Day



The Department of Oncology Presents:
14th Annual
Oncology Research Day

PROGRAM

Thursday, June 22, 2017
9:00 am - 3:00 pm
4th Floor, JCC Lecture Theatre

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ITINERARY

Oncology Research Day
Juravinski Cancer Centre
4th Floor Lecture Theatre

Thursday, June 22, 2017
9:00 a.m. to 3:00 p.m.

Time	Event
9:00 – 9:15 a.m.	Welcome, Dr. Bindi Dhesy, Associate Chair, Education, Associate Professor, Department of Oncology
9:15 – 10:45 a.m.	Oral Presentations
10:45 – 12:00 noon	Poster Viewing
11:30 – 12:00 noon	Lunch
12:00 – 1:00 p.m.	Keynote Speaker, Dr. George Browman, “Simple Twists of Fate in F: An Unplanned, Scenic Journey in Cancer Research”.
1:00 – 2:30 p.m.	Oral Presentations Continue Dr. Timothy Whelan, Associate Chair, Research Professor, Department of Oncology
2:45 – 3:00 p.m.	Awards Presentation The Stuart Jay Cohen Memorial Awards Presentation <ul style="list-style-type: none">• Poster Research Awards• Oral Research Awards Dr. Mark Levine, Chair, Department of Oncology <ul style="list-style-type: none">• Acknowledgements and Closing Remarks

POSTER VIEWING FROM 10:45 A.M. – 12:00 NOON

	Student	Supervisors & Presentations
1	<p>Jamie Bartlett MBA Student McMaster University 9: 15 – 9:30 a.m.</p>	<p><u>Title:</u> Permission to contact: Improving research recruitment at the Juravinski Cancer Centre and Hamilton Health Sciences</p> <p><u>Supervisor:</u> Dr. Andrew Arnold, Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre</p>
2	<p>Nhu Tram Nguyen Clinical Fellow, Radiation Oncology McMaster University 9: 30 – 9:45 a.m.</p>	<p><u>Title:</u> Early outcomes of patients with locally advanced esophageal cancer treated with trimodality treatments</p> <p><u>Supervisor:</u> Ranjan Sur, Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre</p>
3	<p>Aziz Al farsi Clinical Research Fellow Medical Oncology McMaster University Juravinski Cancer Centre 9: 45 – 10:00 a.m.</p>	<p><u>Title:</u> Immune checkpoint inhibitors in advanced Non-Small Cell Lung Cancer (NSCLC) after failure of first line chemotherapy: A Systemic Review and Meta-analysis</p> <p><u>Supervisor:</u> Dr. Peter Ellis, Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre</p>
4	<p>Lyndsay Rayner Graduate Student Biology McMaster University 10:00 – 10:15 a.m.</p>	<p><u>Title:</u> Kaiso regulates miRNA-31 and miRNA-200 expression in Triple Negative Breast Cancer (TNBC) cells</p> <p><u>Supervisor:</u> Dr. Juliet Daniel, Professor, Biology McMaster University</p>
5	<p>Naghmeh Isfahanian Clinical Fellow Radiation Oncology McMaster University 10: 15 – 10:30 a.m.</p>	<p><u>Title:</u> 3D conformal radiotherapy (3D-CRT) vs intensity modulated therapy (IMRT) for pelvic lymph node radiation in High Risk Prostate Cancer (HR-PrCa). <i>Results of an early dosimetry analysis</i></p> <p><u>Supervisor:</u> Drs. Ian Dayes, Theos Tsakiridis, Associate Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre</p>
6	<p>Sophie Poznanski Graduate Student Medical Sciences McMaster University 10: 30 – 10:45 a.m.</p>	<p><u>Title:</u> The adoptive transfer of patients' own expanded NK cells as a novel therapeutic for ovarian cancer</p> <p><u>Supervisor:</u> Dr. Ali Ashkar, Professor, Pathology & Molecular Medicine, McMaster University</p>

LUNCH FROM 11:30 A.M. TO 12:00 NOON

**KEYNOTE SPEAKER: DR. GEORGE BROWMAN, MD., MSc., FRCPC
"SIMPLE TWISTS OF FATE IN F: AN UNPLANNED, SCENIC JOURNEY IN CANCER
RESEARCH"**

FROM 12:00 NOON TO 1:00 P.M.

ORAL PRESENTATIONS RESUME AT 1:00 P.M.

