



Annual Report 2016–2017

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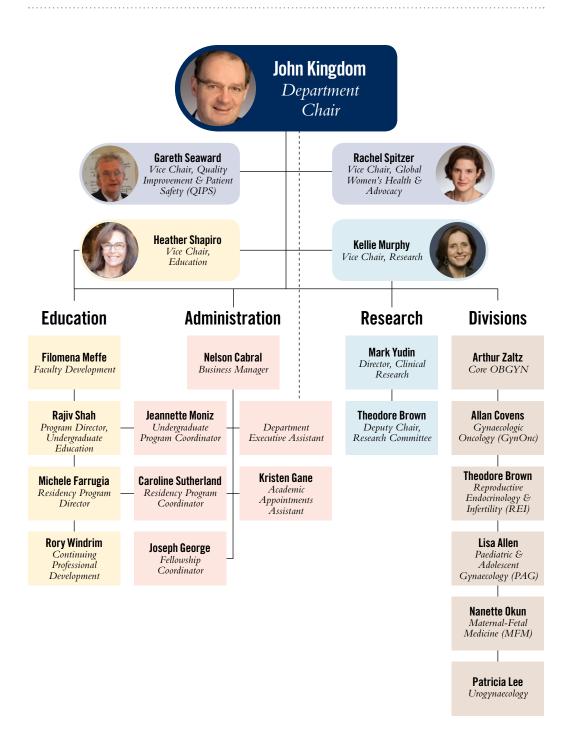
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105 PRESENTATIONS

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ORGANIZATIONAL STRUCTURE



MISSION STATEMENT



Our Mission

Our mission is to generate game-changing research, improve standards of care, advance public policy, and prepare the physicians and leaders of tomorrow in ways that transform the health of women locally, nationally and around the world.

Our Vision

As a unified department, we aim to develop, fully leverage and integrate ground-breaking research, knowledge and practice in obstetrics and gynaecology from across our extensive network to transform women's health locally, nationally and around the world.

The Department would like to thank the following individuals for their contributions to the creation of this report:

- Nelson Cabral
- Jeannette Moniz
- Caroline Sutherland
- Kristen Gane
- Joseph George
- · Ashley Lanys
- Michael Browne

MESSAGE FROM THE CHAIR



WELCOME to our 2016-2017 Annual Report prepared by our Communications Specialist, Michael Browne. This is the 4th report from me as Chair. Each forms the basis for our Self-Study report, covering the 5-year period 2012–2017, in advance of our External Review, February 26–27, 2018.

Continuing our tradition of celebrating our trainees, our report showcases our expanding summer student program, guided by our Research Committee.

This year we had 8 University of Toronto medical students participate in the CREMS Summer Student Research program, with an additional 11 students supported via the Chair's Summer Student program. You can read about their projects in this report at pages 43–52.

Thanks to the leadership of Filomena Meffe and her team, we had a very successful and well-attended

Faculty Professional Development Day at Vaughan Estates on November 11, 2016. Our guest speakers were Dr. Brian Murray, who spoke about "Sleep: Your Health and Clinical Practice" and Dr. Karen Leslie, who spoke about how to ensure that academic careers are both successful and fulfilling. The theme for the day was exploring topics on faculty mentorship and wellness. The day concluded with our awards ceremony, where yet again, many talented individuals across all our hospital sites were recognized for their outstanding contributions. This year's recipients of our Education and Research Awards and our Undergraduate and Postgraduate Teaching Awards are listed in this report at page 66.

We have continued to formally celebrate our faculty members who were successful with their Senior Promotions, effective July 1st, 2017. Dr. Ellen Greenblatt was promoted to full Professor. Consequently in the past 4 years, 6 out of 7 of our newly-minted full professors have been women, sending an important signal of encouragement to our trainees and junior faculty members.

In December 2016, Dr. Donna Steele received our Department's APOG Carl Nimrod Educator of the Year Award.

Research Day in May 2017 was yet another great success, with over 100 abstracts and over 300 attendees. My deep thanks to Nelson Cabral, the administration team, and hospital administrators and volunteers, for their superb contribution to the smooth execution of this event which remains a highlight in our year. Special thanks go to our Vice Chair, Research, Kellie Murphy, and her committee, especially to Ted Brown and Mark Yudin, who together with our administration team orchestrated a world-class event, scientifically on par with any international meeting. Dr. Dorothy Shaw from the University of British Columbia was our Henderson Lecturer with the title, "How Evidence Informs Advocacy for Women's Health: A Lifelong Journey."

The Department continues to support the key transition from senior trainee to junior faculty position in their first 3–4 years. Each award provides support in the form of protected academic time. This past academic year, we awarded Dr. Stefania Ronzoni, a new faculty member at Sunnybrook Health Sciences Centre, with a Junior Faculty Award for three years.

In June 2017, we concluded our academic year with our annual Graduation and Alumni Event. This time we had over 260 graduates, their families, and faculty members in attendance. Many thanks to our past—Chair, Dr. Alan Bocking, for his thoughtful address to the graduates. We were delighted that one of our oldest residency training program graduates, Dr. Bill Whittaker (graduated 1959), was in attendance with his daughter, and came to the microphone to share a few words of wisdom.

This summer a total of 13 trainees completed their PGY5 year, transitioning to specialists in Obstetrics & Gynaecology. They were accompanied by an additional 27 sub-specialists, graduating following

completion of one or more years of clinical fellowship training. At the evening, Dr. Alan Bocking also gave a wonderful expression of thanks to Dr. Donna Steele, who was a fantastic residency program director for the period 2012–2017. She is followed by Dr. Michele Farrugia.

Our 2018 Alumni and Graduation event will also be held at Hart House on June 14th. This event will be made special by the presentation and launch of our publication documenting the 175-year history of the Department of Obstetrics & Gynaecology at the University of Toronto. I do hope that you will mark your calendars to come to this event, concluding my initial 5-year appointment as Department Chair.

I would like to briefly focus on and thank our excellent administration team here at 123 Edward Street, led by our Business Officer, Nelson Cabral. As of summer 2016, we welcomed Ms. Ashley Lanys to focus on supporting our Global Health initiatives under the direction of Dr. Rachel Spitzer.

Each of our 5 areas of focus identified in our strategic plan 2014-2019 continues to develop. This year, our Global Women's Health program at Moi University, in Eldoret, Kenya, celebrates its 10th anniversary under the direction of our Vice Chair in Global Women's Health and Advocacy, Dr. Rachel Spitzer in partnership with our field director, Dr. Astrid Christoffersen-Deb. In June 2017, I am pleased to report that the Kimel Foundation generously agreed to extend their support for a further 4 years, allowing us to equally support our efforts to provide subspecialty training in both Gynaecologic Oncology and in Maternal-Fetal Medicine. You can read more about this expanding connection between our university and Kenya on pages 37-38 and on our website. We actively encourage faculty members to consider contributing to this valued program.

I would also like to congratulate the following individuals who received their faculty appointment in the 2016–2017 academic year:

New Faculty Appointments 16-17

- Odueke Adebayo
- Kayode Ayodele
- Allison Ball
- Karima Benomran
- Genevieve Bouchard-Fortier
- Nirmala Chandrasekaran
- Paul Davies
- Helena Frecker
- Eve Fried
- Sheldon Girvitz
- Karen Gronau
- Liat Hogen
- · Tianhua Huang
- Susan Jia
- · Leah Jutzi
- · Quynh Le
- Nucelio Lemos
- Leslie Po
- Katherine Pulman
- Jean-Placide Rababaza
- Monique Rose Rahmani
- Stefania Ronzoni
- Priva Sharma
- Samuel Soliman
- Prema Vaidyanathan
- Laura White

Dr. Robert Casper, former Head of the Division of Reproductive Endocrinology and Infertility (REI) at Toronto General and Mount Sinai Hospitals until 2003, became Emeritus Professor on July 1st, 2017. Bob is an internationally renowned and highly innovative REI academic. Bob went on to establish the TCART REI facility, together with his clinical fellowship in Reproductive Sciences, and continued his research career as a Scientist at the Lunenfeld Tanenbaum Research Institute at Mount Sinai Hospital. In 2014, TCART merged with LifeQuest to form TRIO where his fellowship training program will continue until June 30th, 2019. We thank Bob for distinguishing our Department at the national and international levels over many years. Our strong REI Division today owes much to his talented contributions.

I hope you enjoy the various sections of this report. Our next communications will be our 5-year self study report, followed then by the launch of our 175-year history in June 2018. As this major anniversary approaches for Canada's largest and premier Department, I sign off with my sincere thanks to you all, for your commitments to excellent patient care, your countless hours of student and resident instruction, and your efforts to deliver impactful research.

Best wishes,

Amyny

John C.P. Kingdom, M.D.
Gordon C. Leitch Chair
Department of Obstetrics & Gynaecology



Our People: Faculty, Staff, & Trainees 2016–2017

PRIMARY APPOINTMENTS



* New Appointment \parallel ** New Promotion \parallel ~ Left the department Dec 31st

Professors Emeriti

S. Lee Adamson
Alan D. Bocking
Rudi Borth
Robert F. Casper
AD (Denny) De Petrillo
Terence Doran
Douglas J. Gare
Mary E. Hannah
Walter J. Hannah
Gordon M. Lickrish
Ron A. Livingstone
JE (Ted) Morgan
Jerry Shime

Associate Professors Emeriti

Titus Owolabi

Professors

Lisa Allen**
Jon Barrett
Paul Bernstein

Jennifer Blake Theodore J. Brown Isabella Caniggia Allan L. Covens Dan Farine Michael Geary John Kingdom, Chair Stephen Lye K. Joan Murphy Kellie E. Murphy** Andras Nagy Nanette Okun** Craig Pennell Felice Petraglia J.W. Knox Ritchie Barry Rosen Greg Ryan Gareth R Seaward Mathew Sermer R. Michael Shier Rory Windrim Wendy Wolfman

Associate Professors

May Alarab Howard Berger Marcus Bernardini Janet Bodley Adrian Brown Christine Derzko Sarah Ferguson Alan Gerulath Lilian Gien** James Goodwin Ellen Greenblatt Elaine Herer Andrea Jurisicova Sari Kives Rose Kung Nucelio Lemos* Clifford L Librach Kav Lie Danny Lovatsis Cvnthia Maxwell Filomena Meffe

Nir Melamed
L. Ray Osborne**
Richard Pittini
Ian Rogers
Stefania Ronzoni*
Heather Shapiro
M. Jonathan Solnik
Rachel Spitzer
Michael Sved
Artin Ternamian
Paul Thistle
Tim Van Mieghem
Suzanne Wong
Mark Yudin
Arthur Zaltz

Assistant Professors

Hani Akoury Rebecca Arthur** Oluleke Badmos Allison Ball★ Marshall Barkin Yaakov Bentov Anne Berndl Dalip K. Bhangu Genevieve Bouchard-Fortier* Nicolette Caccia Kenneth Cadesky Crystal Chan Astrid Christoffersen-Deb Dennis K. Chu E. Anne Claessens Howard Cohen Barbara Cruickshank Marie Czikk Rohan D'Souza Marjorie Dixon Jason Dodge Xuesen Dong Nancy Durand William A. Easton Frederic A. Engle Michele Farrugia Tomer Feigenberg Helena Frecker*

Tatiana Freire-Lizama Karen Glass Mathias Gysler Peter Hawrylyshyn Man Fan Ho Liat Hogen* Tianhua Huang* Dini Hui Stephen Im Clarie Jones Johannes Keunen Yolanda A. Kirkham Murray Kroach Jamie Kroft Rachel Kupets Elvse Lackie Noor Ladhani Stephane Laframboise Andrea Lausman Patricia Lee Elyse Levinsky Grace Liu Kimberly Liu Ann Kinga Malinowski Adelmo Martoglio Taymaa May Colleen McDermott Elad Mei-Dan Eva Mocarski Matthew Morton Sergey Moskovtsev Ally Murji Dan Navot Ori Nevo Melanie Ornstein Wusun Paek Nicholas Pairaudeau Alice Pham Leslie Po★ Katherine Pulman★ Deborah Robertson David Rosenthal Nathan Roth**

Amanda Selk

Rajiv Shah

Jodi Shapiro

Prati Sharma Lindsay Shirreff Eliane Shore Oksana Shynlova Sony Sierra Mara Sobel Dana Soroka Donna Steele Wilf Steinberg Karen Tessler Bruce W. Thomas **Jackie Thomas** Modupe Tunde-Byass Danielle Vicus Fay Weisberg Wendy Whittle Georgina Wilcock★★ Herb Wong Brenda T. Woods Lecturers

Odueke Adebayo*
Anjali Aggarwal
Ambika Aneja
George Arthur
Kayode Ayodele*
Clarissa Bambao
Ari Baratz
Donna Barnwell
Karima Benomran*
Veena Bonde
Yoav Brill
Melanie Caetano
David Caloia
Shannon Causey
Dora Chan

Nirmala Chandrasekaran*
Paul Chang
Mary M.L. Cheng
Nicole Cherry
Kelly Chu
Amanda Cipolla
Shannon Corbett
Aleksandre Corbey
Stacy Lara Costa
Catherine Ann Cowal

Joseph Cramer Lanval (Joe) Daly Paul Davies★ Kristina Dervaitis Karthika Devarajan Phaedra Diamond Anthony Di Pierdomenico Patricia Dovle Marianne R. Duemler May ElHajj Eve Fried★ Louise-Hélène Gagnon Maja Gans Dimitrios Giannoulias Sheldon Girvitz* Gwendolyn Goodrow Karen Gronau* Beata Grygowski Paul Gurland Ronnie Hakim Alice Han Helen Ho Salikah Iqbal Michelle Jacobson Susan Jia★ Sybil Judah Naana Jumah Leah Jutzi* Allan Kanee Angela Kang Jevan Ko Samuel Ko★ Andrew Kotaska Danny Kreichman Asha Kurup Matthew Laskin Ouvnh Le* Sabrina Lee

Sylvie Leone-Tomaschoff

Patrick M. Liao

Terry Logaridis

Tara MacLeod

Roberta Mackenzie

Ioanne Ma

Jennifer Cram

Haidar Mahmoud Erica Mantay Siobhan Mark Mary Melchior Heather Millar Kerry Myckan Alexandra Nevin Lam Kendra Newell Andrea Page Esther Park Carol Peng Perry Phillips Jing Qin Jean-Placide Rababaza* Elin Raymond Kimberly Rogers Monique Rose Rahmani* Edward Ryan Abheha Satkunaratnam Jan Scheeres Peter W. Scheufler Priva Sharma* Nicholas Shilletto Paul Shuen Michael Silver Sarah Sinasac Gita Singh Kirsten Smith Samuel Soliman* Richard Stein Linda Stirk Shiraz Suleman Melissa Tai Scott Tigert Prema Vaidyanathan* Carol Wade Anne Walsh Peter Watt Laura White* Jeremy C. Wong Vincent Wu

Gonzalo Fernando

Zevallos

Lynne Zolis

CROSS APPOINTMENTS



* New Appointment $\ \ | \ \ **$ New Promotion $\ \ | \ \ \sim$ Left the department Dec 31st

Professors Emeriti

Michelle Letarte, Immunology

Terence Colgan*, Laboratory Medicine & Pathobiology

Associate Professors Emeriti

Sarah Keating*, Laboratory Medicine & Pathobiology

Professors

Denise Belsham, Physiology

José Carvalho, Anesthesia

William B. Chapman,

Laboratory Medicine & Pathobiology

David A. Chitayat, Paediatrics

Terence Colgan, Laboratory Medicine & Pathobiology Jack Marc Colman, Medicine – Cardiology

Anthony W. Fyles, Radiation Oncology

Stephen Halpern, Anaesthesia

Kevin Kain, Medicine Mahmoud Khalifa,

Laboratory Medicine & Pathobiology

Shoo Lee, Paediatrics

Stephen Matthews, *Physiology*

Steven Narod, Public Health Sciences

Amit Oza, Medicine

Joel Ray, Medicine

Gail Robinson, Psychiatry

Patricia Shaw, Laboratory Medicine & Pathobiology

Sam Siu, Medicine
Donna Stewart.

Donna Stewart Psychiatry Gillian Thomas,

Radiation Oncology

Ants Toi, Medical Imaging

Rosanna Weksberg, Molecular Genetics

Associate Professors

Ida Ackerman,
Radiation Oncology

Elizabeth Asztalos,

Mrinalini Balki, Anesthesia

Adalsteinn Brown,

Health Policy, Management & Evaluation

Michael Dunn, Paediatrics

Denice Feig, Medicine

Katherine Fong, Medical Imaging

Phyllis Glanc, Medical Imaging Evelyn Lambe,

Physiology

Stephen Holzapfel,

Family & Community Medicine

Sarah Keating, Laboratory Medicine & Pathobiology

Elena Kolomietz,

Laboratory Medicine & Pathobiology

Evelyn Lambe, Physiology

Carl Laskin, Medicine

Jose Sarrazin,

Medical Imaging

Michael Sgro, Paediatrics

Candice Silversides,

Medicine

John Sled,

Medical Biophysics

Rachel Wald, Paediatrics

Shui Eugene Yu, Medical Imaging

Assistant Professors

Tony Barozzino, Paediatrics

Karen Chong, Paediatrics

Brian Cox, Physiology

Mike Seed, Paediatrics

Martin Skidmore,

Paediatrics

Sandra Viero, Laboratory Medicine & Pathobiology

Lecturers

Fern Small, Psychiatry Nina Venkatrangam,

Family & Community
Medicine

ADMINISTRATIVE STAFF



Nelson Cabral, Business Manager



Jeannette Moniz, Undergraduate Program Coordinator



Caroline
Sutherland,
Residency
Program
Coordinator



Kristen Gane, Academic Appointments Assistant



Joe George, Fellowship Programs Coordinator

RESIDENTS

Postgraduate Year 1

Kailyn Brandon Sutherland Shirin Dason Pavan Gill Shira Jaclyn Gold Kinshuk Kumar Stephanie Lapinsky Alisha Olsthoorn Sara Porisky Emma Skolnik Jessica Smith Geoffrey Zeni

Postgraduate Year 2 Mohammad Albar

Meghan Brown
Michael Chaikof
Rebecca Cherniak
Humara Edell
Vishaal Gupta
Anjali Kulkarni
Siddhi Mathur
Elizabeth Miazga
Sarah Norris
Carolyn Reardon
Shabnam Sattari
Khavas
Brenna Swift
Rebecca Zur

Postgraduate Year 3

Tamara Abraham Laura Cancelliere Rita Chuang Maria Cusimano Darl Edwards Brittany Hoover Thomas Jordan Karen Levy Katherine McLean Tumushabe Mutungi Leslie Proctor Neetika Sidana Heather Sullivan Evan Tannenbaum Marina Vainder Melissa Walker

Postgraduate Year 4

Sophie Bussiere-Cote
Kristin Harris
Lesley Hawkins
Lauren Jain
Marian Leung
Sonali Lokuge
Amanda Michael
Andra Nica
Lauren Philp

Postgraduate Year 5 Marie Christakis

Lara Gotha Lacey Harding John Ibrahim Ingrid Lai Adrienne Li Mathew Leonardi Carmen McCaffrey Chaula Mehta Julie Nguyen Kirsten Niles Rebecca Rich Aparna Sarangapani Lynn Sterling Marta Wais Jellena Wong

CLINICAL FELLOWS

* Royal College of Physicians and Surgeons of Canada accredited

** American Association of Gynaecologic Laparoscopists

Advanced High-Risk Obstetrics

Director: Howard Berger Fellows: Yael Ganor, Dana Vitner

Advanced Obstetrics

Director: Dini Hui Fellow: Maayan Bas-Londo

Gynaecologic Reproductive Endocrinology & Infertility (RCPSC)*

Director: Kimberly Liu Fellows: Jason Elliott, Tamas Gotz

Gynaecologic Endoscopic Surgery

Director: Mary Melchior Fellow: Vicky Hadid

Gynaecologic Oncology (RCPSC)*

Director: Stephane Laframboise Fellow: Harinder Bran

Maternal-Fetal Medicine (RCPSC)*

Director: Cynthia Maxwell Fellows: Nirmala Chandrasekaran, Shimrit Yaniv Salem, Yair Sagi, Stefania Ronzoni, Hanan Alsehi, Rasheeda Al Tourshi

Mature Women's Health & Menopause

Director: Wendy Wolfman Fellow: Lina Huang

Minimally Invasive Gynaecologic Surgery (AAGL)**

Director: Herb Wong Fellow: Brian Liu

Minimally Invasive Gynaecologic Surgery

Director: Deborah Robertson Fellows: Grace Yeung, Aisha Yousuf

Paediatric & Adolescent Gynaecology

Director: Sari Kives Fellow: Carol King

Perinatal

Director: Cynthia Maxwell Fellows: Gharid Nourallah Bekdache, Nili Isserles, Gabrielle Cassir