7	Pablo Serrano PhD Candidate Department of Surgery McMaster University 1:00 – 1:15 p.m.	<u>Title:</u> Incidence of venous thromboembolic events following major pelvic and abdominal surgery for cancer <u>Supervisor:</u> Dr. Mohit Bhandari, Professor, Department of Surgery, McMaster University
8	Oren Levine Clinical Research Fellow Medical Oncology McMaster University 1:15 – 1:30 p.m.	<u>Title:</u> The PULSES Project: Teaching the vital elements of code status discussions to Oncology residents <u>Supervisor:</u> Dr. Bindi Dhesy, Associate Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre
9	Amy Gillgrass Postdoctoral Fellow Oncology McMaster University 1:30 – 1:45 p.m.	<u>Title:</u> Triple negative breast cancer and the immune system: A complex interaction <u>Supervisor:</u> Dr. Anita Bane, Associate Professor, (Part Time), Oncology, McMaster University, Juravinski Hospital and Cancer Centre
10	Mira Goldberg Clinical Research Fellow Radiation Oncology McMaster University 1:45 – 2:00 p.m.	<u>Title:</u> The effect of boost radiation after breast conserving therapy on local control and adverse effects: A systematic review and meta-analysis <u>Supervisor:</u> Dr. Timothy Whelan, Professor, Oncology, McMaster University, Juravinski Hospital and Cancer Centre
11	Jessica Bogach Resident Surgery McMaster University 2:00 – 2:15 p.m.	<u>Title:</u> Does the addition of biologic agents to chemotherapy in patients with unresectable colorectal cancer metastases result in a higher proportion of patients undergoing complete resection? A systematic review and meta-analysis <u>Supervisor:</u> Dr. Pablo Serrano, Assistant Professor, Department of Surgery, McMaster University, Juravinski Hospital and Cancer Centre

JCC 4th Floor (10 Wing)



Poster Locations

A. Gur Chandhoke

Exogenous estrogen therapy and testicular cancer: An evolving issue in the male to female transgender population

B. Gur Chandhoke (DO NOT JUDGE)

Oncology Providers and Medical Assistance in Dying: Where do we stand?

C. Luke Bayer

Characterization of aged and carcinogen-treated Kaiso overexpressing transgenic (KaisoTG) Mice

D. Jason Ding

Neoadjuvant chemoradiation versus radiation alone in locally advanced colon cancer with a threatened margin and resultant R0 resection rates

E. Annie Duan

ASpirin use in Patients with Essential Thrombocythemia: Survey of opinion and practice (ASPEcTS)

F. Kira Wang

Pain palliation with hypofractionated radiotherapy in unresectable pancreatic cancer

G. Pablo Serrano

REctal and Hepatic ReSEction for Rectal Cancer with Synchronous Liver MeTastases (RESECT): Simultaneous vs. Staged. A systemic review

H. Rida Haider

The bladder log App: A feasibility study assessing the perceptions of radiation therapists and prostate patients

I. Blessing Bassey-Archibong

Kaiso is more highly expressed in TNBC tissues from Women of African Ancestry (WAA) compared with Caucasian TNBC tissues

Poster Locations

J. Anish Arora

Does access to end of life homecare nursing differ by province and community size? A population-based cohort study of cancer decedents across Canada

K. Marco Iafolla

Retrospective analysis of ipilimumab-induced diarrhea and/or colitis – A single centre review

L. Oren Levine

Code status communication training in Canadian postgraduate oncology programs: A needs assessment survey

M. Cici Liang

Assessing preference of nasogastric vs. gastrostomy feeding tubes in chemoradiation patients with oropharyngeal cancer

N. Ashley Lau

Female sexual dysfunction following radiation therapy for anal canal cancer

O. Gillian Lampkin

Basic Science of chemotherapy E-modules

P. Danial Qureshi

Time to 1st initiation of palliative homecare nursing: Determining a benchmark

Q. Ahmed Al Lehebi (DO NOT JUDGE)

Survival of cancer patients post-ICU admission

Poster Locations

R. Julianna Sienna

A case series of patients with endometrial adenocarcinoma treated with neoadjuvant radiation from 2004-2014

S. Tessy Vattaparambil

Staff perception on delegation and role expansion in radiation therapy and brachytherapy



Keynote Speaker

Dr. George Browman

BSc (McGill), MD (McGill) MSc, (McMaster) FRCP(C), FASCO

Clinical Professor in the School of Population & Public Health at the University of British Columbia

Professor (Part Time), Department of Health Research Methods, Evidence, and Impact

Associate Member, Department of Oncology, McMaster University

George is a medical oncologist and former Professor and Chair of McMaster's Department of Clinical Epidemiology & Biostatistics (now HEI) and former CEO of the Juravinski Cancer Centre. He left Hamilton in 2004 joining the Alberta Cancer Board as Director of the Tom Baker Cancer Centre and as Head of the Department of Oncology at the University of Calgary. In 2007 he joined the BC Cancer Agency, where he served for 7 years as Chair of the UBC affiliated BC Cancer Agency's Research Ethics Board. He returns today to address students of the Department of Oncology at McMaster about his career experiences in cancer research.

In announcing George as the recipient of its 2017 Joseph V. Simone Award "for excellence in quality and safety in the care of patients with cancer", the American Society of Clinical Oncology (ASCO) described him as "An innovator in quality cancer care". Dr. Browman was presented with the award at the 2017 ASCO Quality Care Symposium in March held in Orlando, Florida.