Reproductive Sciences

Director: Robert Casper Fellows: Tzu-Bou Hsieh, Jigal Haas, Genevieve Genest

Reproductive Sciences & Infertility

Director: Clifford Librach Fellow: Khalid Zohni

Urogynaecology & Reconstructive Pelvic Surgery

Director: Danny Lovatsis Fellow: Andrea Santiago

Global Women's Health and Equity

Director: Rachel Spitzer Fellow: Heather Millar

COMMITTEES

Executive Committee

John Kingdom, Chair Lisa Allen, Chair, Promotions Committee Head, Division of Paediatric & Adolescent Gynaecology

Adrian Brown,

Community Affiliate Hospital Representative; Chief, North York General Hospital

Ted Brown, Head, Division of Reproductive Endocrinology & Infertility; Deputy Chair, Research Committee

Michael Geary, Chief, St. Michael's Hospital

Patricia Lee, Interim Head, Division of Urogynaecology

Kellie Murphy, Vice Chair, Research

Nanette Okun,

Head, Division of Maternal-Fetal Medicine

Filomena Meffe, Director, Faculty Development

Allan Covens,

Head, Division of Gynaecologic Oncology

Rajiv Shah,

Chair, Undergraduate Medical Education Committee; Director of Undergraduate Medical Education

Gareth Seaward,

Vice Chair, Quality Improvement and Patient Safety (QIPS) Mathew Sermer, Chief, Mount Sinai Hospital/ University Health Network/ Women's College Hospital

Heather Shapiro, Vice Chair, Education

Rachel Spitzer, Vice Chair, Global Women's Health

Donna Steele,

Chair, Residency Program Committee; Residency Program Director

Rory Windrim, Director, Continuing Professional Development

Mark Yudin, Chair, Research Committee; Director, Clinical Research

Arthur Zaltz, Chief, Sunnybrook Health Sciences Centre; Chair, Department Appointments Committee

Advocacy Commitee

Rachel Spitzer, Chair
Alan Bocking
Michele Farrugia
Tatiana Freire-Lizama
Clare Jones
Elyse Lackie
Noor Ladhani
Heather Millar
Nanette Okun
Melanie Ornstein
Rebecca Rich
Amanda Selk
Emma Skolnik
Tiffany Zigras
Rebecca Zur

Appointments Commitee

Art Zaltz, Chair
Lisa Allen
Theodore Brown
Adrian Brown
Lilian Gien
Kellie Murphy
Nathan Roth
Abheha Satkunaratnam
Mathew Sermer
Heather Shapiro
Jonathan Solnik

Combined Continuing Professional Development/Faculty Development (CPD/ FD) Committee

Filomena Meffe, *Co-Chair* Rory Windrim, *Co-Chair* Janet Bodley Adrian Brown Nicolette Caccia Richard Pittini Suzanne Wong

Department Appointments Committee (DAC)

Arthur Zaltz, Chair
Lisa Allen
Adrian Brown
Theodore Brown
Lilian Gien
Kellie Murphy
Nathan Roth
Mathew Sermer
Jonathon Solnik

Fellowship Directors Committee

Heather Shapiro, *Chair* Dini Hui Sari Kives Stephane Laframboise
Patricia Lee
Clifford Librach
Kimberly Liu
Danny Lovatsis
Cynthia Maxwell
Mary Melchior
Ally Murji
Deborah Robertson
Jonathon Solnik
Rachel Spitzer
Wendy Whittle
Wendy Wolfman
Herb Wong

Promotions & Awards Committee

Lisa Allen, Chair
Jon Barrett
Theodore Brown
Allan Covens
Dan Farine
Sarah Ferguson
Filomena Meffe
Nanette Okun
Richard Pittini
Mathew Sermer
Rachel Spitzer
Rory Windrium
Arthur Zaltz

Quality Improvement and Patient Saftey (QIPS) Committee

Gareth Seaward, Chair Nimrah Abbassi Hani Akoury Lisa Allen Jon Barrett Adrian Brown Stacy Costa Jennifer Cram Remi Ejiwunmi Elaine Herer Colleen McDermott Julie Nguyen Andrea Page Leslie Po Deborah Robertson Nathan Roth Abheha Satkunaratnam

Research Committee

Mark Yudin, Chair

May Alarab Theodore Brown Isabella Caniggia Crystal Chan Kristin Connor Allan Covens Brian Cox Maria Cusimano Rohan D'Souza Sarah Ferguson Sari Kives Noor Ladhani Clifford Librach Stephen Lye Siddhi Mathur Stephen Matthews Colleen McDermott Kellie Murphy John Snelgrove Frances Wong

Residency Program Committee

Michele Farrugia, Chair Anjali Aggarwal Clarissa Bambao Janet Bodley Ali Corbey Lilian Gien Shira Gold Shapiro Heather Dini Hui Sari Kives Marian Leung Karen Levy

Elizabeth Miazga

Andra Nica Abheha Satkunaratnam Amanda Selk Azra Shivji Donna Steele Mark Yudin Lynne Zolis

Undergraduate Education Committee

Rajiv Shah, Chair Ari Baratz Avneet Bening Koo Chun Maria Cusimano Karthika Devarajan Nicole Gibbings Ronnie Hakim Dini Hui Yolanda Kirkham Brian Liu Roberta MacKenzie Haidar Mahmoud Filomena Meffe Eva Mocarski Lauren Philp Richard Pittini Dima Saab Kiran Sahi Heather Shapiro Michal Sheinis Mara Sobel Dana Soroka Scott Tigert

Danielle Vicus



HOSPITAL STATISTICS

July 1st, 2016 to June 30th, 2017

	SMH	MSH/ UHN	SHSC	TEGH	SK	NYGH	SJHC	THP	WCH
Total Deliveries	2,738	6,494	4,249	2,891	NA	5,524	3,277	8,531	NA
Caesarean- Section Rate	29.4%	37%	38%	28.8%	NA	29%	28.6%	25.8%	NA
Total Gynaecology Procedures (major and minor)	1,344	2,619	3,092	1,755	136	4,180	1,257	8,271	1,630
Clinic Visits (excluding private office visits)	54,855	160,205	16,871	10,436	2,351	29,031³	9,530³	4,445	8,450
Number of Obstetrics Beds	221	64	26	33	NA	52	30	874	NA
Number of Gynaecology Beds	9	10	1	59 ²	0	39 ²	67 ⁵	10	0

St. Michael's Hospital					
Mount Sinai Hospital/ University Health Network					
Sunnybrook Health Sciences Centre					
Toronto East General Hospital/ Michael Garron Hospital (newly named as of Dec 2, 2015)					
SickKids					
North York General Hospital					
St. Joseph's Health Centre					
Trillium Health Partners (Credit Valley Hospital, Mississauga Hospital and Queensway Health Centre)					
Women's College Hospital					
Not Available/Applicable					

¹ Does not include an additional 10 Labour, Delivery, Recovery, and Postpartum (LDRP) beds

² Shared with other surgical specialties

³ Includes breastfeeding clinic, colposcopy clinic, C-section prep clinic, non-stress test clinic, nonstress test assessment clinic, private hospital tour, RhoGAM injection clinic, Family Birth Centre assessment clinic, FBC Foley Induction clinic, FBC obstetrical consults clinic, FBC prenatal clinic, FBC social work clinic

⁴ Includes 27 birthing suites

⁵ No gyne-designated beds; gyne surgeries go into surgery-designated beds

Division Reports

CORE OBSTETRICS & GYNAECOLOGY



ARTHUR ZALTZ, Division Head

The Division of Core Obstetrics and Gynaecology is the largest division within the Department of Obstetrics and Gynaecology at the University of Toronto. Formally known as the "Generalists," this group of physicians forms the infrastructure of the Department.

We are committed to providing excellent comprehensive care to our patients through a holistic lens, using an evidence-based approach. Our mandate is to impart the foundational knowledge, judgment, attitudes, and clinical skills necessary for our graduates to enter practice or pursue further sub-specialty training.

The Core Division includes members from the 3 major teaching sites: SHSC, SMH, MSH, and Trillium Health Partners, physicians from our long-standing community teaching sites (TEGH, SJHC, NYGH), and a growing number from other community centres across the GTA. With the granting of academic appointments to core specialists at the William Osler, site as well as the Scarborough Hospital, our divisional size has further grown.

Core specialists have had a major impact in the area of medical education. Dr. Michele Farrugia is the Program Director for Postgraduate Medical Education and Dr. Rajiv Shah is our Undergraduate

Director. Dr. Janet Bodley serves as the Faculty and Resident Wellness Director and Dr. Richard Pittini is the Director of Evaluations, Undergraduate Medical Education, University of Toronto, and Director and the Vice Chair of the Examination Board at the RCPSC. Many other members serve on the Examination Board of the RCPSC as well.

Core specialists have also become leaders in the area of Quality Improvement and Patient Safety.

Dr. Amanda Cipolla is leading a local QI project that will be taken up by the SOON network in looking at caesarean section for failure to progress.

Dr. Rachel Spitzer serves as the Vice Chair of Global Women's Health Program and Dr. Mark Yudin is the Head of the Clinical Research Committee.

Within the Division, there is excellence in MIGS (minimally invasive gynaecologic surgery), resulting in a trend away from open hysterectomy and myomectomy to a minimally invasive approach. This has led to improved patient satisfaction, safety, and reduced length of stay. The last few years have seen a surge in the grant funding and academic productivity within the MIGS group. Within this group there is expertise in managing complex surgery for the management of deeply infiltrating endometriosis. SMH offers robotic surgery for women with Stage 1 endometrial cancer and a high BMI.

There are city-wide MIGS rounds as well as collaboration amongst sites in research. 4 of our teaching hospitals train fellows in MIGS. Our MIGS surgeons are internationally recognized at the AAGL and SLS meetings, where they have served as faculty.

All residents train in core, before ultimately deciding on whether or not to pursue one of the other subspecialties. Virtually all Obstetrics and Gynaecology in the province, outside of academic centres, is managed by core specialists. Within the University, it is the core division that takes on the responsibility for most of the teaching at all levels, from pre-clerkship to clerkship, postgraduate and continuing medical education.

Goals of the Core Obstetrics and Gynaecology Division

- To ensure that we provide comprehensive training for both community practice and within academic centres for excellence within core OBGYN
- To encourage and support academic research within the Division
- To engage our partners across the GTA and Ontario, by defining issues related to safety and outcome. This is currently being addressed through the GTA-OBS (SOON) Network, which will draw upon over 70,000 births to define best practices
- To allow trainees to pursue academic excellence from within the Core Division, by promoting and supporting postgraduate training in teaching, patient safety, public health, Global Women's Health etc.
- To promote the notion of the role of a core practitioner within the TAHSN system
- To engage our alumni to support our goals through fundraising
- To lobby for the health care rights of our patients with government

Awards and Grants

- Dr. Ali Murji was the recipient of the Junior Faculty Award, University of Toronto.
- Dr. Mara Sobel was the recipient of the 2017 CREOG Faculty Award For Excellence in Resident Education.
- Dr. Sari Kives was awarded the CREOG National Faculty Award.
- 4. Dr. Donna Steele was the recipient of the Neelam Sierra Resident Advocacy Award.
- Dr. Jamie Kroft is the Chair of the Laparoscopic Suturing Program at the 2017 AAGL Annual Meeting.
- Dr. Jamie Kroft was the recipient of both an Educational Research Grant looking at night float and an AFP Innovation Grant for a TLH tool.
- Drs. Lindsay Shirreff, Ali Murji and Adrian Brown received an AHSC Innovation Grant to develop a surgical scorecard.

GYNAECOLOGIC ONCOLOGY



ALLAN COVENS, Division Head

In the 2016–2017 academic year, the University of Toronto, Division of Gynaecologic Oncology added a satellite site – Royal Victoria Hospital (RVH) in Barrie, including 3 faculty. In addition, faculty were added to Trillium Health Partners.

Tertiary/quaternary clinical services and teaching to medical students, residents, and fellows continue to be delivered at UHN, Sunnybrook, and Trillium, while full-service, multi-disciplinary care is provided at all 4 sites. Academic/research activity is robust and diverse at each of the sites.

The addition of RVH includes 3 Gynecologic Oncologists each with University of Toronto appointments – Drs. L. Jutzi, A. Ball, and L. White. With their clinical activity including not only the Barrie area, but north to Sudbury, the University of Toronto Gynaecologic Oncology reach is extensive. At the present time, electives for medical students, residents, and fellows are available with their service. With our faculty of 17 Gynaecologic Oncologists, we are one of the largest Gynaecologic Oncology divisions in the world.

Our Gynaecologic Oncology fellowship program under Dr. Laframboise's leadership continues to be the largest and only 3-year formal program in Canada. The fellowship includes one-year of research or formal education (master's in public health, epidemiology, health services, or education),

followed by 2 clinical years. The program continues to attract a very large number of excellent Canadian and international applicants. Furthermore, the fellowship has graduated a number of individuals who have gone on to become leaders in the specialty elsewhere. Drs. Harry Brar and Liat Hogen completed their training in June 2017. Dr. Brar was recruited to UBC, and Dr. Hogen is presently working as a locum at UHN. New fellows coming into the program are Julie Nguyen (from University of Toronto), and Mitchell Clarke from the University of Connecticut.

UHN has 4 faculty:

 Dr. Bernardini continues as the head of the division at UHN. He is the Co-Chair of the Endometrial Cancer Working Group at the Canadian Clinical trials group (CCTG) and represents CCTG at the Uterine Task Force of the National Clinical Trials Network of the NCI. He is also on the GOGO executive and is the secretary treasurer of the OOA, in addition to a number of provincial committees including the Gyn Onc HHR for CCO. He holds a Senior

- Merit Award from our Department. He leads the Prevent Ovarian Cancer Program at UHN.
- 2. Dr. Ferguson was awarded the J. Douglas Crashely Chair in Gynaecologic Cancer Research at the University Health Network and was also appointed to head of gynaecology at Cancer Care Ontario. She also received a Senior Merit Award from the Department, and was successful in a CCSRI innovation grant for her project, Universal Screening for Lynch Syndrome in Women with Endometrial and Non-Serous Ovarian Cancer. She continues as the lead for the University Division's research.
- 3. Dr. May performed the youngest recorded laparoscopic trachelectomy for cervical sarcoma in a 2-year-old infant, and is also expanding her research in low-grade serous ovarian cancers. She is the coordinator of the fellowship curriculum, and in her final year of a junior merit award.
- 4. Dr. Bouchard was awarded a position in the Patient Safety and Quality Improvement course though C-Quips and is implementing NSQIP for gynaecology at UHN. She is also initiating a central program for gestational trophoblastic disease at UHN/Sinai and is part of the University of Toronto team hosting the ISSTD meeting in Toronto in 2019.

Sunnybrook has 5 faculty:

- Dr. Covens continues as the head of the division at Sunnybrook. He serves on the GOGO executive and board of OOA, and sits on the Gynaecologic Oncology HHR committee. He continues as co-chair of the Rare Tumour Committee for NRG Oncology, and is Co-PI of a large multi-cooperative group international trial in Germ Cell Tumours.
- Dr. Gien received a merit award from the Department, and continues to be active in NRG oncology, including leading an NCI multi-institutional study in immunotherapy

- for recurrent clear cell carcinoma of the ovary. She is the Chair of the RPSC Sub-specialty Committee, and involved in the CBME design for OBGYN residency. She continues to be the lead for the university division's resident education, and the Gynecologic Cancer site group at Sunnybrook.
- Dr. Kupets continues in her role as the Scientific Lead for Ontario Cervical Screening, and is the Division's lead on continuing medical education.
- 4. Dr. Vicus was appointed to the Rare Tumour Committee of NRG Oncology, and is leading the implementation of a large multi-national/cooperative group trial in mucosal melanoma. She is also the lead on a large multi-institutional AIN study, receiving a McArthur Award from the Division for her project, Screening for Anal Cancer in Women with High-grade Vulvar Dysplasia or Vulvar Cancer. She revamped our division's undergraduate experience with very positive results, and is our lead for undergraduate education.
- Dr. Osborne continues to be very active in GTN, working to establish a centralized dedicated GTN clinic, and is the lead and senior representative for hosting the ISSTD in Toronto in 2019.

THP has 3 faculty:

- Dr. Sinasac (recruited in the fall 2016), is taking over the lead in global health that has been vacant since Dr. Rosen left.
- Dr. Murphy continues her role as Lead for Cervical Cancer Screening and Colposcopy in the Province of Ontario, and head of the woman's program at THP.
- Dr. Feigenberg was awarded a McArthur Award from the Division for his project, Immune Assessment as a Predictor of Cytoreductive Surgical Outcome in Advanced Stage Epithelial Ovarian Cancer.

MATERNAL-FETAL MEDICINE



NANETTE OKUN, Division Head

Our Division continues to be anchored strongly in 3 University-affiliated hospitals including Sunnybrook, Mount Sinai Hospital, and St. Michael's Hospital. With 3 MFMs in community sites, we are a division of 29 members, providing consultative and ongoing care to close to 70,000 pregnancies per year in the Greater Toronto Area.

Highlights

On the clinical front, we continue to provide significant support and outreach throughout the GTA. With one full-time joint appointment between Sunnybrook and North York General Hospital (Elad Mei-Dan), we are continuing to provide outreach services west in Missisauga, and east in Scarborough. We are poised to hire 2 full-time fully affiliated members at Trillium Health Partners, and are actively exploring at least one more in Scarborough, and another in Newmarket, with ongoing outreach clinics at the Michael Garron Hospital.

Grants and publications are listed elsewhere, and our Division is among the most productive in this area, presenting leading research in international meetings, and remaining one of the most well-known centres for innovation in MFM care and research (e.g., fetal therapy, cardiac complications of pregnancy, prenatal ultrasound diagnosis).

New focused areas of clinical excellence include a fetal neurology clinic at Mount Sinai Hospital under Dr. Tim Van Meighem, and a clinic for pregnant women with disabilities under Dr. Anne Berndl. At St. Michael's Hospital, Dr. Tatiana Freire-Lizama continues to lead in simulation-based education. The fetal therapy team at Mount Sinai Hospital, lead by Dr. Greg Ryan, developed the first Canadian program for in-utero repair of fetal open neural tube defects, and performed the first case in early summer of 2017.

The Southern Ontario
Obstetrical Network under
Dr. Jon Barrett, continues to
expand, now including London
Health Sciences Centre, and
has garnered the attention of
the MOHLTC, the Provincial
Council for Maternal Child
Health (co-chaired by Dr.
Gareth Seaward), and the
Better Outcomes Registry and
Network (BORN Ontario) to
allow greater alignment between

the quality improvement initiatives of SOON and those of the province.

Our fellowship program continues to thrive under the leadership of Drs. Maxwell and Czikk, with ever stronger rotations at each of our TAHSN sites, and planned addition of a combined MFM/Genetics fellowship as well as an MFM community rotation.

Future Initiatives

We look forward to continuing to build a strong, functional network of academically satisfied and accountable division members into the GTA community sites, partnered with and mentored by their TAHSN site colleagues to maximize both quality of care and research potential. We look forward to further expanding the University of Toronto MFM program internationally to Moi University in Kenya with an MFM fellowship based onsite, also strongly partnered and supported by our Division.

REPRODUCTIVE ENDOCRINOLOGY & INFERTILITY



THEODORE J. BROWN, Division Head

The REI Division comprises 22 sub-specialty-trained clinician educators, clinician investigators and scientists, 2 embryologist/andrologists, and 3 translational/basic scientists whose academic activities focus on various aspects of female reproductive endocrinology, fertility, and stem cell biology.

As one of the largest REI Divisions in North America, our members practice at one fully affiliated hospital or at 4 independent private fertility clinics. Collectively, these facilities offer a full range of diagnostic services; 4 have on-site, state-of-the-art embryology and andrology laboratories. Several of these clinics operate satellite clinics to better serve their patient population. An additional clinical highlight in the Division is the Mature Women's Health & Menopause clinic located at Mount Sinai Hospital. This clinic includes a unique multidisciplinary premature ovarian failure (POF) clinic, co-directed by Dr. Wendy Wolfman and Dr. C. Kelley (Medical Endocrinology). The Division offers several fellowship training opportunities: an RCPSC-accredited GREI fellowship training at the Mount Sinai Fertility clinic and non-accredited GREI Fellowship Programs offered at the Create and Trio private fertility centres. A 2-year clinical fellowship in Mature Women's Health is also offered by Dr. Wolfman.

Highlights

Mount Sinai Fertility (MSF) opened a satellite clinic in North York in the Fall of 2016. This clinic, headed by Dr. Crystal Chan, offers consultations, diagnosis, fertility treatment planning, and cycle monitoring to MSF patients. Also in North York, Dr. Marjorie Dixon officially opened Anova Fertility and Reproductive Health, a full-service private IVF clinic. She is joined by Dr. Yaakov Bentov, who is also serving as the Director of Research within the Centre. We congratulate Dr. Rebecca Arthur on her completion of her Master's Degree in Quality Improvement and Patient Safety (QuIPS), awarded by the University of Toronto. Dr. Arthur is leading QuIPS initiatives at Mount Sinai Fertility. Members of the Division, led by Dr. Ellen Greenblatt, held a continuing education event in September on Clinical Evaluation and Treatment of Infertility. This wellattended and well-received event, delivered largely by division members and MSF Fellows, provided primary care practitioners with current topics to inform their management and guidance of patients facing fertility issues or concerns. Dr. Cliff Librach was elected to the Board of Directors of the Canadian Fertility and Andrology Society in 2016.

Honours

Dr. Greenblatt was promoted to full Professor on the basis of her clinical professional activities in oncofertility preservation, advancing elective single embryo transfer, and promoting equal access to infertility treatment through advocating for public IVF funding. Dr. Dixon was named as one of 7 of 2017's 'Women of Distinction' by the YWCA of Toronto for her advocacy work supporting women and the LGBTQ community in reproductive health and fertility.

Future Initiatives

The Division is preparing to launch an initative to bring together REI specialists and researchers across the Greater Toronto Area as a group to foster greater collaboration to address key educational needs and research questions facing the specialty, as well as to provide a platform for patient and professional advocacy. We hope to hold an inaugural session in early spring. The Division continues to make progress in establishing an academic training program for clinical embryology and andrology, an effort headed by Drs. Heather Shapiro, Ted Brown, and Yaakov Bentov.

PAEDIATRIC & ADOLESCENT GYNAECOLOGY



LISA ALLEN, Division Head

The Division of Paediatric & Adolescent Gynaecology (PAG) under the Division Head, Lisa Allen, includes PAG providers at SickKids (Anjali Aggarwal, Nicolette Caccia, Sari Kives, Rachel Spitzer), North York General Hospital (Ali Nevin), Michael Garron Hospital (Melanie Ornstein, Brenda Wood), and a transition clinic at Women's College Hospital (Yolanda Kirkham).

> At Sickkids, care is provided to children and adolescents with common conditions and rare challenges, with over 2300 ambulatory visits annually, and national referrals to its surgical complex anomalies program. In 2 community PAG clinics, North York General Hospital and Michael Garron Hospital, children and adolescents can receive excellent PAG care closer to home. A true strength of our program is our integration of reproductive health care into inter-professional teams caring for children and adolescents with complex care issues. The program participates in a transitional program for young women. Young women at the age of 17 are transitioned to the Young Women's Gynaecology Program for the reproductive health care of women aged 17 to 25 at Women's College Hospital.

The Vision of the Division is to provide leadership in advancing the gynaecologic care and treatment of young women in Toronto, Ontario, Canada and around the world. In addition to our strong clinical care program, the Division leads with its activities across the scholarly areas of research, education at all levels including a fellowship in PAG, and creative professional activity.

Highlights

Our Division had an impactful presence at the North American Society of Pediatric and Adolescent Gynecology (NASPAG) Annual Clinical and Research Meeting held in Chicago in April 2017. In addition to our faculty presenting a plenary on *Managing Ovarian Masses: Finding the Right Balance* and a luncheon on the Ethics of Consent in paediatric gynaecology, 25% of the oral abstracts were original research from our Division. The research presented spanned a wide variety of topics: use of tranexamic acid in adolescent abnormal uterine bleeding; algorithms to guide surgical decision-making with ovarian pathology; and the use of innovative technology to assess risk behaviours in pregnant adolescents.

Over the year, several other international invited lectureships demonstrated the impact of our Division. Dr. Allen travelled to Mexico City as an Invited Professor, presenting 3 plenaries at the III International Course of Pediatric and Adolescent Gynecology, COMEGO-NASPAG Clinical and Research Regional Meeting in September 2016. In addition, Dr. Allen participated in a panel session on paediatric gynaecology at the American Academy of Pediatrics, Surgical Section Symposium October 2016 in San Francisco. The Division continues to provide leadership in the important national and international PAG organizations. Dr. Kives is the Vice President of the North American Society of Paediatric and Adolescent Gynaecology. Dr. Rachel Spitzer is the Co-Chair of CANPAGO, the PAG specialty committee of the SOGC.

Dr. Caccia maintains an active role in the development of competency-based education. She is a member of the Royal College of Physicians and Surgeons of Canada (RCPSC) Competence by Design development for Obstetrics & Gynaecology

Committee whose work includes developing PAG as an entrustable professional activity.

Closer to home, on January 14th, 2017, the Division hosted its semi-annual Continuing Medical Education Day. The successful Paediatric and Adolescent Gynaecology Review Day attracted a diverse audience of attendees with excellent reviews.

The 6th annual Carol Cowell Lectureship in Paediatric Gynaecology was presented by Dr. Nathalie Fleming, Professor and Head of Pediatric Gynaecology at the University of Ottawa. Her expertise in Adolescent Pregnancy has been recognized by the provincial Minister's Medal Honouring Excellence in Health Quality and Safety.

Future Initiatives

The Division looks forward to developing further links and collaborations amongst the providers of PAG across the city.

UROGYNAECOLOGY

PATRICIA LEE, Division Head

Urogynaecology – also known as female pelvic medicine and reconstructive surgery (FPMRS) – is a sub-specialty area within Obstetrics & Gynaecology that encompasses the care of women with bladder problems and pelvic floor disorders. The Division of Urogynaecology at the University of Toronto is the largest of its kind in Canada.

Core Faculty

Among the 3 core University of Toronto teaching hospitals there are 8 recognized fellowship trained core urogynaecology faculty: Drs. May Alarab, Danny Lovatsis, Colleen McDermott (SHS); Dr. Dana Soroka (SMH); Drs. Janet Bodley, Louise-Helene Gagnon, Rose Kung, and Patricia Lee (SHSC).

We have urogynaecology colleagues beyond our core teaching hospitals who participate regularly in the education of our fellows: Drs. Bill Easton, Phaedra Diamond (Scarborough Centenary), and Harold Drutz (Baycrest Health Sciences); and those who participate in the training of our residents (non-elective and elective): Dr. Danny Kreichman (NYGH); Dr. Melissa Tai (TEGH); Drs. Allan Kanee, Kim Rogers, Carol Wade (Trillium Health Partners); and Dr. Stacey Grossman (York Central).

Collaboration

We have strong collaborations with colleagues who complement our academic and clinical foci: Drs.

Sender Herschorn and Lesley Carr (Urology, SHSC), Dr. Nucelio Lemos (Neuropelveology and Pelvic Pain, SHS), Dr. Oksana Shynlova (Basic Science, Lunenfeld Research Institute), Drs. Sidney Radomski and Dean Elterman (Urology, UHN), Dr. Louis Liu (Gastroenterology, UHN), Dr. Wendy Wolfman (Menopause, SHS), Drs. Herb Wong, Grace Lui, Jamie Kroft, and Leslie Po (SHSC Minimally Invasive Gynaecologic Surgery (MIGS) surgeons), and Dr. Mary Melchior (MIGS, SJHC).

Education

The Program teaches medical students, residents (14 per year) and fellows (3-4 per year). Residents rotate to either SHS or SHSC for their mandatory urogynaecology training. We offer urogynaecology fellowship training at both the SHS and SHSC sites of 2-3 years duration. We have created the academic and educational curriculum for a 2-site (SHS/SHSC) clinical fellowship (the first joint clinical FPMRS fellowship training program in Toronto since 2001).

Fellowship Accreditation Initiatives

National guidelines for the standards of education and training in FPMRS fellowship programs have also been developed and are aligned with the American regulatory body, the Accreditation Council of Graduate Medical Education. A national committee with urogynaecologists (MA, CM) and urologists (Sender Herschorn) has been in place and is working toward RCPSC sub-specialty recognition for FPMRS

26: Publications (Abstracts & Papers)

5: Peer-Reviewed Grants

8: Invited Speakers

19: CME/Workshops

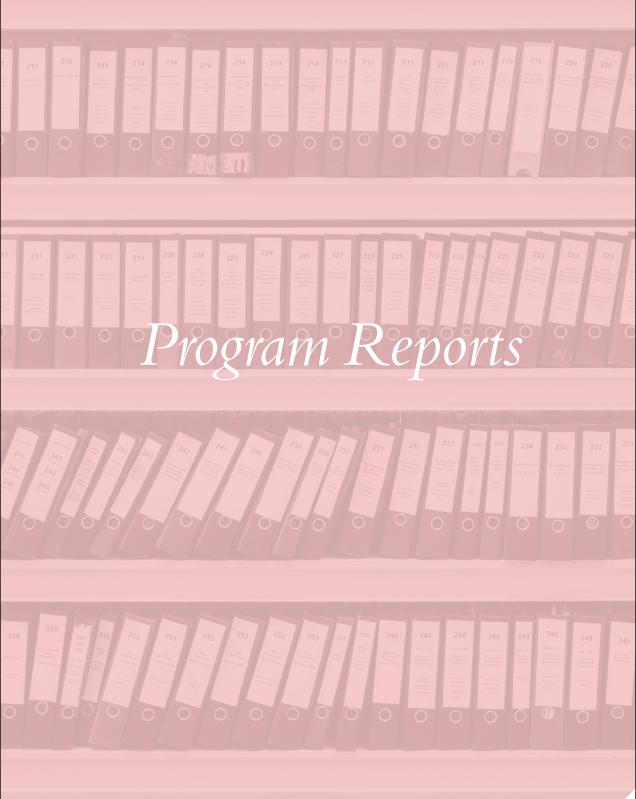
Awards and Honours

- Adrienne Li, PGY6 (P. Lee) "Best in 3 Abstracts" oral presentation at SOGC (June 2017).
- Polina Myrox (MD candidate 2020), University of Toronto's CREMS Summer Student Research Award (P. Lee and R. Kung).
- Tumushabe Mutungi (OBGYN PGY3)
 Department of Obstetrics & Gynaecology,
 University of Toronto, Chair's Summer Student Award (D. Lovatsis).
- Michelle Anderson (MD candidate 2020)
 Department of Obstetrics & Gynaecology,
 University of Toronto, Chair's Summer Student
 Award (C. McDermott).

Research Initiatives

A major goal of the Division is the development of collaborative University of Toronto multi-site research projects. We have initiated 2 significant projects: Intraoperative visualization of ureteric orifices using vitamin D, Health Canada approved; and Quality of Life surveys on patients waiting for surgery.

National and international meetings: The International Urogynecology Association (IUGA) annual meeting was hosted in Vancouver, Canada in June 2017 and was well-represented by University of Toronto faculty who participated in oral presentations (MA, PL, NL, DL, CM), invited session moderators (MA, DL), and invited workshop faculty teachers for fellowship trainees from around the world (PL, CM). The inaugural Canadian Society of Pelvic Medicine meeting was also held in Vancouver and chaired by Dr. Harold Drutz. The University of Toronto Urogynaecology Division has been asked to host the 3rd Annual Eastern Society of Pelvic Medicine meeting in October 2017 and the organizing committee (PL, DL, CM) has been busy with plans to deliver not only a comprehensive academic program, but also to serve as a forum to unite our multidisciplinary colleagues in female pelvic health from both the eastern and western provinces.



UNDERGRADUATE MEDICAL EDUCATION



RAJIV SHAH, Director

The Undergraduate Medical Education Committee is committed to ensuring excellence in the teaching and training of our medical students by offering a diverse experience in the clerkship.

student evaluations of their experience have been extremely positive. We thank all those involved in creating the sub-rotation and especially would like to acknowledge Drs. Koo Chun and Kiran Sahi.

In the last academic year, we piloted a simulation project on the topics of postpartum hemorrhage and perineal laceration repair to 3rd year clinical clerks at the Fitzgerald Academy. Students thoroughly enjoyed this format of learning. We evaluated the students' knowledge and skills acquisition

through this modality and found improvements in both technical and non-technical skills, as well as knowledge through the simulation. The results have been presented internationally. A special thanks to Dr. Eliane Shore who helped to create and rollout the simulation

Highlights

Over this past year, we have worked in collaboration with members of the Faculty of Medicine in designing an entirely new Preclerkship curriculum of the 1st and 2nd-year medical students. The new Foundations curriculum has a flipped classroom model where students spend no more than 3 hours in lectures per week and spend their time divided between small group workshops, shadowing experiences and self-learning. In the new curriculum, OBGYN has 4 weeks which are divided with 2 weeks of gynaecology including a portion on sex and gender-based medicine and 2 weeks of obstetrics. We wish to thank all faculty who have helped contribute to the new curriculumwhich will be launched as of January 2018.

William Osler Health System (WOHS), with both the Brampton and Etobicoke hospitals, has become our new teaching site in the last academic year. Students from MAM spend 3 weeks at either BCH or EGH doing a sub-rotation. WOHS faculty have been extremely welcoming to the students, and the

Honours

Congratulations to our 2016–2017 student award winners in recognition of their academic achievements in our specialty:

- Dr. Jacob Goldstein Scholarship: William Kyle Silverstein
- · Hendry Memorial Scholarship: Emily Wright
- Dr. Frederick R. Papsin Award: Ryan Joseph Paul Giroux
- Dr. Sidney M. & Roselyn Tobin Compassionate Scholarship: Victoria Marianchuk

Future Initiatives

As of this coming year, students can seek out learning opportunities at any academy to round out their educational experience. With Danielle Vicus, we will also be introducing an academy-wide gynaecologic oncology rotation for our medical students, as a result of a highly successful pilot at Sunnybrook.

RESIDENCY TRAINING PROGRAM



MICHELE FARRUGIA, Director

In 2016–17, our 68 residents trained at 9 clinical sites affiliated with our Residency Program. The Residency Program Committee (comprising faculty site/rotation-coordinators, and resident representation for each PG year) oversees a quality educational experience designed to produce excellent practitioners in Obstetrics & Gynaecology, as well as future leaders and researchers.

12 PGY1s joined our program in July 2016; 10 Canadian medical graduates and 2 international medical graduates. We congratulate the 13 PGY5s who successfully completed the Royal College exams in May 2017 and wish them all the best in their future endeavours.

Highlights

The OBGYN program added a Skills Test component to our 2017 CaRMS selection process, intended to help identify candidates who are most likely to succeed in a surgical program. The test assessed basic eye-hand coordination and ability to function in 3 dimensions. This component was under Dr. Eliane Shore's leadership.

We are pleased to announce the Night Float (NF) Committee's summary of the University of Toronto experience. Implementing an NF system was published in the JOGC in November 2016: A

Commentary on the Development of a Night Float Call Model for Obstetrics and Gynaecology Residency: The Process and Resident Perceptions. Authors include: Lynn Sterling, Carmen McCaffrey, Rebecca Rich, Michael Secter, Jessica Green, Lindsay Shirreff, and Donna Steele. This article reviews our process for developing an innovative NF call model, along with resident perceptions and experiences, with the idea of offering insight for residency programs that are considering/instituting alternative call systems.

The Residency Program received an outstanding final report on July 28th, 2016 from the PGME Internal Review Committee (IRC). The IRC identified 6 strengths of our program, no weaknesses, and concluded, "No further action required." Strengths included a strong supportive infrastructure in the Residency Program Committee and subcommittees, the Resident Wellness Program, the LAR for PGY1s, extensive resident engagement, and an

excellent transition-to-practice rotation. The report stated that our wellness program "should serve as a model for other divisions and departments... It is highly valued by the trainees."

The Academic Half-Day (AHD) Subcommittee, a forum for residents to provide input to the AHD curriculum and address AHD issues, organized the first summer AHDs in 2016. This was most successful, and was to be repeated for the summer of 2017. Residents consider membership in this AHD sub-committee a highly desireable role, and have commented that it has contributed to their understanding of the difficulties (and joys) involved in creating and achieving change.

Participation in the Clinical Investigator Program (CIP) remains strong. Lauren Philp is working with Marcus Bernardini and Gang Zheng on *Use of Porphyrin-Based Nano-Theranostics to Detect Lymph*

Node Metastases and as a Tool For Image-Guided Lymphadenectomy: Proof of Concept in Endometrial Cancer and progressing toward a MSc at the Institute of Medical Sciences at the University of Toronto.

PGY1 residents have been participating in the RCPSC-mandated Surgical Foundations program since 2015. We salute the 13 PGY2s who voluntarily sat and passed the Royal College Surgical Foundation exam, which will be mandatory in 2018.

Resident research projects led to approximately 16 presentations and 14 publications. For the purpose of achieving more effective communications, the Residency Program issued a "first-ever" communications policy to outline communications standards and expectations: "Communications – Commitment – Consideration."

Future Initiatives

The RCPSC mandated the first major major curricular change in all residency programs across Canada in over a century: Competency by Design (CBD). Obstetrics & Gynaecology is in cohort 4 of the CBD rollout, with a planned start date for the PGY1 group in July 2019. Some of our subspecialty rotations have been using workplace-based assessments on a trial basis. In addition, we plan to pilot other smaller endeavours in 2018–19 prior to the RCPSC rollout. Faculty development will be a critical part of the success of CBD, and plans are underway to ensure our faculty members are aware of the curriculum, assessments, and their roles.

Honours

2017 Resident Graduation Celebration – Residency Awards

- Department of Obstetrics & Gynaecology Social Responsibility Award in Global Women's Health and Vulnerable Populations: Rebecca Rich
- Excellence in Clerkship Teaching for 2015-16: PGY3: Maria Cusimano; PGY4: Kristen Harris; PGY5: Lynn Sterling and Mathew Leonardi
- Society for Maternal-Fetal Medicine Residency Program Award: Kirsten Niles

- American Association of Gynecologic Laparoscopists (AAGL) Award: Aparna Sarangapani
- North American Society for Pediatric and Adolescent Gynecology Outstanding (NASPAG) Resident Award: Lacey Harding
- Dr. Frederick R. Papsin Postgraduate Award: Carmen McCaffrey

2017 Resident Graduation Celebration – Faculty Awards

- CREOG National Faculty Award for Excellence in Resident Education: Mara Sobel
- The Neelam Sierra Resident Advocacy Award: Donna Steele

Resident Awards – External

- PARO Trust Fund Resident Teaching Award (2017): Mathew Leonardi
- Antonio Cecutti Prize, St Michael's Hospital (2017): Mathew Leonardi
- Detweiler Travelling Fellowship Award (December 2016): Mathew Leonardi
- Dr. Andrée Gruslin Award: Best of Best in Resident Research Presentation, APOG (2016): Rebecca Rich
- Duchesnay International Elective Fellowship for Obstetrics and Gynaecology Residents (2016): Shambe Mutungi
- Gord Swayze Resident Academic Research Award, Michael Garron Hospital (May 2017): Rebecca Zur
- Peters Boyd Resident Teaching Award for 2016–17; Sunnybrook Health Sciences Centre, Women's College Hospital, and North York General Hospital: Maria Cusimano
- Bruce Galloway Award, Society of Gynecologic Oncology of Canada (2016): Julie Nguyen
- Frank Fletcher Memorial Fund Award: Lauren Philp

FELLOWSHIP TRAINING PROGRAMS



HEATHER SHAPIRO, Director

The Department's fellowship training programs continue to growth in breadth and depth. In the 2016–2017 academic year, there were over 30 fellows registered in Minimally Invasive Gynaecology Surgery, Urogynaecology, Advanced Obstetrics and Reproductive Sciences, and Menopause.

In addition, there were 14 trainees in Royal College sub-specialty residency programs and 6 international fellows in MFM and Gyn Onc as well. As in previous years, the fellows outnumbered the residents. The number of Ministry of Health-funded positions has remained static. The growth has been in the non-certified programs. This year, we welcomed our newest fellowship, Women's Global Health and Equity, under the direction of Rachel Spitzer, which is based at Women's College Hospital. We have also actively been increasing opportunities for internationally trained physicians in fellowship programs. A complete list of programs can be found on the department's website (www.obgyn.utoronto. ca/about-program-2).

Our fellowship programs contribute to the Department's mission of research, clinical care and education. This was most evident at Research Day where over two-thirds of the presentations and posters were co-authored by fellows.

Our programs have taken the lead on best practices for online registration and are working with PGME to formalize fellowship evaluation. The Fellowship Directors' quarterly meetings are a forum to discuss common challenges and disseminate the policies developed by the university-wide Fellowship Advisory Committee.

City-wide fellowship rounds cover the non-core CanMEDS competencies and this year focused on Leader and Scholar. We provide 2–4 city-wide seminars for fellows per year. Recent topics have been quality improvement and patient safety, leadership training and advocacy, and career counselling. The latter has taken the form of meeting with the Chair or information sessions with community hospitals that are recruiting. Our Department-hosted graduation event, with the inclusion of fellows with residents, has helped develop a strong sense of connection between the fellows and the University.