ASCO further noted that "Dr. Browman was the Founding Director of Cancer Care Ontario's (CCO) Program in Evidence-based Care from 1998 to 2004. Under his oversight, CCO's oncology guidelines program became a model for the development and dissemination of rigorous evidence-based guidelines in oncology, and also for research into methods for improving guideline development and implementation for optimal cancer care. As Chair of the Canadian Partnership Against Cancer Guidelines Action/Advisory Group, he established a national network to extend the impact of CCO's guidelines experience and expertise through partnerships across the globe, including collaborations with ASCO's guidelines program and France's cancer guidelines initiatives".

In addition to his contributions to quality cancer care through evidence-based guideline development, Dr. Browman has also led clinical trials in head and neck cancer and hematologic malignancies, and made original contributions to the field of quality of life measurement. Most recently, he has worked to advance research in bioethics, particularly as it relates to its applications to precision medicine.

Though now retired from full-time oncology practice, Dr. Browman stays active in the oncology research community, serving as a member of the Methodology Subcommittee of ASCO's Clinical Practice Guidelines Committee; as Clinical Professor in the School of Population & Public Health at the University of British Columbia; and as Professor Part Time in the Departments of Health Research Methods, Evidence, & Impact, and Oncology at McMaster University. He continues to collaborate on many research projects. His educational contributions are now restricted to mentorship of junior Faculty members near his home in Victoria, BC.

EVENT JUDGES

Oral Presentations

Dr. Anand Swaminath, B.Sc., MD., FRCPC
Associate Professor, Division of Radiation Oncology
Department of Oncology, McMaster University

Dr. Swaminath is a radiation oncologist at the Juravinski Hospital and Cancer Centre, and an Associate Scientist at the Escarpment Cancer Research Institute in Hamilton, Ontario. His main clinical interests are in the treatment of lung and hepatobiliary cancers with a focus on the use of ablative radiotherapy directed at primary lung cancer and oligometastatic disease. His research interests are mainly in the evaluation of new technologies in radiotherapy delivery, clinical trials and patient outcomes.

Dr. Rosalyn Juergens, BS., MD., Ph.D.
Associate Professor, Division of Medical Oncology
Department of Oncology, McMaster University

Dr. Juergens is a medical oncologist at the Juravinski Cancer Centre and Scientist at the Escarpment Cancer Research Institute in Hamilton, Ontario. Her clinical expertise is in the area of lung cancer and esophageal cancer. Her area of research expertise is in functional imaging with FLT PET. Dr. Juergens' other area of research has been in developmental therapeutics with a focus on epigenetics. Her work focuses on the inhibition of DNA methyl transferase and histone deacetylators as therapeutic options in oncology

Dr. Bradley Doble, Ph.D.,
Scientist, McMaster Stem Cell and Cancer Research Institute (SCC-RI)
Assistant Professor, Department of Biochemistry and Biomedical Sciences, McMaster University

Dr. Doble's research program is focused on understanding the signaling mechanisms that maintain embryonic stem cells in a pluripotent self-renewing state versus those that promote their differentiation into specialized cell types. He is particularly interested in understanding how signals are relayed through cells via changes in the phosphorylation status of signaling molecules. Enzymes called kinases are responsible for phosphorylating proteins, often dramatically changing the function of the protein targets.

EVENT JUDGES

Poster Presentations

Dr. Janos Juhasz, B.Sc., M.Sc., Ph.D., MCCPM
Medical Physicist and Adjunct Professor
Department of Medical Physics
Juravinski Cancer Centre and Ryerson University

Dr. Janos Juhasz's primary research and clinical focus is in the field of radiation biophysics and image guided radiation therapy. He is currently a member of the breast disease site team and responsible with the total body irradiation treatment. In addition, Dr. Juhasz also teaches radiation biology and radiation therapy at Ryerson University in Toronto.

Dr. Elaine McWhirter, MD., FRCPC
Associate Professor, Division of Medical Oncology
Department of Oncology, McMaster University

Dr. McWhirter's clinical and research expertise includes the care of patients with malignant melanoma and gastrointestinal (GI) malignancies. She is Chair of the Melanoma-Skin Disease Site Group (MS-DSG) and member of the Gastrointestinal Disease Site Group (GI-DSG).

Dr. Sachi Voruganti, MBBS, DMRT., MD., M.Ed., FRCPC
Associate Professor, Division of Radiation Oncology
Department of Oncology, McMaster University

Dr. Voruganti's clinical and research expertise includes breast and gynaecological cancers and malignant hematology. Dr. Voruganti was the creator of the Department of Oncology Student Research Day, and served as Chair of the Research Day Committee from 2003 to 2016.

Special thanks to:

Dr. Chris Hillis, Assistant Professor, Division of Malignant Hematology, Dr. Crystal Hann, Assistant Professor, Division of Radiation Oncology and Dr. Ali Ashkar, Professor, Department of Pathology and Molecular Medicine, who generously gave their time in reviewing the abstract submissions for this year's Student Research Day.

In addition, thank you to Dr. Tom Farrell, Professor, School of Interdisciplinary Science at McMaster University and Medical Physics at the JCC who substituted for Dr. Juhasz as a poster judge on Wednesday evening.



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The Juravinski Hospital and Cancer Centre

The Stuart Jay Cohen Memorial Fund