Looking forward to the next academic year, we hope to introduce CBD to both the Royal College programs and the fellowship programs.

CONTINUING MEDICAL EDUCATION



RORY WINDRIM, Director, Continuing Professional Development & Knowledge Translation

Members of our Department, once again, represented our Department in invited roles at many provincial, national and international CPD events.

Rounds

Within our Department here in Toronto, weekly Grand Rounds continue to be presented in all of the academic sites. The MOREOB Interprofessional CPD Program was once again active at nearly all centres in the GTA. Led by Dr. Rachel Spitzer and Dr. Nanette Okun, we have continued our interactive Telehealth Obstetrics Rounds CPD program with our partner unit at Moi Teaching and Referral Hospital, Eldoret, Kenya. We presented more interhospital rounds to more sites than any previous year, as listed below. These rounds were broadcast to all of our distributed sites and archived for interval review.

Honours

- Kim Liu: 2016 Chair's Award for Excellence in Postgraduate Program Development and Innovation, Department of Obstetrics & Gynaecology, University of Toronto.
- 2. Jackie Thomas: Wightman Berris Academy Postgraduate Teaching Award
- Rory Windrim: Wightman Berris Anderson Academy Award for Extraordinary Contribution to Education

Interhospital Rounds 2016/2017

Date	Presenter/Topic	Location	
Friday, September 9, 2016	Prof. Eileen Hutton	St. Michael's Hospital	
	The Tale of Two Studies:		
	Understanding Home Birth Outcomes		
Friday, October 14, 2016	Dr. Tim Rowe	Sunnybrook Health	
	Let's Eat Grandma/Let's Eat, Grandma:	Sciences Centre	
	The Importance of Editors		
Friday, November 18, 2016	Dr. Jenny Myers	Mount Sinai Hospital	
	New Advances in the Management of Chronic		
	Hypertension in Pregnancy: A UK Perspective		
Friday, December 2, 2016	Dr. Tim Caulfield	Hilton Toronto	
	Cannell Lecture at APOG Conference:		
	Quackademics, Popular Culture, and the		
	Spread of Pseudoscience		

Date	Presenter/Topic	Location
Friday, January 13, 2017	Dr. Nathalie Fleming The Quest to Improve Teen Access to Multidisciplinary Prenatal Care in Canada	St. Michael's Hospital
Friday, February 24, 2017	Dr. Rabih Chaoui 3D in Obstetrics: A Gimmick or a Powerful Clinical Tool	Mount Sinai Hospital
Friday, March 10, 2017	Drs. Rachel Spitzer & Heather Millar Creating Canada's first Fellowship in Global Women's Health and Equity	St. Michael's Hospital
Friday, March 17, 2017	Dr. Theresa Woodruff The Emerging Story of Oncofertility: From Bench to Bedside to Babies	Mount Sinai Hospital
Friday, April 7, 2017	Drs. Jon Barrett, Nanette Okun, Marie Czikk and Howard Berger The Southern Ontario Obstetrics Network: Past, Present & Future	St. Michael's Hospital
Friday, April 28, 2017	Henderson Lecture Dr. Dorothy Shaw How Evidence Informs Advocacy for Women's Health – A Lifelong Journey	University of Toronto
Friday, May 1, 2017	Dr. Tim Draycott Delivering Better Birthdays	St. Michael's Hospital, Li Ka Shing Knowledge Institute Auditorium
Friday, May 12, 2017	Drs. Ray Osborne, Genevieve Bouchard- Fortier and Naomi Martin Gestational Trophoblastic Disease, The Toronto Experience	Sunnybrook Health Sciences Centre
Friday, June 9, 2017	Dr. Amy Fairchild Go Ahead, Panic: from Yellow Fever in the Long 19th Century to Zika in a Hot Minute	North York General Hospital

CPD Courses

Our Department presented a diverse range of courses, to more than 3000 attendees in 2016/17. These CPD events, all of which were University of Toronto and College accredited, addressed issues in Women's Health in many areas ranging from Paediatric Gynaecology to Fetal Therapy.

CPD Rounds 2016/2017

Course Title	Course Director(s)	
Clinical Evaluation and Treatment of Infertility	Ellen Greenblatt	
12th Annual Everyday Gynaecology: The Management of Common Gynaecologic Conditions	Jackie Thomas	
International Fetal Therapy Simulation Training Course	Greg Ryan, Rory Windrim, Tim Van Mieghem and Han Keunen	
The 5th International Fetal Growth Meeting	John Kingdom	
Paediatric Adolescent Gynaecology Review Day	Lisa Allen and Rachel Spitzer	
13th Annual Obstetrical Malpractice: A Survival Guide for 2017	Dan Farine	
St. Michael's Hospital Women's Health Symposium	Deborah Robertson	
20th Annual Obstetric Ultrasound: Setting the Standard for 2017	Greg Ryan and Rory Windrim	
1st Annual MyGOALS: Multi-Disciplinary Gynecologic Oncology Annual Lecture Series	Taymaa May and Stephanie Lheureux	
13th Annual Mature Women's Health Care	Harold Drutz and Wendy Wolfman	
North York General Hospital Review Day	Nicholas Pairaudeau	
25th Annual Symposium New Developments in Prenatal Diagnosis	David Chitayat	
Headaches and Hormones	Michele Farrugia and Christine Lay	

Future Initiatives

Members of our Department have undertaken MSc, or PhD-level training with partner Institutions in Education, Research, Continuous Quality Improvement and Patient Safety, Competency-based Medical Education, and Knowledge Translation. We feel that this training will be the key to our future CPD growth. Our hope is to combine this expertise with the resources of the Southern Ontario Obstetrics and BORN Networks to develop a new vision for CPD in our Department. In this paradigm, we will augment our well-established CPD courses with externally funded research-based CPD interventions specifically developed in order to match perceived gaps in knowledge. We hope to evaluate the impact of the interventions by ongoing clinical practice audit.

GLOBAL HEALTH AND ADVOCACY





RACHEL SPITZER, Vice Chair, Global Health and Equity

Advocacy and Global Health, including our co-leadership in the AMPATH Reproductive Health collaboration in Eldoret, Kenya, remain a strong cornerstone of our Department and this year has been no exception, with many exciting developments. We continue to rely on a group of dedicated faculty and trainees who make our programs possible and highlight our leadership in this area among academic OBGYN departments nationally. Our Advocacy and Global Health track record and ongoing commitments are a source of great pride for us all.

Highlights

In 2017, our fellowship program in Global Women's Health and Equity proudly graduated Dr. Heather Millar as our first trained fellow, having spent a year as Team Leader for AMPATH-Reproductive Health in Eldoret, Kenya and having pursued a series of relevant rotations in Toronto and northern Ontario (through our partner, Northern Ontario School of Medicine, NOSM)) with underserved, immigrant and refugee populations. Our continuity clinic for the fellowship, based at Women's College Hospital, continues to attract new patients and cater to a population of new Canadians and their reproductive health needs. We also recruited our fellowship candidate for the coming academic year amongst an impressive group of candidates from across North America. Our groundbreaking fellowship program

was further the topic of our Annual Global Women's Health Inter-hospital Rounds and an invited keynote presentation at the Bethune Conference on International Surgical Education.

When it comes to our Global Health contributions, our primary involvement remains in the Academic Model Providing Access to Healthcare (AMPATH) in Kenya. AMPATH promotes equity and excellence in the care of women worldwide, and seeks to build capacity in care, education, and research in sub-Saharan Africa. As part of our "Leading with Care" mandate, we have co-lead and implemented novel, as well as proven MNCH activities in 7 innovative sites, covering a population 750,000. We are extraordinarily grateful for the philanthropic support, primarily from the Purpleville Foundation, and for other financial support received through other granting agencies, including USAID, Saving Lives at Birth and Grand Challenges Canada, that has assisted us in rolling out these activities. Since 2013, this work has been scaled-up to partnerships with 8 counties, 22 sub-counties, and a catchment population of 3.5 million. In Kenya, Astrid Christoffersen-Deb leads the University of Toronto's commitment to care, education, and research as Field Director for Reproductive Health. As in previous years, in 2016/17, we enjoyed the rich exchange of trainees and faculty, including 2 medical students travelling to North America, and medical student and resident exchanges to Kenya for clinical and research experiences.

Our gynaecologic oncology program, with continued support from Princess Margaret Hospital, has continued to grow in the area of cervical cancer screening, with over 50,000 women screened to date. Numerous grants are active in this area of the program including large NIH grants evaluating outcomes of LEEP and cryotherapy treatments in the setting and a project that is evaluating health determinants of acquiring an HPV infection. The fellowship program in Gynaecologic Oncology, initiated by Dr. Barry Rosen and his colleagues and team in Eldoret and North America, enrolled 2 new fellows in a 2-year program in Eldoret, which

continues under Kenyan leadership with North American support and collaboration. Dr. Nanette Okun continued leadership in the area of MFM as, together with our Moi colleagues, there are plans to implement an MFM fellowship program in-country (based on the success and model of the Oncology Fellowship) in the coming 18 months. Our videoconference rounds, made possible through CISEPO's donation of the videoconference facility, and featuring an MFM topic monthly and alternating presenters between our sites, continued through the academic year.

Honours

In 2017, as an initiative of our Advocacy Committee, we established departmental awards to annually recognize a faculty and a graduating resident who have made a significant contribution to social responsibility. The inaugural awards were presented to retiring former Department Chair, Dr. Alan Bocking, who championed global health in our Department and led us into partnership with Moi University and Moi Teaching and Referral Hospital as part of the AMPATH Consortium nearly 10 years ago, and to Dr. Rebecca Rich, graduating PGY5, for her research and advocacy in care for Indigenous women in northern communities

Future Directions

We look forward to continuing leadership in Advocacy and Global Health both locally within the University of Toronto Faculty of Medicine, developing shared opportunities in global health leadership, and nationally and internationally amongst the OBGYN and women's health communities.

Committee Reports

PROMOTIONS & AWARDS COMMITTEE



LISA ALLEN, Chair

Academic promotion in the Faculty of Medicine confers recognition on the individual of the scholarly achievements of faculty members in their discipline. It recognizes the sustained excellence of faculty members in one or more of the areas of: research, education and creative professional activity.

The Promotion Committee's main role is to recommend to the Chair of the Department and ultimately the Decanal Committee, individuals that should be promoted to the ranks of associate professor and full professor in each promotion cycle. In addition, the Committee is responsible to the faculty members of the Department to provide guidance and mentorship during their careers so they may best achieve senior promotion.

Collaboratively with the Faculty Development Committee, the Promotions Committee has developed a curriculum for senior promotions for the Department launched in 2017/2018. To supplement the longstanding Mentorship Program of the Promotion Committee, 6 rotating workshops will cover the topics of Creative Professional Activity, Choosing an Area of Excellence, Research, Teaching, Social Media, and Widespead Recognition as they relate to senior promotion.

A "Promotion Bootcamp" will occur at the onset of each promotion cycle for potential candidates to assist them with negotiating the promotion process and developing their dossiers.

The Committee consists of members at associate or full professor rank, who are chosen to reflect the diversity of the specialty, the diversity of hospitals in the Department and to include expertise on the Committee in promotion in each of the areas of excellence.

The Department is pleased to announce the following senior promotion, effective July 1st, 2017.

Full Professor



Ellen Greenblatt

Dr. Greenblatt is the Medical Director, Mount Sinai Fertility, and Head Division of Reproductive Endocrinology and Infertility, Mount Sinai Hospital. After completing her medical degree at McGill University, she undertook additional training at McGill University and Western University, and completed an ABOG REI fellowship at the University of California, San Francisco.

Her scholarly activities have made important contributions to current practices in fertility preservation in young adults with cancer, as well as improving access to ART. Dr Greenblatt's research is directed at improving outcomes and limiting complications as a result of assisted reproductive treatments, she has published more than 40 articles in peer-reviewed journals. In 2010, she was recognized

by the Royal Society of Physicians and Surgeons of Canada as being instrumental in the development of Gynaecologic Endocrinology and Infertility as a medical speciality.

In 2014, she received an award from Fertile Future for her ongoing commitment to access to oncofertility preservation for young people facing cancer. Dr. Greenblatt was invited by the Minister of Health, MOHLTC, to chair the Advisory Panel on Infertility that led to the Advisory Process for Fertility Services Key Recommendations Report. This report guided the MOHLTC in the launch of the Ontario Fertility Program in 2015. Dr. Greenblatt has consulted nationally and internationally in her field and with patient advocacy groups.

She is a past national director of the Canadian Fertility and Andrology Society, a Member of the Canadian Adolescent and Young Adults (AYA) Oncofertility group, and the Canadian representative to the Oncofertility Consortium Global Network. She was promoted on the basis of her Creative Professional Activities.

RESEARCH COMMITTEE

MARK YUDIN, Chair

The overall objective of the Research Committee is to support and facilitate research within the Department, with the goal of fostering research collaborations and providing support for the research training of residents and clinical research fellows.

This is accomplished by providing forums for research education and the communication of ongoing research. The committee consists of approximately 18–20 faculty members with broad representation from all Divisions and hospital sites, and meets approximately once per month. In addition to faculty members, 2 resident PGY1–5 (one of which is participating in the Clinician Investigator Program) and one PGY6–8 fellow representative are elected by their peers to sit on the Committee.

Highlights

The Research Committee with the help of the administrative staff organizes the Department's Annual Research Day, held this year at the St. Lawrence Centre for the Arts. The event celebrates and showcases the depth and diversity of research within our Department. This year we introduced an electronic poster format that was well-received and generally increased interactions at the poster presentations. A key event incorporated into Research Day is the D. Nelson Henderson Lecture, first established in 1965. This year's speaker was Dr. Dorothy Shaw who spoke on how evidence informs advocacy for women's health. The Committee also hosts an interactive research session every year on a topic that bridges 2 or more clinical divisions. This year's session, organized by Drs. Sarah Ferguson and Allan Covens, was on Surgical Advancements in Gynaecology and Gynaecological Oncology. A priority of our Department is to enhance research capacity by providing opportunities for our most promising trainees and young faculty. This is accomplished, in part, through the Women's Health Scholar program, which supports residents wishing to enter the CIP and through the competitive Chair's Summer Student Award Program, which provides partial support for the University CREMS Scholars and Summer Student programs. This year the Department provided support for Dr. Lauren Philp's CIP study on the use of nano-technology for the diagnosis of lymph node metastases in endometrial cancer. Her supervisor is Dr. Marcus Bernardini. The Department also supported 19 medical students through these programs. Dr. Kellie Murphy again offered a comprehensive 3-day intensive tutorial course on research for departmental fellows and residents. We are grateful to multiple members of our faculty and to our colleagues who contributed to the success of this course. Dr. Mark Yudin hosts a resident research forum on 3 academic half days throughout the year. At these sessions, several residents present their research ideas to their peers and interested faculty to receive feedback and suggestions to overcome perceived barriers. The sessions are held at the Li Ka Shing Knowledge Institute at St. Michaels Hospital and all faculty are welcome to attend. He also sits on the Residency Program Committee as a bridging member between the 2 committees. This has improved coordination and communication between the committees regarding the Trainee Research program and initiatives.

Future Initiatives

This year, Dr. Murphy with the help of Michael Browne, launched a quarterly newsletter to communicate research accomplishments to the Department at large. We will continue to solicit contributions to this communication and to initiate ways of expanding the visibility of publications from our faculty members. The Committee is committed to ensuring the Research Forums series continue, as these can serve as an excellent platform to promote research collaborations. This year's session will focus on Global and Indigenous Health research and will be organized by Dr. Rachel Spitzer.

Chair's CREMS Students & Summer Studentship Awards

This year, we had 8 students participate in the CREMS (Comprehensive Research Experience for Medical Students) Summer Student program with supervisors from our Department.

The CREMS program provides UofT students with an opportunity to do a 12-week mentored research project with faculty at the University of Toronto, giving them an introduction to research. In addition, we also

introduced the Chair's Summer Studentship Award, a departmental program that sponsors student participation in research projects with our faculty. We were very impressed by the work done this summer by all 10 students, and we hope that these programs will continue to be successful at promoting research in our Department going forward.

Here are short profiles on each student and the projects they were involved in.

CREMS STUDENTS



† Alexandra Davidson

Over the course of the summer I was fortunate enough to collaborate on several projects in the Department of Obstetrics & Gynaecology. I worked closely with 2 amazing staff at St. Michael's Hospital, Dr. Rajiv Shah and Dr. Eliane Shore. My research focused on simulation training as a teaching method in undergraduate medical education. We ran pilot workshops for the 3rd year clerkship students rotating through St. Michael's Hospital to assess 2 simulated OBGYN scenarios, perineal laceration repair, and post-partum hemorrhage. In addition to evaluating the outcomes of the pilot workshops, I got to be personally involved in the delivery of the simulation seminars, where I was able to directly learn about the students' experiences with simulation and their perspectives on current clerkship education.

I am incredibly grateful to have had the opportunity to work with Dr. Shah and Dr. Shore over the course of the summer, and I am eager to continue to be involved with their projects throughout the coming years. They both facilitated a relaxed and comfortable work environment that encouraged me to foster independence in my assignments and practice leadership with my colleagues. This project has helped me further develop my research knowledge far beyond my previous wet lab experience. I am looking forward to following this work into the future and continuing to build on the new set of skills I gained from this summer.

↓ Polina Myrox

This summer, I had the incredible opportunity to participate in a CREMS project under the supervision of Dr. Lee and Dr. Kung. This project was located at the Sunnybrook Health Sciences Centre, in the Urogynaecology Division of the Obstetrics and Gynaecology Department. The goal of the study was to determine if there was a difference in the pain experienced by patients after gynaecological surgery when bupivacaine-soaked vaginal packing was used as opposed to estrogen cream-soaked vaginal packing. During this project, I had the opportunity to learn from several fantastic clinician scientists about the impact of research on clinical practice and the development of a research study. This experience has taught me invaluable lessons on the process of designing a research study, the hurdles that have to be overcome in order to begin a study, the challenges that are faced in collecting information from patients, and the excitement of contributing new information to the medical community.

In addition, I was also given my first exposure to obstetrics and gynaecology. During this experience, I had the opportunity to observe clinical encounters with patients in order to better understand the focus of a gynaecologist. Most excitingly, I had the

opportunity to observe several minimally invasive surgeries, which is something I would not have had the opportunity to do otherwise. Overall, my experience working with Dr. Kung and Dr. Lee at Sunnybrook Health Sciences Centre was fantastic and has inspired my passion for obstetrics and gynaecology.





1 Navneet Natt

I am very fortunate to have had such an incredible CREMS experience this summer under the supervision of Dr. Rohan D'Souza. He was an amazing supervisor and supportive mentor that made all the difference in my research experience.

My CREMS project was a retrospective cohort study about insulin requirements in diabetic pregnancies. From the outset, Dr. D'Souza was very open to gauging my research interests and determining which research skills I wanted to develop. Having only previously worked on systematic reviews, we decided together that it would be valuable for me to learn about observational studies and get involved in the steps of conducting one. I appreciated the fact that he was so receptive to tailoring this experience to my learning needs so that I could walk away with new research skills.

Having never done pure clinical research before, I was a little nervous about diving into this project, but Dr. D'Souza was an invaluable source of support throughout. From the first day that I stepped into the diabetes clinic, Dr. D'Souza took time from his clinic hours to introduce me to the staff and orient me to the charts.

All in all, I couldn't have asked for a more productive or enjoyable CREMS experience. I hope all future CREMS students can work with a supervisor as incredible as Dr. D'Souza. He is the definition of an ideal clinician role model and research mentor!

↓ Hanna Goldberg

I was very fortunate to have been given the opportunity to work with Dr. Sari Kives and Dr. Lisa Allen through the CREMS Summer Student Program. Our project is investigating the prevalence of Avoidant/Restrictive Food Intake Disorder (ARFID) in the Pediatric Gynaecology Clinic and its impact on the menstrual cycle. Similar to patients with anorexia nervosa, individuals with ARFID demonstrate weight loss, malnutrition, abnormal eating behaviours, and a high prevalence of anxiety. Therefore, there is reason to suspect that this population may also be at risk for menstrual dysfunction. It is our hope that our project will increase awareness of ARFID and potentially, its relationship with menstrual dysfunction. As a result, physicians will have a lower index of suspicion of a possible eating disorder when treating adolescents with menstrual dysfunction.

Spending my summer with the Paediatric Gynaecology Department at SickKids has been an excellent experience. I have gained important skills in clinical research that I will continue to develop throughout medical school and in the future as a physician. Throughout the summer, I also spent time in clinic and in the OR with Dr. Kives, which was not only useful for my research project, but also allowed me to further explore the field of Obstetrics and Gynaecology. I am very grateful to Dr. Kives and Dr. Allen, the Department of Obstetrics and Gynaecology, and the CREMS Program for this opportunity. I am excited to share our results when the study is completed.





† Arianne Cohen

My CREMS research project at the Mount Sinai Fertility Clinic with Dr. Crystal Chan and Dr. Ellen Greenblatt has been overall a great experience. The project itself consisted of a retrospective cohort review of patients who underwent an Endometrial Receptivity Assay (ERA) over the past 3 years. What I liked most about my summer research was the fact that I was able to see the project to fruition from the very beginning stages.

I was involved with writing the Research Ethics Board application and certain aspects of the study design before the project formally began, which provided me with an excellent overview of the project and a sense of ownership. Though I had great advice and direction from my 2 supervisors, I felt like I was given a generous amount of independence with the project. The mentorship I received was invaluable to my learning and from it, I feel more confident in my research and critical appraisal skills.

1 James Bao

During my experience in the Comprehensive Research Experience for Medical Students (CREMS) Summer Program I completed a research project entitled: "A Delphi Approach for the Design of an Intra-Operative Blood Conservation Pathway for Open Myomectomy". This was a collaboration between the departments of gynaecology (Drs. Robertson and Shore and Simpson), anaesthesia (Dr. Hare), and hematology (Dr. Sholberg). I have been invited to present at 2 national conferences – as an oral presentation at the Society of Obstetrician and Gynaecologists of Canada's 73rd Annual Clinical and Scientific Conference (June 2018), and as a poster presentation at the Canadian Anesthesia Society Annual Clinical Meeting (June 2018). We are now finalizing the manuscript for submission for publication.





† Dong Vao Wang

It has been an absolute privilege to work with Drs. Murphy and Shea over the past summer. While I had background in mental health and pharmacogenetic research, I did not have a strong foundation in obstetrics and gynaecology. Drs. Murphy and Shea tirelessly answered all of my questions and helped me to get oriented in the Department. Their guidance helped to ensure that my summer research was successful. My project aimed to examine whether genetic differences in maternal drug metabolism of antidepressants influence the neonatal adaptation in the first few days of their lives. We hope the information would enable clinicians to optimize mental health care for women during pregnancy.

↓ Courtney Firestone

For my CREMS project this summer, I had the opportunity to work with Drs. Mara Sobel and Melissa Walker to examine the outcomes from the Familial Ovarian Cancer Clinic at Women's College Hospital. We assessed the demographics of the clinic's patient population and were particularly interested in the number of precursor lesions identified in women undergoing prophylactic salpingectomies and oophorectomies.

The results from this study will inform future decisions on how we counsel patients regarding ovarian cancer prophylaxis, and provide support for the use of the SEE-Fim pathology protocol when processing these surgical samples. This summer studentship was my first experience with clinical research and as I conducted my retrospective chart review, I could appreciate the difficult decisions that patients struggle with to minimize their risk of devastating diseases like ovarian cancer, while balancing competing concerns such as family planning and the risks of early menopause.

I am grateful to have had the chance to explore an aspect of women's health that I am sure to carry forward into my career as a physician.



SUMMER STUDENTS



† Jacqueline Parrish

I am very pleased to have helped conduct a crosssectional study with the Urogynaecology Divison at Mount Sinai Hospital analyzing the proportion of patients with overactive bladder who also have bothersome anxiety symptoms. The study was titled, Is Overactive Bladder Independently Associated with Anxiety.

I successfully recruited the entire planned cohort of 100 patients from the ambulatory clinics during the 3-month project. I was also involved in protocol development and ethics submission. I will be a co-author on the manuscript, which is in the final process of editing and submission to the International Urogynecology Journal.

1 Danielle Meschino

I am a 3rd-year medical student, who had the pleasure of working with Dr. Wendy Wolfman and Dr. Alison Shea in the Department of Gynaecology and Women's Unit at Mount Sinai Hospital. With a focus on the pharmacologic management of the genitourinary syndrome of menopause, My research allowed me to develop a greater understanding of the importance of women's health and quality of life, especially surrounding the menopausal transition.

By working alongside the incredible staff in both units, I not only developed an appreciation for the value of expanding research and knowledge within the field, but also for the importance of patient-centred care. I could not have asked for a better introduction to the discipline of Obstetrics and Gynaecology and look forward to further exploring the specialty during my clerkship.





† Angela Han

I am currently a 3rd-year medical student at the University of Toronto, and I had previously held an evolving interest in the field of oncology for future career and research pursuits. I sought after a summer studentship with Dr. Ferguson because of her extensive research work in gynaecologic cancers. The research project that I became involved in resonated with my interests in multiple ways. Our study, Access to Endometrial Cancer Surgery and Outcomes in Morbidly Obese Women, was aimed at exploring the experiences of these patients as they navigated the health care system through their cancer journey. The project introduced me to qualitative research, a field with which I was previously unfamiliar, and allowed me to more deeply reflect on the personal circumstances of cancer patients.

Over the course of the summer, we interviewed women with low-grade endometrial cancer who were also morbidly obese, and captured their insights about both the positive experiences and challenges they endured through their cancer care. The next steps of the study involve analyzing the interview transcripts and summarizing the essence of the experiences of these women. I valued the opportunity to refine how I communicate with patients on sensitive topics during interviews, which I will carry on in my future practice as a clinician. I wish to express my gratitude again for allowing me to have this amazing opportunity and I hope my research this summer will contribute in a meaningful way to the field of obstetrics and gynaecology.

1 Sandra Fiset

Over the past summer, I worked with the Women & Babies program at Sunnybrook Research Institute thanks to the funding provided by the Chair's Award. My project was about the prediction of preterm birth of twins using machine learning and texture analysis of cervical ultrasound images. This involved working with a multi-disciplinary team consisting of sonographers, radiologists, maternal fetal medicine specialists, and imaging researchers. I learned as much as possible from all my team members which gave me a well-rounded perspective on the practice of medicine, and particularly obstetrics.

I am keen to incorporate what I have learned to my future studies on my path to becoming a physician. Not only did I gain amazing experience over the summer, but my project also took home the second-place prize at the Sunnybrook Research Institute poster day for Evaluative Clinical Sciences. I am very grateful to have been given this opportunity and I would like to thank all those who contributed to my experience at Sunnybrook. Thank you!





† Claire Stanley

This summer I had the honour of working with Dr. Amanda Selk on a research project which aims to better understand the attitudes and beliefs of women in North America surrounding placentophagy. This study was a prospective, mixed methods design using an online survey and focus groups. By better understanding women's attitudes and beliefs surrounding this increasingly popular practice we hope to direct future research about safety and efficacy. This was my first exposure to clinical research and a wonderful opportunity to learn valuable research skills.

Additionally, as I am interested in a career in obstetrics and gynaecology, I was able to gain clinical exposure with Dr. Selk, which helped to further my knowledge and interest of this field. This exposure also helped me gain an appreciation of the value of such research to patient care. I would like to thank Dr. Selk for providing me with ongoing support and mentorship along the way.

■ Michelle Anderson

My name is Michelle Anderson and I participated in the 2017 Chair's Summer Studentship Award Program in the Obstetrics and Gynaecology Department. At the end of this summer, I will be starting my 2nd-year of medical school at the University of Toronto. I have participated in 2 primary projects this summer. The first project was a study on optimal ureteric visualization at the time of pelvic reconstructive surgery. This project hit an unexpected roadblock and required Health Canada approval for the use of Vitamin B. I therefore focused on completing the paperwork required for Health Canada approval, which is still pending. Through this process, I gained a greater appreciation for the steps involved in acquiring research ethics approval, and what should be included in the review of relevant literature.

The 2nd project was research on educating patients for the management of overactive bladder using written versus verbal instructions. For this study, I was involved in patient recruitment, and data collection and entry. I was able to interact with patients and learn more about the collection of information for a clinical research project. I anticipate that once data entry is complete, which should be this fall, I will assist with manuscript preparation and present these results at the Department of Obstetrics & Gynaecology's Annual Research Day in May 2018.





† Avneet Bening

My name is Avneet Bening. I am about to enter my 3rd-year of medical school. I started my post-secondary journey at McMaster University earning my BHSc Honours degree, followed by attending University of Toronto for my BScN. I worked as a labour and delivery/postpartum RN at Sunnybrook Health Sciences Centre and absolutely loved my job. There was, however, a pesky itch I couldn't scratch. A voice in my head whispering, "Look at what the medical students, residents and staff are doing – boy, doesn't that look like fun?" Eventually this whisper became a roar I could no longer deny and I decided to apply to medical school.

My previous work in the obstetrical field has definitely shaped my future aspirations. Nothing I was exposed to seemed to grab hold of me quite like learning about placenta previa or pre-eclampsia. This research opportunity is gynaecology focused, allowing me to explore this aspect of the specialty further. Additionally, my goal for this summer was to get my feet wet in research, considering my past experience and exposure to gynaecology had been minimal. This opportunity provided me with just that.

I have been privileged to have an excellent PI who never fails to answer my questions and is entirely supportive in my learning. Dr. Kroft has gone above and beyond by linking me with other ongoing projects to round out my experience and provide me with exposure to research studies with differing designs and methodologies.

One thing I have learned is that the process of conducting research is not necessarily an exciting or dazzling process – it can be slow and tedious. However, if you are inspired and passionate about the

problem you're trying to solve, that tedium gives way to drive. I am motivated to answer the research question of my main project because I want to change practice and improve patient outcomes. This research project gave me the opportunity to do something I truly care about, and for that, I am grateful.

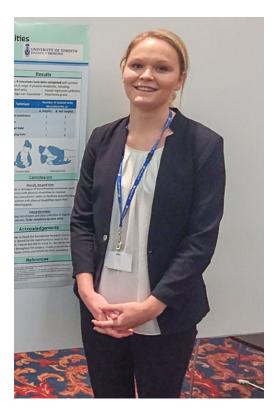
1 Anastasia Levinta

Invasive placentation is a relatively common complication in pregnancy and is associated with significant morbidity. It has been shown that antenatal diagnosis, as well as appropriate teambased management of delivery, reduces the risks for morbidity. However, no screening and management protocols have been established yet.

Our research focused on the development of knowledge translation (KT) tools for diagnostic protocol optimization of patients with this condition. KT refers to a systematic approach aimed to enhance the uptake of existing research findings and incorporation of these into practice, at both clinical and policy levels.

Our final selection of tools was based on the literature review comparing the effectiveness of various strategies, and included an infographic poster, an educational video, and a mobile app. Future work will focus on assessing the effectiveness of the dissemination strategies above.





† Tiahna Warkentin

This summer I conducted research under the supervision of Dr. Berndl in the Women and Babies department at Sunnybrook Hospital. Specifically, my role included the development of a survey aimed to explore pregnancy experiences and outcomes for Little People, distributed to Little People Canada. The goal is to use the results to understand the pregnancy outcomes, including risk of preterm birth and caesarian section, for Little People, with the aim of improving evidence based antenatal care for this population. In addition, I conducted a descriptive study aimed to examine breastfeeding strategies used by women with physical disabilities. Interim results were accepted as an oral presentation at the Pacific Rim International Conference for Disability and Diversity in Honolulu. Interviews are currently ongoing. Following data analysis, the results will be used to develop breastfeeding guidelines for this population.

٦ Kainat Amir

I had an incredible experience working at Sunnybrook Hospital, as well as North York General Hospital, over the summer of 2017. Working on a research project under the guidance of Dr. Elad Mei-Dan, along with the support from other supervisors and colleagues, made the work environment very comfortable and enjoyable. I found the research position to be flexible and engaging; while there was discipline and direction that allowed me to easily navigate how best to conduct my research, it still challenged me to improve on my own methods of data collection and learn statistical analysis. It was also pleasing to see the project come together, be a part of it, and to share it with others who had such innovative works of their own. I will always look back on this experience with gratitude, as it was an opportunity that allowed me to learn, to acquire valuable research skills, and to look forward to such experiences in the future.



Events, Significant Honours & Awards

34TH ANNUAL RESEARCH DAY





The Department hosted another successful Research Day, on Friday, April 28, 2017 - our 34th Annual Research Day. This year, there were several highlights. Firstly, we moved away from conventional printed posters to electronic posters which were displayed on large HDTV screens located throughout the venue. Secondly, with the introduction of e-posters, it allowed us an expanded range of venue options, because e-posters require a smaller footprint than conventional printed posters. This year's venue was the St. Lawrence Centre for the Arts, located in the St. Lawrence Market neighbourhood. Thirdly, we were pleased to welcome Dr. Dorothy Shaw, as our Henderson Lecturer. Dr. Shaw is a professor at the Department of Obstetrics & Gynaecology at the University of British Columbia (UBC) and is Vice-President, Medical Affairs at BC Women's Hospital. Dr. Shaw's presentation was entitled, How Evidence Informs Advocacy for Women's Health – A Lifelong Journey.

For the 34th Annual Research Day, we had 315 people registered and 117 abstracts submitted. The Research Committee would like to thank everyone who participated, our administrative staff and volunteers, who worked hard to put it all together, and as always for those faculty members who evaluated the presentations as chairs and judges. Special thanks to Theodore J. Brown as the Deputy Chair and faculty lead for Research Day, and to Kellie Murphy as Vice-Chair, Research, for their leadership in profiling the great and enriching research and talent that our department nurtures. The 2017 J.W. Knox Ritchie Award recipients who represent the best abstract/presentation in each of the trainee categories are listed herein.

LEGEND

- Department of Obstetrics & Gynaecology, University of Toronto
- (2) Other
- (3) Lunenfeld-Tanenbaum Research Institute
- (4) St. Michael's Hospital
- (5) Mount Sinai Hospital
- (6) Hospital for Sick Children
- (7) Department of Physiology, University of Toronto
- (8) Sunnybrook Health Sciences Centre
- (9) Trillium Health Partners
- (10) University Health Network
- (11) Women's College Hospital
- (12) North York General Hospital

Oral Presentations

- 01 Use of Audio Computer-Assisted Self-Interviews (ACASI) to Gather Information on Risk Behaviours in a Referral Population of Pregnant Adolescents Anjali Aggarwal (1), Carol King (6), Carolyn Sheehan (6), Lisa Allen (5), Rachel Spitzer (1)
- 02 A Single Course of Prenatal Glucocorticoid Treatment Modifies the Stress Response and Pituitary Gene Expression Across Two Generations Alexandros Mouratidis (7), Alisa Kostaki (7), Stephen Matthews (7), Vasilis Moisiadis (7)
- 03 The Expression of Major ECM Proteins-Collagen and Elastinis Enhanced By Local Estrogen Therapy in Postmenopausal Women with Severe POP May Alarab (1), Oksana Shynlova (1), Stephen Lye (3), Tanya Tyagi (1)
- 04 Kidneys in a Dish: Making Kidney Organoids from Embryonic Stem Cell-Derived Renal Progenitors Andras Nagy (1), Ian Rogers (1), Jennifer Whiteley (1), Theresa Chow (3)
- 05 Increasing Pregnancy Health Services Uptake through Integrated Peer Support Groups in Kenya: A Prospective Cohort Study Astrid Christoffersen-Deb (1), Heather Millar (1), John Snelgrove (1), Rachel Spitzer (1)
- 06 A Cost-Effectiveness Analysis of Preimplantation Genetic Screening with In Vitro Fertilization in Ontario, Canada. Heather Shapiro (1), Nanette Okun (1), Rhonda Zwingerman (5), Wanrudee Isaranuwatchai (4)

- 07 Non-Anticoagulant Actions of Low-Molecular-Weight Heparin in Preeclampsia Dora Baczyk (3), John Kingdom (1), Jovian Wat (3)
- 08 Oxygen-dependent JMJD6 Regulation of Fibronectin Synthesis and Assembly in the Human Placenta Isabella Caniggia (3), Sruthi Alahari (3)
- 09 Dual Trigger vs. hCG for Final Oocyte Maturation: A Prospective Randomized Controlled, Double Blinded Study – Preliminary Results Jigal Haas (1), Rawad Bassil (1), Robert Casper (1)
- 010 Feasibility and Safety of Sameday Discharge after Laparoscopic Radical Hysterectomy for Cervix Cancer Allan Covens (1), Danielle Vicus (1), Kate Pulman (1), Lauren Philp (1), Lilian Gien (1), Rachel Kupets (1)
- 011 BRCA1 Modulates Inflammatory and EGFR Signaling in Human Fallopian Tube Epithelium
 Alexandra Kollara (1), Alicia
 Tone (10), Angela Lau (7),
 Barry Rosen (10), Carl Virtanen (10), Ellen Greenblatt (1), Julia
 Hollingsworth (1), K. Joan Murphy (9), Lisa Allen (1), Terry Colgan (5), Theodore Brown (1), Tomer Feigenberg (1), Valerie Dube (8)
- 012 Suboptimal Placental Perfusion is a Potential Mechanism for IUGR and Worse Perinatal Outcomes of Non-Presenting Fetuses in Dichorionic twins Christopher Sherman (8), Eran Weiner (1), John Kingdom (1), John Barrett (8), Kristine Giltvedt1 Giltvedt (1), Mia Kibel (8), Michael Kahn (1), Nir Melamed (8)

013 - Matched Histological Assessment Yields Clinical Refinement Within Placental Transcriptional Subtypes of Preeclampsia Brian Cox (7), David Grynspan (2), Katherine Leavey (7), Samantha Benton (2), Shannon Bainbridge (2)

014 - Prospective Validation of Sentinel Lymph Node Biopsy with Indocyanine Green Flourescence Imaging in High-grade Endometrial Cancer Allan Covens (1), Aysha Zia (1), Blaise Clarke (10), Danielle Vicus (1), Emily Van de Laar (10), Gabrielle Ene (10), Geneviève Bouchard-Fortier (1), Lilian Gien (1), Lisa Erlich (8), Mahmoud Khalifa (8), Marcus Bernardini (1), Maria Cusimano (1), Marjan Rouzbahman (10), Patricia Shaw (10), Rachel Kupets (1), Ravi Mohan (10), Sarah Ferguson (1), Stephane Laframboise (1), Taymaa May (1), Ur Metser (10), William Chapman (10)

Poster Presentations

Education – ePoster Session 1A

- 1A1 Impact of Resident Overnight Duty Hour Changes on Obstetrical Outcomes: A Population-Based Cohort Study Brian Liu (1), Grace Liu (1), Jamie Kroft (8), Janet Bodley (1), Michael Ordon (4)
- 1A2 Modelling the Learning Curves of Incoming Surgical Trainees Ana-Maria Iancu (1), Donna Steele (1), Eliane Shore (4), Marisa Louridas (2), Najma Ahmed (2), Natashia Seemann (2), Teodor Grantcharov (4)
- 1A3 Implementation and Validation of a Retroperitoneal Dissection Curriculum Abheha Satkunaratnam (4), Aisha Yousuf (1), Eliane Shore (4), Helena Frecker (1)
- 1A4 Implementation of a New Gynaecology Curriculum in the University of Toronto Obstetrics and Gynaecology Residency Program Aisha Yousuf (1), Eliane Shore (4), Katie Dainty (4), Sari Kives (4)
- 1A5 Understanding the
 Experiences of Obstetrics and
 Gynaecology Residents Who Take
 Parental Leave During Training in
 Canada: A Needs Assessment
 Amanda Selk (5), Emily Landon (1)
- 1A6 Examining the Forgetting Curve and How it Affects Surgical Skills Education Brian Liu (1), Patricia Lee (8)
- 1A7 Enhancing Patient Understanding of Bladder & Kidney Infection Juliette Dupre (8), Patricia Lee (8)

Obstetrics I — ePoster Session 1B

- 1B1 Impact of Cell Saver on Allogenic Transfusion Rates at Caesarean Delivery in Women with Abnormal Invasive Placentation Ally Murji (5), Greg Ryan (1), John Kingdom (1), Jose Carvalho (5), Lisa Allen (1), Rory Windrim (1)
- 1B2 The Effect of Maternal Antidepressants on Third Trimester Uteroplacental Hemodynamics and the Neonatal Abstinence Syndrome Alison Shea (1), Ariel Dalfen (5), Katie McLean (1), Kellie Murphy (5)
- 1B3 Characteristics of Myometrial and Decidual Chemokines Responsible for the Activation and Infiltration of Peripheral Leukocytes During Hyman Labour Oksana Shynlova (1), Stephen Lye (3), Tali Farine (7)
- 1B4 Uterine Arteriovenous Malformation: A Case Series and Review of the Literature Eva Mocarski (4), Siddhi Mathur (1), Sophie Bussiere-Cote (1)
- 1B5 Probiotic Lactobacillus Rhamnosus GR-1 Supernatant Regulates LPS-induced Cytokine Production in Human Myometrial Cells Bona Kim (3), Oksana Shynlova (1), Stephen Lye (3)
- 1B6 IUGR Phenotype Caused by Acid Sphingomyelinase Deficiency cannot be Rescued by Normal Uterine Environment Andrea Jurisicova (3), Isidora Rovic (7)

1B7 - Exercise, Inflammation and Preterm Labor Alan Bocking (3), Oksana Shynlova (1), Valerie Steckle (7)

Fertility I — ePoster Session 1C

1C1 - Impact of Preimplantation Genetic Screening on the Rate of Ultrasound-Detected First Trimester Fetal Anomalies Agata Galewicz-Sojecki (2), Clifford Librach (1), Julia Brachtchenko (2), Larissa Kan-ool (2), Nikki Legro (2), Ran Antes (2), Sergey Moskovtsev (2), Svetlana Madjunkova (2), Valeriy Kuznyetsov (2)

1C2 - Human Pre-implantation Embryos Exhibit Morphokinetic and Metabolic Signatures that May Predict Embryo Competency During IVF Treatment Clifford Librach (1), Hanna Balakier (1), Parshvi Vyas (7)

1C3 - Evaluation of Dynamic FcR Expression Patterns on Human Spermatozoa: A Novel Method that May Help Determine Optimal Timing of Intrauterine Insemination Annie Qu (1)

1C4 - Distribution of Funded IVF in Ontario: A Patient Perspective Claire Jones (1), Tom Gotz (1)

105 - Neuronal Growth Factors in Human Follicular Fluid and Potential Correlation with Female Infertility Amanda Baillargeon (2), Andree Gauthier-Fisher (2), Brandon Wyse (2), Clifford Librach (1), Khaled Zohni (1), Miranda Defer (2), Mozhgan Naeini (1), Mugundhine Sangaralingam (2), Prati Sharma (1)

MFM I ePoster Session 1D

1D1 - Preferences of Pregnant Women with and without Epilepsy for Health States Related to the Use of Antiepileptic Medications in Pregnancy Danielle Wuebbolt (1), Esther Bui (2), Hannah Thomas (1), Murray Krahn (2), Rohan D'Souza (5), Vanessa Nguyen (1)

1D2 - Variation in Preferences of Pregnant Women with and without Cardiac Disease for Health States Related to the Use of Anticoagulation in Pregnancy Candice Silversides (1), Danielle Wuebbolt (1), Hannah Thomas (1), Mathew Sermer (1), Murray Krahn (2), Rohan D'Souza (1), Vanessa Nguyen (1)

1D3 - Postpartum Depression Assessment in the Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study Alison Shea (1), Andrew Willan (6), Elizabeth Asztalos (8), Johanna Sanchez (8), Kellie Murphy (5)

1D4 - Pregnancy Outcomes in Patients with Mitochondrial Myopathy, Encephalomyopathy, Lactic Acidosis and Stroke-like Episodes (MELAS) Syndrome Hannah Faghfoury (10), Julia Kfouri (1), Rohan D'Souza (1), Serena Gundy (5)

105 - Predicting Pregnancy
Outcomes and Time-to-Transfusion in
Isoimmunized Pregnancies that Require
Fetal Intrauterine Blood Transfusion
Gareth Seaward (1), Greg Ryan
(1), John Snelgrove (1), Nadine
Shehata (2), Rohan D'Souza
(5), Rory Windrim (1)

1D6 - The Impact of Video-based Activity Platform on Management of Gestational Diabetes — A Randomized Controlled Trial. Howard Berger (4), Leanne De Souza (4), Nirmala Chandrasekaran (1), Sherri Storm (4)

Stem Cells I — ePoster Session 1E

1E1 - Human Umbilical Cord Perivascular Cells Can Differentiate Toward a Schwann-like Cell Lineage: Potential Stem Cell Therapy for Peripheral Neuropathy Andree Gauthier-Fisher (2), Clifford Librach (1), Denis Gallagher (2), Fyyaz Siddiqui (2), Jonah Librach (2), Luqmaan Moolla (2), Svetlana Madjunkova (2)

1E2 - Scyllo Inositol Does Not Affect Human Umbilical Cord Perivascular Cell Biology In Vitro: Potential for a Combination Therapy for Alzheimer's Disease Andree Gauthier-Fisher (2), Bojana Stefanovic (8), Clifford Librach (1), Denis Gallagher (2), Fyyaz Siddiqui (2), JoAnne McLaurin (8), Luqmaan Moolla (2), Lynsie Thomason (8)

1E3 - Intra-ovarian Injection of First Trimester Human Umbilical Cord Perivascular Cells Protects Against Chemotherapy-induced Ovarian Damage in Rat Model Andree Gauthier-Fisher (2), Clifford Librach (1), Karen Glass (8), Khaled Zohni (1), Lianet Lopez (11), Meredith Garcia (2)

1E4 - Progesterone enhances immunoprivilege of first TM human umbilical cord perivascular cells (FTM-HUCPVCs): a new way to improve therapeutic engraftment Alexandra Lucato (2), Andree Gauthier-Fisher (2), Benjamin Katzman (2), Clifford Librach (1), David Rabinovitch (2), Peter Szaraz (7), Yarden Gratch (2)

1E5 - Human Umbilical Cord Perivascular Cells (HUCPVC) Maintain Mesenchymal Stromal Characteristics & Regenerative Properties after Chemotherapy Exposure Andree Gauthier-Fisher (2), Brandon Wyse (2), Clifford Librach (1), Itai Gat (1), Karen Glass (8), Khaled Zohni (1), Lianet Lopez (11), Melissa Filice (2), Meredith Garcia (2), Peter Szaraz (7)

Stem Cells II — ePoster Session 1F

1F1 - Optimizing Cell Expansion for Regenerative Therapy to Maintain the Phenotype of First Trimester Human Umbilical Cord Perivascular Cells (FTM-HUCPVCs) Alexandra Lucato (2), Benjamin Katzman (2), Clifford Librach (1), Corey Kamen (2), David Yanofsky (2), Peter Szaraz (2), Yarden Gratch (2)

1F2 - A Novel Method to Calculate the Mitochondrial DNA/Nuclear DNA Ratio in Human Blastocysts as a Biomarker for Human Embryo Implantation Potential Clifford Librach (1), Ely Fish (2), Jonah Librach (2), Ran Antes (2), Rina Abramov (1), Svetlana Madjunkova (2), Valeriy Kuznyetsov (2)

1F3 - Sperm DNA Fragmentation Index (DFI) Does Not Correlate With Blastocyst Aneuploidy Rate in Egg Donor Cycles Clifford Librach (1), Itai Gat (1), Khaled Zohni (1), Nancy Li (2), Natalia Yasovich (2), Noga Weizman (1), Ran Antes (2), Valeriy Kuznyetsov (2)

1F4 - Differentiating Induced Pluripotent Stem Cells into Renal Progenitors for Reseeding onto Decellularized Scaffolds of the Porcine Kidney Aisha Mohamed (7), Ian Rogers (1), Jennifer Whiteley (1), Markus Selzner (10), Matyas Hamar (2), Moritz Kaths (10), Theresa Chow (7), Tonya Bongolan (7)

1F5 - Generation and Characterization of Induced Pluripotent Stem Cells (iPSCs) from Human Umbilical Cord Mesenchymal Stromal Cells Using Episomal 5 Reprogramming Aisha Mohamed (7), Ian Rogers (1), Jennifer Whiteley (1), Theresa Chow (7), Tonya Bongolan (7)

Reproductive Endocrinology I – ePoster Session 1G

161 - The Cumulus Cell Transcriptome is Profoundly Influenced by the Method for Triggering of Final Maturation in IVF Patients With a High Ovarian Reserve Brandon Wyse (2), Clifford Librach (1), Hanna Balakier (1), Itai Gat (1), Julieta Caballero (2), Noga Fuchs Weizman (1), Shlomit Kenigsberg (2), Stewart Russell (2)

162 - Alterations in Neuroinflammatory Cytokines in Co-culture of Hypothalamic Neurons and Microglia Exposed to Palmitate Denise Belsham (7), Jennifer Chalmers (7), Mun Huei Kim (7), Soyeon Park (7) 163 - TNFα Exposure Induces Neuroinflammation and Insulin Resistance in a Rat-derived Hypothalamic Cell Model, rHypoE-7 Denise Belsham (7), Leigh Wellhauser (7), Makram Aljghami (7), Matthew Clemenzi (7)

164 - VEPH1 Decreases TSC1: A Potential Modulation of mTOR Signalling Alexandra Kollara (1), Premalatha Shathasivam (1), Suan Chin Yeo (7), Theodore Brown (1)

165 - Optimizing a Procedure for the Isolation and Purification of Human Granulosa Cells for Biobanking Purposes. Andree Gauthier-Fisher (2), Brandon Wyse (2), Clifford Librach (1), Mozhgan Naeini (1), Shlomit Kenigsberg (2), Sydney Flatt (2)

Gynaecology I – ePoster Session 1H

1H1 - Factors Influencing the Difficulty of Laparoscopic Myomectomy: A Delphi Approach Ally Murji (5), Catherine Allaire (2), Eliane Shore (4), John Thiel (2), Marian Leung (1), Sukhbir Singh (2), Togas Tulandi (2)

1H2 - Measure to Reduce Periand Intra-Operative Blood Loss at Myomectomy: A Survey of Obstetrician-Gynecologists Deborah Robertson (1), Grace Yeung (1), Helena Frecker (1), Sari Kives (4)

1H3 - Gabapentin Reduces Opioid Use Postoperatively ("GROUP Study"): A Randomized Control Trial in Women Undergoing Reconstructive Pelvic Surgery Adrienne Li (1), Colleen McDermott (1), Danny Lovatsis (1), Kristin Wadsworth (5), May Alarab (1), Naveed Siddiqui (5), Nucelio Lemos (5)

1H4 - A Cost-utility Analysis of Non-surgical Treatments for the Management of Stress Urinary Incontinence in Adult Women Alaina Garbens (2), Andrea Simpson (1), Colleen McDermott (1), Fahima Dossa (2), Nancy Baxter (4), Peter Coyte (2)

1H5 - A Novel Approach to Postoperative Pain Management in Vaginal Surgery: Bupivacaine Use in Vaginal Packing Amanda Michael (1), Janet Bodley (1), Louise Gagnon (8), Patricia Lee (8), Rose Kung (1)

1H6 - Operating Room Utilization: A Retrospective Analysis of Operating Room Delays by Hysterectomy Approach Andrea Simpson (1), Eliane Shore (4), Grace Yeung (1)

1H7 - The Incidence and Risk Factors for Pregnancy Among HIVpositive Adolescents Enrolled in a Large HIV Treatment Program in Western Kenya from 2005–2014 Alfred Keter (2), Alice Kaaria (2), Edith Apondi (2), Gerald Bove (2), Heather Millar (1), Juddy Wachira (2), Katherine MacDonald (2), Paula Braitstein (2), Rachel Spitzer (1)

Developmental Origins of Health & Disease — ePoster Session 2A

2A1 - Placenta-derived Serotonin in Highly Seasonal Pregnant Women Alan Bocking (1), Maria Sqapi (7), Robert Levitan (2), Stephen Matthews (7)

2A2 - Fetal Glucocorticoid Exposure Modifies the Blood-Brain Barrier After Birth Margaret Eng (7), Stephen Matthews (7)

2A3 - The Effect of the Endocrine Disrupting Chemical Bisphenol A on Pro-opiomelanocortin, Circadian Rhythm, and Neuroinflammatory Marker Gene Expression Ashkan Salehi (7), Denise Belsham (7)

2A4 - The Effect of Bisphenol A and Bisphenol S on Hypothalamic Feeding-Related NPY/AgRP Neurons Denise Belsham (7), Emma McIlwraith (7), Neruja Loganathan (7)

2A5 - Antenatal Glucocorticoid Therapy and Oxidative Stress in the Fetal Hippocampus Alexandros Mouratidis (7), Alisa Kostaki (7), Stephen Matthews (7), Susmita Sarkar (7), Vasilis Moisiadis (7)

2A6 - Novel Approaches to Investigate the Developing Blood-brain Barrier Andrada Naghi (7), Margaret Eng (7), Stephen Matthews (7)

2A7 - Predictive Modelling of Behaviour through Gene Expression Alisa Kostaki (7), Andrea Constantinof (7), Stephen Matthews (7), Vasilis Moisiadis (7)

Obstetrics II — ePoster Session 2B

2B1 - Twice-daily vs. Fourtimes Daily Glucose Testing in Women with Gestational Diabetes Mellitus: Pilot Study Alison Park (4), Howard Berger (4), Joel Ray (4), Sophie Bussiere-Cote (1)

2B2 - Rates of Gonorrhea and Chlamydia Testing Among Pregnant Women Presenting for Prenatal Care Marina Vainder (1), Mark Yudin (1), Sari Kives (4)

2B3 - Pregnancy Outcomes Following Ulipristal Acetate Treatment for Uterine Fibroids: A Systematic Review and Multi-Center Canadian Case Series Ally Murji (5), Angelo Vilos (2), Cassandra De Gasperis-Brigante (1), George Vilos (2), Sukhbir Singh (2)

2B4 - Iron Deficiency Anaemia in Pregnancy and Treatment Options: A Patient-preference Study Danielle Wuebbolt (1), Hannah Thomas (1), Murray Krahn (2), Nadine Shehata (2), Rohan D'Souza (5), Vanessa Nguyen (1)

2B5 - Finding an Objective Method of Estimating Intrapartum Blood Loss Adam Komorowski (2), Adam Rosen (1), Kristyn Dunlop (2), Rebecca Eckler (2), Rohan D'Souza (5)

2B6 - Optimal Timing of Antenatal Corticosteroids in Women with Bleeding Placenta Previa Eman Alsayegh (1), Jon Barrett (8), Nir Melamed (8)

2B7 - Late-Preterm Twins — Are They Facing the Same Risks as Singletons? Elizabeth Asztalos (8), Jon Barrett (8), Mia Kibel (8), Nir Melamed (8), Shimrit Yaniv Salem(1)

Fertility II – ePoster Session 2C

2C1 - Is Cost a Barrier? Fertility Preservation Utilization Among Oncofertility Patients Eileen McMahon (5), Ellen Greenblatt (1), Tom Gotz (1)

2C2 - Application of the haloFISH Assay to Distinguish Chromosomal (Chr) and Extrachromosomal (EC) Telomeric DNA Populations in the Human Sperm Genome Clifford Librach (1), Martin Komosa (6), Pamela Kurjanowicz (7), Sergey Moskovtsev (2), Uri Tabori (6)

2C3 - Effect of the Density Gradient Centrifugation Sperm Isolation Method on Human Sperm DNA Damage Andrew Lee (1), Bill Yee (7), Clifford Librach (1), Junyan Zhang (1), Kirah Hahn (2), Natalia Yasovich (2), Sergey Moskovtsev (2)

2C4 - Laboratory and Clinical Outcomes of Intracytoplasmic Sperm Injection Cycles Utilizing Sperm Obtained by Microsurgical Testicular Sperm Extraction Ellen Greenblatt (1), Jason Elliott (1), Keith Jarvi (5)

MFM II – ePoster Session 2DI

2D1 - Screening Healthy Nulliparous Women for Placental Disease in the Second Trimester Barry Hoffman (5), Emily Wright (1), John Kingdom (1), Melanie Audette (1), Prakesh Shah (5), Sarah Keating (2), Stephen Lye (3) Xiang Ye (5) 2D2 - Role of Angiomotin (AMOT) in TGF-β Mediated Disruption of Cell Polarity in the Human Placenta Abby Farrell (3), Isabella Caniggia (3)

2D3 - Cross-talk Between Oxygen and Sphingolipid Metabolism in Human and Murine Placental Development Isabella Caniggia (3), Julien Sallais (3)

2D4 - A Single Sphingomyelin Species Promotes Exosomal Release of Endoglin into the Maternal Circulation in Preeclampsia Isabella Caniggia (3), Leonardo Ermini (1), Martin Post (6), Cynthia Maxwell (5), James Vernon (2), John Snelgrove (1), Rohan D'Souza (5), Yair Sagi (1)

2D5 - Wound Disruption Following Caesarean Delivery in Women with Class III Obesity: A retrospective Case Control Study Elad Mei-Dan (12), Jon Barrett (8), Nir Melamed (8), Rebecca Jackson (1)

2D6 - Placental Location and Preterm Birth Elad Mei-Dan (12), Jon Barrett (8), Nir Melamed (8), Rebecca Jackson (1)

Stem Cells III — ePoster Session 2E

2E1 - Transient Human Trophoblast Populations Identified through Cellular Systems Biology Brian Cox (7), Frances Wong (7)

2E2 - Defining and Providing a Solution for Cell Therapy Safety Andras Nagy (1), Claudio Monetti (3), Eric Neely (3), Hoon-Ki Sung (6), Huijuan Yang (3), Iacovos Michael (3), Maria Mileikovsky (3), Maria Shutova (3), Marina Gertsenstein (2), Puzheng Zhang (3), Qin Liang (3), Sabiha Hacibekiroglu (3)

2E3 - Development of Local Acting Biologics for Combined Cell and Gene Therapy to Treat Rheumatoid Arthritis Andras Nagy (1), Eric Neely (3)

2E4 - Systemic and Local Modulation of the Immune Response to Allogeneic Cell Transplants Andras Nagy (1), Huijuan Yang (3), Ian Rogers (1)

Gynaecology Oncology – ePoster Session 2F

2F1 - VEPH1 Expression Decreases Vascularization in Ovarian Cancer Xenografts and Inhibits VEGFA and IL8 Expression through Inhibition of AKT Activation Alexandra Kollara (1), Blaise Clarke (10), Maurice Ringuette (2), Premalatha Shathasivam (1), Soyeon Park (7), Theodore Brown (1), Thomasina Spybey (7)

2F2 - The Feasibility of Laparoscopic Surgery in Gynaecologic Oncology for Obese and Very Obese Patients Jessie Peng (1), K. Joan Murphy (9), Kate Pulman (1), Sarah Sinasac (9), Tomer Feigenberg (1)

2F3 - Hematologic Toxicity in Women with BRCA Germline Mutation Undergoing Platinumbased Chemotherapy for High-grade Serous Ovarian Carcinoma Jeffrey Boyd (2), Joanne Kotsopulos (11), Karla Willows (1), Marcus Bernardini (1), Ping Sun (11), Raymond Kim (10), Steven Narod (11), Taymaa May (1)

2F4 - Impact of Surgical Stress on Advanced Ovarian Cancer Progression and Survival in Relation with Timing of Chemotherapy: Bedside to Bench Alexandra Kollara (1), Austin Yoo Lee (1), Lin Lu (10), Taymaa May (1), Theodore Brown (1), Wei Xu (10)

2F5 - A Decision Analysis of the Treatment Strategies for Pelvic Lymph Node Positive Stage IB1 Cervical Cancer Harindra Wijeysundera (2), Harry Brar (1), Nadia Roumeliotis (6), Sarah Ferguson (1), Tiffany Zigras (1)

2F6 - Sentinel Lymph Nodes in Vulvar Cancer: Management Dilemmas in Patients with Positive Nodes and Larger Tumors Allan Covens (1), Andra Nica (1), Danielle Vicus (1), Lilian Gien (1), Matthew Cesari (8), Rachel Kupets (1), Ray Osborne (1)

2F7 - Sites of Recurrence and Their Impact on Post-recurrence Survival in Patients with Ovarian Clear Cell Carcinoma Liat Hogen (1)

Reproductive Endocrinology II – ePoster Session 2G

2G1 - PRA and ERα Jointly Transform Quiescent Pregnant Myometrium into a Contraction Generating Muscle During Labour Hedy Romero (2), Lubna Nadeem (3), Oksana Shynlova (1), Sam Mesiano (2), Stephen Lye (3)

2G2 - A Case Report — Treatment of Hypo Hypo Patients with Opioid

Receptor Antagonist to Induce Ovulation: A Forgotten Treatment? Jigal Haas (1), Rawad Bassil (1), Robert Casper (1)

2G3 - Plasminogen Activator Inhibitor-1 (PAI-1) in Peritoneal Fluid of Endometriosis Patients Dan Nayot (1), Paul Chang (1), Robert Casper (1), Tzu-Bou Hsieh (1)

2G4 - Progesterone Differentially Regulates Cx43 Gap Junction Formation through its Receptors PRA and PRB in Breast Cancer Cells Justin Rondeau (7), Lubna Nadeem (3), tephen Lye (3)

2G5 - Regulation of the Novel Reproductive Peptide, Phoenixin, by Bisphenol A and Palmitate, but not 17β-Estradiol, in Hypothalamic Cell Models Denise Belsham (7), Emma McIlwraith (7), Neruja Loganathan (7)

2G6 - Effects of the Saturated Fatty Acid Palmitate on Cellular Neuroinflammation and Pomc Expression in the mHypoA-POMC/ GFP Neuronal Cell Models Denise Belsham (7), Erika Tse (7)

Gynaecology II – ePoster Session 2H

2H1 - Surgical Management Algorithm for Caesarean Scar Pregnancy Ally Murji (5), Jessica Papillon-Smith (5), Jonathon Solnik (5), Kirsten Niles (5), Mara Sobel (5)

2H2 - Development of the Adult Vulvar Lichen Sclerosus Severity Scale — A Delphi Consensus Exercise Amanda Selk (5), Michal Sheinis (1)

2H3 - Efficacy and Safety of Transdermal Estrogen and Intermittent Progesterone: A Retrospective Study Halaa Gomaa (1), Lina Huang (1), Namshah Alburiki (1), Wendy Wolfman (1)

2H4 - Selective Progesterone Receptor Modulators (SPRMs) for Uterine Fibroids — A Cochrane Review Ally Murji (5), Mara Sobel (5), Tiffany Chow (1)

2H5 - Bacterial Vaginosis in the Pregnant Adolescent Population: Screening and Treatment in a Dedicated Adolescent Prenatal Program Anjali Aggarwal (1), Carol King (6), Hanna Goldberg (1), Lauren Jain (1), Lisa Allen (5), Rachel Spitzer (1)

2H6 - Impact of Introducing an Evidence-based Multidisciplinary Algorithm on the Management of Adnexal Masses in the Paediatric Population Hanna Goldberg (1), Lisa Allen (5), Sari Kives (4)

2H7 - Registrar and Consultant Perceptions of a 24-Hour Obstetrical Call Schedule at a Teaching and Referral Hospital in Eldoret, Kenya Astrid Christoffersen-Deb (1), Bett Kipchumba (2), Elkanah Omenge (2), Heather Millar (1), Joy Alera (2), Martha Smith (2)

J.W. Knox Ritchie Research Awards

We are pleased to announce the following winners of the 2017 J.W. Knox Ritchie Research Awards for best abstract/presentation by trainee category.

Clinical Fellow

John Snelgrove

(Supervisor: Astrid Christoffersen-Deb)

Increasing Pregnancy Health Services Uptake through Integrated Peer Support Groups in Kenya: A Prospective Cohort Study

Post-Doctoral Fellow

Lubna Nadeem

(Supervisor: Stephen Lye)

PRA and ERα Jointly Transform Quiescent Pregnant Myometrium into a Contraction Generating Muscle During Labour

Resident

Maria Cusimano

(Supervisor: Sarah Ferguson)

Prospective Validation of Sentinel Lymph Node Biopsy with Indocyanine Green Flourescence Imagine in Highgrade Endometrial Cancer

Graduate Student

Abby Farrell

(Supervisor: Isabella Caniggia)

Role of Angiomotin (AMOT) in TGF- β Mediated Disruption of Cell Polarity in the Human Placenta

Medical/Undergraduate Student

Ana-Maria lancu

(Supervisor: Eliane Shore)

Modelling the Learning Curves of Incoming Surgical Trainees









FACULTY PROFESSIONAL DEVELOPMENT DAY 2016



The theme for Faculty Professional Development Day for 2016 was faculty mentorship and wellness. The event was held at the Vaughan Estate at the Estates of Sunnybrook on Friday, November 11th, 2016. There were over 90 faculty members in attendance. The theme of faculty mentorship and wellness was explored through a collection of small group interactive sessions, plenary and keynote lectures, and participant-led discussion groups ("unconference" sessions). Topics included peak performance and mental readiness, intentional rolemodelling, mindfulness in life and medical practice, mitigating risk and managing stress during disclosure of healthcare-related harm, mentorship in clinical and research environments, ethics of authorship, sleep health, late career transitions, and thriving in academic medicine.

Overall Goal

To encourage faculty mentorship and wellness by presenting current knowledge, skills and strategies on the effective management of stress related to clinically challenging events, the achievement of desired career goals through genuine mentorship support, and the development of a sense of personal fulfillment and meaning in one's work and life.

Program Objectives

After participation in this program, faculty members would be able to:

- 1. Describe skills to improve mental readiness and achieve peak performance in medical practice.
- Use intentional role modelling to support the competency by design framework.
- Apply principles of mindfulness to enhance professional practice and personal well-being.

- 4. Explain ways to manage stress brought on by patient harm and medico-legal difficulties.
- 5. Identify principles of establishing a mentorship program in the Department.
- 6. Examine impact of sleep loss on health and patient care, and sleep loss compensation.
- Identify late career transition phenomenon and how stakeholders can take action for success.
- 8. Discuss effective mentorship, for mentors and mentees, in clinical and research spheres.
- 9. Discuss the ethics of research authorship.
- 10. Define "success" in academic medicine and how faculty can "thrive" in the academic culture.

The plenary opening lecture was provided by Dr. Brian Murray, an associate professor at the University of Toronto in neurology and director of the sleep laboratory at Sunnybrook Health Sciences Centre. Dr. Murray presented, *Sleep: Your Health and Clinical Practice*. The presentation addressed the basic principles of sleep physiology, the effects of sleep loss on health and the impact it has on patient care, and strategies to compensate for sleep loss.

The keynote lecture was presented by Dr. Karen Leslie. Dr. Leslie is a staff paediatrician in the Division of Adolescent Medicine at the Hospital for Sick Children and a Professor of Paediatrics at the University of Toronto. Since 2009, Dr. Leslie has been the Director of the Centre for Faculty Development. Her presentation looked at how faculty ensure that academic careers are both successful and fulfilling and how various roles academic faculty play as clinicians, educators, and researchers, are valued and supported.

This year, the organizing committee introduced a series of "unconference" sessions which were less structured small group sessions to allow for more dynamic discussion. Unconference session topics included:

 Establishing a Formal Mentorship Program in the Department of Obstetrics & Gynaecology, facilitated by Janet Bodley and Karen Leslie

- Staying Out of Trouble (When You're in Trouble), facilitated by Tino Piscione, CMPA
- Trials and Tribulations of Authorship, facilitated by Ted Brown

Other small group session topics were:

- Peak Performance: Staying on Top of Your Game with Ted Bober and Joy Albuquerque from the OMA Physician Health Program
- Role Modelling: Actions Speak Louder Than Words!
 Enhancing the Use of Intentional Role Modelling in Teaching and Learning with Janet Bodley,
 Department of Obstetrics & Gynaecology
- The Mindful OBGYN: Using Mindfulness in Life and Medical Practice – led by Steven Selchen, Department of Psychiatry
- When Things Go Wrong: What are our Obligations to the Patient, and to Ourselves? – led by Tino Piscione, CMPA
- Late Career Transition: What, Why, and How? led by Robin Richards, Department of Surgery, SHSC
- Mentorship Essentials led by Karen Leslie, Centre for Faculty Development
- Supervising and Mentoring Graduate Research
 Trainees: How to Foster a Working Knowledge of
 Research led by Ted Brown, Department of
 Obstetrics & Gynaecology



GRADUATION CEREMONY & ALUMNI EVENT



2016–2017 Graduating Class

The Graduation Ceremony & Alumni Event continues to be our most highly attended and exciting event of the year. We gathered at the University's Hart House in the Great Hall which highlights the prestige of our program and its graduates. At this year's ceremony, we had the past 3 department chairs, Drs. Alan Bocking, Knox Ritchie, and Walter Hannah, in attendance along with Dr. Bill Whittaker, one of the oldest residency training program graduates, who was from the graduating class of 1959. Dr. Alan Bocking addressed the graduates and also honoured Dr. Donna Steele, the departing Residency Program Director, on behalf of the Department, with his words of praise for her work and dedication to building the program and for the care she showed the residents who went through the program.

Graduating Residents 2017

Marie Christakis

Lara Gotha

Kirsten Niles

Lacey Harding

Rebecca Rich

John Ibrahim

Aparna Sarangapani

Ingrid Lai

Lynn Sterling

Mathew Leonardi

Carmen McCaffrey

Jellena Wong

We hope that our graduates will continue to stay in touch and even be involved with our Department as they proceed onto new endeavours in their careers. As always, we look forward to their great accomplishments to come.

Resident Awards

Social Responsibility Award in Global Women's Health and Vulnerable Populations
Rebecca Rich

Excellence in Clerkship Teaching

- Maria Cusimano (PGY3)
- Kristin Harris (PGY4)
- Lynn Sterling & Mathew Leonardi (PGY5)

Society of Maternal-Fetal Medicine Resident Award for Excellence in Obstetrics

Kirsten Niles

American Association of Gynaecologic Laparoscopists (AAGL) Award

Aparna Sarangapani

North American Society for Pediatric and Adolescent Gynecology (NASPAG) Outstanding Resident Award Lacey Harding

Dr. Frederick R. Papsin Award

Carmen McCaffrey

Faculty Awards

CREOG National Faculty Award

Mara Sobel

Neelam Sierra Resident Advocacy Award

Donna Steele

Graduating Fellows 2017

Advanced High Risk Obstetrics

Yael Ganor Dana Vitnor

Advanced Obstetrics

Maayan Bas-Lando

Gynaecologic Reproductive Endocrinology & Infertility*

Jason Elliott Tamas Gotz

Gynaecologic Endoscopic Surgery

Vicky Hadid

Gynaecologic Oncology*

Harinder Brar

Maternal-Fetal Medicine*

Nirmala Chandrasekaran Shimrit Yaniv Salem Yair Sagi Stefania Ronzoni Hana Alsehli Rasheeda Al Tourshi

Mature Women's Health & Menopause

Lina Huang

Minimally Invasive Gynaecologic Surgery**

Brian Liu

Minimally Invasive Gynaecologic Surgery – SMH

Grace Yeung Aisha Yousuf

Paediatric & Adolescent Gynaecology

Carol King

Perinatal

Gharid Nourallah Bekdache Nili Isserles Gabrielle Cassir

Reproductive Sciences

Tzu-Bou Hsieh Jigal Haas Genevieve Genest

Reproductive Sciences & Infertility

Khalid Zohni

Urogynaecology & Reconstructive Pelvic Surgery

Andrea Santiago

Global Women's Health & Equity

Heather Millar

- * Royal College of Physicians and Surgeons of Canada accredited program
- ** American Association of Gynaecologic Laparoscopists accredited program



SIGNIFICANT HONOURS & AWARDS

2016–2017 Department Awards

Chair's Awards

Excellence in Undergraduate Teaching

Dini Hui

Excellence in Postgraduate Teaching

Mark Yudin

Excellence in Integrated Undergraduate Teaching

Kooyeon Chun

Excellence in Integrated Postgraduate Teaching

Anjali Aggarwal

Excellence in Postgraduate Program Development/Innovation

Tatiana Freire-Lizama

Outstanding Research Potential

Danielle Vicus

Sustained Excellence in Research

Andras Nagy

Excellence in Research Facilitation

Eliane Shore

Excellence in Continuing Medical Education Teaching

Michael Shier

Excellence in Continuing Medical Education Course Coordination

Rachel Spitzer & Lisa Allen



Awards for Undergraduate Teaching Excellence

Brampton Civic Hospital

Kiran Sahi

Credit Valley Hospital

Amanda Cipolla

Etobicoke General Hospital

Rebecca Cash

Michael Garron Hospital

Anjali Aggarwal

Mississauga Hospital

Dalip Bhangu

Mount Sinai Hospital

Ally Murji

Mount Sinai Hospital

Lindsay Shirreff

North York General Hospital

Lynne Zolis

Sunnybrook Health Sciences Centre

Dini Hui

St. Joseph's Health Centre

Clarissa Bambao

St. Michael's Hospital

Eva Mocarski

The Scarborough Hospital

Haidar Mahmoud

Carl Nimrod Award

Melanie Ornstein

Research Grants & Investigations

PEER-REVIEWED GRANTS



Over \$10,000 PI=Principal Investigator

Baker A, Librach CL
(Co-PI). Human Umbilical
Cord Perivascular Cell
(HUCPVC) Therapy for
Traumatic Brain Injury:
Targeting the Neurovascular
Unit. Physicians Services
Incorporated (PSI). \$160,500
CAD. June 2015 — May 2017.

Berger H (Co-PI), Feig D (Co-PI), Lipscombe L (Co-PI), Bocking A, Birken C, Maguire J, Halperin I, Mukerji G, Melamed N, Wolfs M. BBDC Diabetes in Pregnancy Cohort Study. Banting and Best Diabetes Centre. \$247,208.05 CAD. April 2015 — March 2017.

Bernardini MQ (PI), Brar H.

Toronto Gynecologic Surgery Video Repository (TVSRR) — A Novel Approach to Surgical Education. Sinai Health System. Department of Obstetrics and Gynecology. \$10,000 CAD. March 2016 — February 2017.

Brown TJ (PI), Ringuette M.
Impact of VEPH1 on Cancer
Associated Signalling Pathways
in the Promotion of Ovarian
Cancer. Transitional Operating
Grant - Canadian Institutes
of Health Research (CIHR).
\$761,655 CAD. September
2015 – August 2020.

Brown TJ, Rosen B (Pls); Murphy KJ, Colgan T, Tone A, Virtanen C, Allen L, Greenblatt E. Sustained
Ovulation-associated
Signaling in Fallopian Tube
Epithelium as a Predisposing
Factor of Serous Carcinoma.
Operating Grant (Renewal
of MOP106679) — Canadian
Institutes of Health Research
(CIHR). \$495,000 CAD. October
2013 — September 2016.

Bujold E (PI), Audibert F,
Pastuck M, Chaillet N, Okun
N, Forest JC, Giguere Y, Masse
B. First-trimester Prediction
of Preeclampsia and Other
Planceta-mediated Pregnancy
Complications. Department
of Obstetrics & Gynaecology,
Mount Sinai Hospital. CHIR
Grant. \$979,574 CAD.
July 2016 — June 2021.

Caniggia I (PI). The Dynamic Role of the Oxygen/TGFß Axis in Regulating Sphingolipid Metabolism during Placental Development. Natural Sciences and Engineering Research Council (NSERC), Discovery Grant. \$150,000 CAD. April 2015 — March 2021.

Caniggia I (PI), Nevo
O, Post M. The Role of
Bcl-2 Family Members in
Regulating Placental Cell
Fate. Canadian Institutes
of Health Research (CIHR),
Operating Grant. \$795,820
CAD. April 2014 — March 2019.

Caniggia I (PI), Post M, Ermini L, Bocking A, Lye S. Lipidomics: A Novel Tool to Define Human Placental Development and Function across Pregnancy. National Institutes of Health (NIH) RFA-HD-16-036 Using Omics to Define Human Placental Development and Function Across Pregnancy (R01) grant. \$1,918,737 USD. September 2016 – July 2021.

Casper R (PI), Juriscova A
(Co-PI). Characterization of the
Bioenergetics and Metabolic
Function of Mitchondria
Isolated from Oocyte Precursor
Stem Cells. CIHR, Operating
Grant: Industry-Partnered
Collaborative Research.
\$911,700 CAD. March
2015 – February 2020.

Dennis CL (lead) Birken C (PI), Abbass-Dick J, Atkinson S, Barrett J, Bell R, Berard A, Berger H, Brown H, Chambers C, Clinton J, Constantin E, Da Costa D, Feller, Guttmann A, Hutchinson H, Isaranuwatchai W, Janus M, Joseph KS,

Kimmins S, Letourneau N, Li P, Maguire J, Manson H, McGrath P, Murphy KE, Nuyt AM, O'Connor D, Parekh R, Paterson A, Parkin P, Puts M, Ray J, Roumeliotis P, Santos R, Scherer S, Sellen D, Semenic S, Shah P, Smith G, Stremler R, Szatmari P, Telner D, Thorpe K, Tremblay M, Vigod S, Walker MP. Juni Trajectories of Healthy Life Using Public Health and Primary Care Interventions in Canada: The TROPHIC Trial, Canadian Institutes of Health Research (CIHR). \$17,050,000.00 CAD. August 2017 – July 2027.

D'Souza R (PI), Murphy KE, Alavifard S. Determining the Success of Induction of Labour: A Prediction Rule. MSH-OBGYN Department grants. \$11,242 CAD. February 2017.

Fehlings M (PI), Nagy A,
Morshead C, Shoichet M, Tator
C, van der Kooy D. Repari and
Regeneration of the Injured
Cervical Spinal Cord: An
Integrated Translationally
Oriented Team Grant. Krembil
Foundation Grant, University
Health Network. \$206,000
CAD. May 2015 — April 2018.

Feig D (PI), Armson BA,
Asztalos E, Fantus IG,
Hamilton JK, Haqq AM, Lee
SK, Lipscombe L, Murphy KE,
Ohlsson A, Ryan EA, Tomlinson
GA, Zinaman B. MiTy Kids:
Metformin in Women with Type
2 Diabetes in Pregnancy Kids
Trials. Canadian Institutes
of Health Research, Clinical
Trial. \$1,299,000 CAD. October
2012 — September 2018.

Feig D (PI), Asztalos E, Corcoy G, Donovan L, Hod M, Jovanovic L, Keely E, Kollman C, Kowalski A, Lou O, de Levia A, McManus R, Murphy H, Murphy KE, Pragnell M, Ruedy K, Tomlinson G, Yogev Y. Continuous Monitor Glucose Monitoring in Women with Type 1 Diabetes in Pregnancy Trial (CONCEPTT). Juvenile Diabetes Research Foundation International and Juvenile Diabetes Research Foundation Canada. \$7,121,042 CAD. July 2012 – June 2016.

Ferguson S (PI), Bernardini MQ, Butler M, Clarke B, Brown T, Tone A, Virtanen C, Pugh T, Vicus D, Eriksson L, McGill P, Kwon J, Ohashi, P. Targeting the Immune Microenvironment of Microsatellite Instable Non-serous Ovarian Carcinoma. Canadian Cancer Society Research Institute (CCSRI) Innovation Grant. \$199,306 CAD. October 2016 — October 2018.

Ferguson S (PI); Brown
T, Butler M, Clarke B,
Eiriksson L, Kwon J, Ohashi
P, Pugh T, Tone A, Vicus D,
Virtanen C. Targeting the
Immune Microenvironment
of Microsatellite Instable
Non-serous Ovarian Carcinoma.
Innovation Grant, Canadian
Cancer Society Research
Institute (CCSRI). \$199,306
CAD. June 2016 – July 2018.

Ferguson S (PI), Clarke B (PI), Gallinger S, Holter S, Pollett A, Vicus D, Kwon J, Eiriksson L, Read C, Bernardini MQ, Gilks C, Dube V, Aronson M, Lerner-Elis J, Pugh T, Tone A, Hart T, Kim R, McGill P. Maximizing Cancer Prevention through Universal Screening for Lynch Syndrome in Women with Endometrial and Non-Serous Ovarian Cancer. Canadian Cancer Society Research Institute (CCSRI) Prevention Grant. \$592,718 CAD. 2015–2019.

Ferguson S (PI), Classen C (PI), Barbera L, Chivers M, Urowitz S, Wiljer D. An Online Support Group for Sexual Distress Due to Gynaecologic Cancer: A Randomized Study. Canadian Institutes of Health Research (CIHR). \$827,860 CAD. July 2011 – July 2016.

Fortier I, Atkinson S, **Bocking**A, Junker A, Ferretti V, Fraser
W, Doiron D. Research
Advancement through Cohort
Cataloging and Harmonization
(ReACH). CIHR. \$1,300,000
CAD. 2016–2021.

Fowler R (PI), Aoyama K, Hladunewich M, Lapinsky S, Ray J, Scales D, Shah P, Seward G, Shah P. Regional and Temporal Variations in Incidence, Prevalence, and Outcomes of Critical Illness among Pregnant and Postpartum Women and Newborns in Canada. CIHR, Canadian Institute for Health Research. \$41,325 CAD. July 2015 – June 2016.

Frazier L (Co-PI), Covens A (Co-PI). A Phase 3 Study of Active Surveillance for Low Risk and a Randomized Trial of Carboplatin vs. Cisplatin for Standard Risk Pediatric and Adult Patients with Germ Cell Tumours. NCI (CTEP).

\$3,400,000 USD. 2017-2023.

Ganea P (PI), **Kingdom JC**, Shah P. Placental Health Predictors of Cognitive Outcomes in Early Childhood. J. P. Bickell Foundation. \$65,000 CAD. July 2015 – June 2017.

Ganea P (PI), Kingdom
JC, Shah P, Lee K, Jenkins
J, Doesburg S, Miller S,
Chau V, Akbari E. Placental
Health Predictors of Brain
Development and Cognitive
Outcomes in Early Childhood.
Fraser Mustard Institute
for Human Development
and OISE. \$10,000 CAD.
July 2015 – June 2017.

Gien LT (PI), Barbera L,
Kupets R. Merit Award
for The GHROW Program
— Gynecologic Oncology
Health Services Research for
Women. University of Toronto,
Department of Obstetrics &
Gynecology. \$80,000 CAD.
July 2016 — June 2018.

Greenblatt E, Liu K. Expanding
Urgent Oncofertility Services
for Reproductive-aged Women
at Cancer Centres Remote
from a Tertiary Level ART
Centre by use of Telehealth and
an On-site Nurse Navigator.
AHSC AFP Innovation Fund,
Ministry of Health of Ontario.
\$76,600 CAD. 2015–2017.

Jumah NA. Addressing
Transitions in Care: An
Indigenous-based, Integrated
Care Pathway for Opioid
Dependence in Pregnancy
in Northwestern Ontario.
\$500,000 CAD. January
2017 — December 2020.

Jumah NA (PI), Richardson L, Wanakamik Y, T Armstrong T. Hearing Our Voices: An Indigenous Women's Reproductive Health Curriculum. Northern Ontario Academic Medical Association. \$50,000. April 2015 – June 2018.

Jumah NA (PI). MR-HIFU for Uterine Fibroids Clinical Trial. PSI Foundation Graham Farquharson Knowledge Translation Fellowship. \$450,000 CAD. January 2014 – December 2016.

Keunun J (PI), Macgowan C.
Preliminary Investigation of
the Utility of MRI for Measuring
the Hematocrit in Fetal
Anemia. Physicians Services
Incorporated Foundation.
New Investigator Application.
\$115,221 CAD. September
2016 – August 2018.

Kewayosh A, Rabeneck L, Tinmouth J, Baxter NN, Borkhoff CM, Deber RSB, Dobrow M, Gesink D, Jackson SF, Jumah NA, Llovet DN, Lofter AK, Marrett LD, Mackinnon ML, Paszat LF. Improving cancer screening among First Nations and Métis. CIHR Partnerships for Health System Improvement, Grant. \$562,491 CAD. July 2013 – June 2018.

Khan S, Bitnun A, Kennedy VL, Loufty M, Read S, Underhill A, Yudin M. Developing Community Driven Consensus for Infant Feeding in HIV in Canada. Canadian Institutes of Health Research, Planning and Dissemination Grant. \$20,000 CAD. 2016. Kimmins S, Lambrot R, Weiler H, Librach CL, Moskovtsev SI, Dodds L, Bale T, Fishman J, Bailey J, Trasler J, MacFarlane A, Didier R, Jainguo X, DeJager T, Aneck-Hahn N, Bornman R, MacIntyre U, Peters A, Benard D. CIHR Team Grant: Developmental Origins of Health and Disease - Implications for Men, Women, Boys and Girls. Canadian Institutes of Health Research (CIHR). \$ 1,600,000.00 CAD. June 2016 – June 2021.

Kimmins S, Lambrot R,
Weiler H, Dott L, **Librach CL**, **Moskovtsev SI**. Obesity
and Nutritional Programming
of the Paternal Sperm
Epigenome: Effects on
Offspring Development and
Health. Canadian Institutes
of Health Research (CIHR)
Operating Grant. \$1,077,100
CAD. August 2015 — July 2020.

Kimmins S (PI), Dodds L, Fishman JR, Lambrot R, Librach CL, Moskovtsev SI, Weiler HA, Xia J. Obesity and Nutritional Programming of the Paternal Sperm Epigenome: Effects on Offspring Development and Health. Canadian Institutes of Health Research (CIHR). Nutrition, Metabolism and Diabetes (Bridge Funding), \$1,047,500 CAD. October 2015 — September 2020.

Kimmins S (PI), Librach CL, Moskovtsev SI, Weiler H, Dodds L, Bale T, Fishman J, Bailey J, Trasler J, MacFarlane A, Didier R, Lambrot D, Jainguo X, DeJager T, Aneck-Hahn N, Bornman R, MacIntyre U, Peters A, Benard D. Generation of Sex-specific Effects of Paternal Environmental Exposures on Offspring Development Health. Canadian Institute of Health Research (CIHR), Grant. \$1,500,000 CAD. July 2016 — June 2021.

Bernardini MQ, Clarke B. A Novel Biomarker Discovery Strategy Combining Primary Tumour Xenograft Models and Glyco-Capture of Secreted Proteins. Canadian Institutes of Health Research (CIHR). \$480,264 CAD. April 2014 – March 2017.

Kislinger T (PI), Ailes L,

Kingdom JC (PI). Elucidating Herparin's Role in Reducing the Incidence and Effects of Preeclampsia & Offering a Pathway to a Better Heparin Product Used Specifically for Preeclamptic Women. The Alva Foundation. Research Fund. \$200,000 CAD. August 2015 – August 2018.

Kingdom JC (PI), Cox B.

Villious Trophoblast Turnover. Canadian Institutes of Health Research (CIHR). Operating Grant. \$719,235 CAD. March 2014 – February 2019.

Kingdom JC (PI), Cox B.

Placental Response to Heparin: Implications for the Prevention of Preeclampsia. Canadian Institutes of Health Research (CIHR). Operating Grant. \$521,660 CAD. October 2012 — September 2016.

Kupets R, Gien LT, Vicus D, Murphy KJ. Impact of the Pap: History on Cervical Cancer in Women Aged 60 and Over. Cancer Care Ontario. \$35,000 CAD. December 2016.

Laflamme M (PI), Nagy A,
Keller G, Cheng HL. Improving
the Function, Integration and
Safety of Stem Cell-derived
Cardiomyocyte Transplantation.
Canada First Research
Excellence Fund, Medicine
by Design, University of
Toronto. \$25,000. September
2016 — September 2019.

Li M (PI), MacKay H, Ferguson S, Haibe-Kains B, Rodin G, Paige C. Cytokines and Symptom Clusters in Ovarian Cancer: A Machine Learning Approach to Identifying Intervention Targets.
Ontario Cancer Institute.
Collaborative Personalized Cancer Medicine Team Grant.
\$299,758 CAD. 2015–2017.

Lee SK (PI). MiCare's Clinician-Scientists Training Program. Ontario Ministry of Health & Long-Term Care. \$1,300,000. 2016–2017.

Lee SK (PI), Shah P (Co-PI), Jain (Co-PI). Toronto Perinatal Brain Protection Research Collaboration. Canadian Foundation for Innovation. \$2,343,263. 2017–2021.

Lipscombe LL (PI), Berger H, Feig D, Fleming K, Grant S, Harvey P, Mukerji G, Price J, Retnakaran R, Sherifali D, Thorpe K. Avoiding Diabetes after Pregnancy Trial in Moms (ADAPT-M). Canadian Institutes of Health Research (CIHR). \$791,776 CAD. April 2017 — March 2021.

Lo KC. Librach CL.

Moskovtsev SI, Gauthier-Fisher A. Academic Health Changing the Paradigm for Male Fertility Treatment: Standardized Automated Platform for Sperm Retrieval. Academic Health Science Centre's Academic Funding Plan (AHSC AFP) Innovation Fund. \$333,436 CAD. March 2015 — February 2017.

Loutfy M (PI), Yudin M, et al. Impactful Research with Diverse Women Living with and at Risk of HIV in Canada. Canadian Institutes of Health Research, Foundation Grant. \$3,780.858 CAD. 2017–2024.

Lye S (PO), Adams Waldorf K, Bocking A, Connor K, DeSantis T, **Dong X**, Dunk C, Gingras A, Gravett M, Hood L, Keating S, Kibschull M, Kingdom JC, Mesiano S, Nadeem L, Price N, Sadovsky Y, Scherer S, Shynlova O, Zhang J. Pregnancy Complications and Development Health: Mechanisms, Diagnostics, and Therapeutics. Canadian Institutes of Health Research (CIHR). Foundation Scheme - Live Pilot. \$5,575,713 CAD. September 2014 - August 2021.

Lye S, Shynlova O, Bocking A. Prevention of Preterm Birth: Targeting Inflammatory Pathways. March of Dimes.

\$300,000 USD. 2014-2017.

Lye S (PI), Shynlova O, et al. Pregnancy Complication and Developmental Health: Mechanisms, Diagnostics and Therapeutics. Canadian Institutes of Health Research (CIHR) Foundation Grant. Operating grant. \$5,575,713 CAD. July 2015 – June 2022.

Lye S (PI), Shynlova O,
Adams K, Gravett M. Targeting
Leukocyte Activation to
Prevent Preterm Labour.
Burroughs Wellcome Fund
Preterm Birth Initiative.

Operating grant. \$600,000

USD. July 2014 - June 2018.

Lye S (PI), Shynlova O, Mesiano S, Nadeem L. Selective Progesterone Receptor Modulators: Novel Therapeutics for Preterm Birth Prevention. March of Dimes Birth Defects Foundation, Operating grant. \$225,000 USD. May 2017 — April 2020.

Macgowan C (PI), Kingdom
JC, Seed M, Sled J. Dynamic
3D MRI of the Fetus: A New
Method for Detecting Abnormal
Blood Flow and Oxygenation
During Pregnancy. Canadian
Institutes of Health Research
(CIHR). Program Grant.
363519. \$542,795 CAD. March
2016 — February 2021.

Maheu C (PI), Lebel S (PI),
Courbasson C, Singh M,
Catton P, Bernstein L, Benea A,
Jolicoeur L, Lefebvre M, Harris
C, Agnihotram R, Sidanie S,
Ferguson S, Muraca L. Efficacy
of a Cognitive-existential
Intervention to Address Fear
of Recurrence in Women
with Cancer: A Randomized
Controlled Clinical Trial.
Canadian Cancer Society
Research Institute (CCSRI).
\$300,000 CAD. February
2014 – February 2017.

May T (PI), Lee A, Brown T.

Impact of Wound Healing on Ovarian Cancer Progression and Sensitivity to Platinumbased Agents: A Pilot Study Using a Syngeneic Orthotopic Mouse Model. Mount Sinai Hospital/University Health Network Department of Obstetrics and Gynecology Research Fund Grant. \$10,000. July 2016 — June 2017.

McDonald S (PI), Giglia L, Thaban L, Maxwell C. A Clinical Care Pathway for Obese Pregnant Women: A Pilot Cluster Randomized Control Trial in Obstetrics Midwifery and Family Medicine Clinics. Hamilton Academic Health Sciences Organization. \$188,631 CAD. April 2015 – March 2017.

McLaurin J (PI), Stefanovic B, **Librach CL**. Combination Therapy for Vascular Regeneration in a Model of Sporadic AD. The Weston Brain Institute, Grant. \$15,000 CAD. December 2015 – July 2017.

Miller S (PI), Seed M, Blaser S, Brant R, Chau V, Hickey E, Kingdom JC, Ly L, Macgowan C, Schwartz S, Sled J. Cardiovascular Physiology and Brain Development in Newborns with Congenital Heart Disease. Canadian Institute of Health Research (CIHR). Operating Grant, 341324. \$1,008,289 CAD. March 2015 — February 2021.

Mitchell J (PI), Shynlova O, Wilson M. Discovering the Transcription Regulatory Networks that Control Uterine Contractions. Canadian Institutes of Health Research (CIHR). Operating grant. \$388,000 CAD. March 2017 – April 2021.

Morshead C (PI), Nagy A, Shoichet M, Lipsman N. Cell Transplantation for Stroke Repair. Canada First Research Excellence Fund, Medicine by Design, University of Toronto. \$54,000 CAD. September 2016 — September 2019.

Murji A (Co-PI), Shirreff L (Co-PI), Brown A. Greater Toronto Area Surgical Gynaecology Quality Scorecard. Mount Sinai Hospital, University Health Network Academic Medical Organization. \$177,867 CAD. April 2017 — March 2019.

Murji A (PI), Kives S, Leyland N, Singh S, Laberge P, Jackson R, Vilos G, Polsky J, Fortin C, Bedaiwy, Sanders B, Belland L, Uretsky A, Theil J. Multicentre Prospective Noninterventional Study Assessing the Management of Canadian Women with Uterine Fibroids, A Patient Registry. Allergan Inc. \$30,000 CAD. 2015–2018.

Murphy KE (PI), Raboud J, Serghides L, Silverman M, Yudin M, Loufty M, Walmsley S, Papp E. The ProSPAR Study: Progesterone Supplementation for HIV Positive Pregnant Women on Antiretrovirals. Canadian Foundation for AIDS Research. \$80,000 CAD. July 2014 – June 2017.

Murray-Davis B (Co-PI), Melamed N (Co-PI), Berger H, Barrett J, Geary M, Ray J, McDonald S. Noncommunicable Diseases in Obstetrics: Improving Quality of Care and Maternal Infant Outcomes through an Obstetrical Research Network. Canadian Institutes of Health Research (CIHR). \$1,500,000 CAD. April 2016 — March 2021.

Nagy A (PI), Rogers I (Co-PI). Improving the Safety, Efficacy, and Economics of Future Stem Cell Therapies. Ministry of Research Innovation, Ontario Research Fund. \$4,000,000 CAN. October 2016 — September 2021.

Nagy A (PI), Keating A, Kapoor M. Combining Gene and Mesenchymal Stromal Cell Therapies: Steps Toward Curing Arthritis. Stem Cell Network Disease Team Grant. \$394,623. December 2016 — December 2017.

Nagy A (PI), Waddell T, Post M. Introducing Fail-safe Pluripotent Cells into Clinically Relevant Cell Therapy Applications. Canada First Research Excellence Fund, Medicine by Design, University of Toronto. \$539,475 CAD. September 2016 — September 2019.

Nagy A (PI). Somatic Cell Reprogramming and Therapeutics. Canadian Institute of Health Research, Foundation Scheme Grant. \$2,616,629 CAD. July 2015 – June 2021.

Nagy A (PI), Hacibekiroglu S. Combined Cell and Gene Therapy Towards the Treatment of Age-Related Macular Degeneration. The Foundation Fighting Blindness (FFB). \$225,000. July 2015 — July 2018.

Nagy A (PI), Tremblay J, Ellis J. Directing Cellular Identity to Move Towards Progenitor Cell Therapies. Canada-Japan, Canadian Epigenetics, Environment and Health Research Consortium (CEEHRC) Teams in Epigenetics of Stem Cells. \$862,933. April 2013 — March 2018.

Nagy A (PI). Stem Cells and Regeneration Tier 1. Government of Canada, Canada Research Chairs Program (CRCP). \$1,400,000. October 2014 — September 2021.

Nagy A (PI), Harding J. Local ON/OFF Control of Tolerance Toward Allograft Cell Transplants. Ontario Institute of Medicine — Medicine by Design, Postdoctoral Fellowship Award. \$172,275 CAD. April 2016 — March 2019.

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Plante M (PI), Ferguson S, Kwon J, Brotto L, Fyles T, Meyer R, Craighead P, Gavin S, Arseneau J, Atri M. Cx.5 Shape: The SHAPE Trial: Simple Hysterectomy and Pelvic Node Dissection in Early Cervix Cancer. Canadian Institutes of Health Research (CIHR). \$2.200.000 CAD. 2012–2020.

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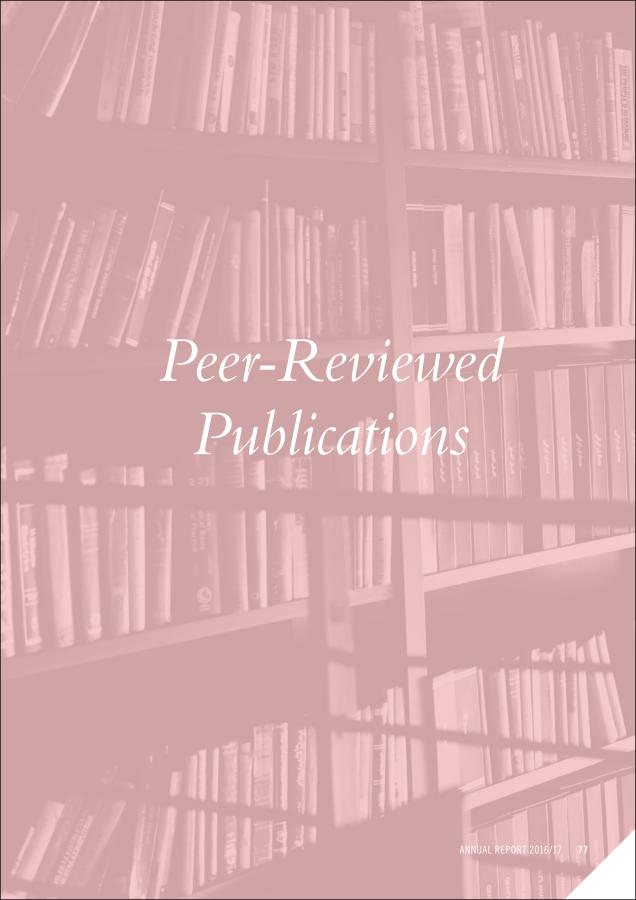
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Invited Lectures & Visiting Professorships

INTERNATIONAL LECTURES

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Allen L. Ovarian Torsion. American Academy of Pediatrics, Surgical Section Symposium. San Francisco, CA, USA, October 2016.

Allen L. Menstrual and Contraceptive Issues among Young Women with Developmental Delay. 3rd International PAG/ COMEGO - 1st Regional Meeting NASPAG. Mexico City, Mexico, September 2016.

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Bernardini MQ. Optimizing Initial Clearance of Advanced Ovarian Cancer. International Society of Gynecologic Oncology Shingo, Fujii Young Doctors Summit. Lisbon, Portugal, October 2016.

Caniggia I. Oxygen Sensing: Novel Epigenetic Mechanisms. Latin American Society for Maternal Fetal Interaction and Placenta and Sociedad Chilena de Ciencias Fisiológicas joint meeting. Puerto Varas, Chile, April 2017.

Casper R. Clinical Application of Autologous Mitochondrial Injections. European Society of Human Reproduction and Embryology, Annual Meeting. Helsinki, Finland, July 2016.

Casper R. Mitochondria as a Source of Energy in Cumuli, Oocytes, and Embryos and the Effects of Aging. University of California San Diego, Review Course in IVF. San Diego, CA, USA, July 2016.

Casper R. Hormone
Replacement Cycles for Oocyte
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Casper R. Cigarettes, Red Wine and Reproduction. Fertility Society of Australia Meeting. Perth, Australia, September 2016.

Casper R. Ovarian Rejuvenation: Is it Possible? Fertility Society of Australia Meeting. Perth, Australia, September 2016.

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Casper R. Is There
Scientific Evidence for
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Casper R. Discussion of my Career in REI. Roskilde, Denmark, May 2017.

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Covens A. Early Stage Cervical Cancer: Lessons Learned from the Past, for the Future. Department of Obstetrics & Gynaecology, Beaumont Hospital. Troy, MI, USA, September 2016.

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Farine D. Fetal Movement Count – The Neglected Antenatal Test. 1st World Congress of Maternal Fetal Neonatal Medicine from Periconception to Early Infancy. London, United Kingdom, April 2017.

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Farine D. Sex and Pregnancy. 1st World Congress of Maternal Fetal Neonatal Medicine from Periconception to Early Infancy. London, United Kingdom, April 2017.

Farine D. Corticosteroids for Late Prematurity (34–37 weeks) — Do the New ACOG and SMFM Guidelines Make Sense? Grand Rounds, Lenox Hill Hospital. New York City, NY, USA, May 2017.

Farine D. Fetal Well-Being Monitoring from Counting Fetal Movements to Doppler Measurements. Advances in Perinatology and Gynecology — Ian Donald International School of Ultrasound in Obstetrics and Gynecology. Warsaw, Poland, May 2017.

Farine D. The Use and Misuse of Guidelines. Advances in Perinatology and Gynecology — Ian Donald International School of Ultrasound in Obstetrics and Gynecology. Warsaw, Poland, May 2017.

Farine D. Corticosteroids for Late Prematurity (24–37 weeks) — Do the New ACOG and SMFM Make Sense? First East-European Summit of Obstetrics and Gynecologists. Moscow, Russia, May 2017.

Farine D. PPH - The New FIGO Guidelines. First East-European Summit of Obstetrics and Gynecologists. Moscow, Russia, May 2017.

Farine D. How to Deliver the Extremely Obese Patient. First

East-European Summit of Obstetrics and Gynecologists. Moscow, Russia, May 2017.

Farine D. Fetal Movement
Assessment — One of the
Rarely Used Diagnostic Tests.
First East European Summit of
Obstetrics and Gynecologists.
Moscow, Russia, May 2017.

Ferguson S, Gien L, Giede

C, Samouëlian V, Steed H,
Renkosinski B, Abitbol J,
Warkus T, Le T, Martin V,
Bernardini MQ. GOC2: A
Multi-centre Prospective Trial
Comparing Open, Laparoscopic
and Robotic Surgical Outcomes
in Women with Endometrial
Cancer: Part A: Peri-operative
Outcomes. Society of
Gynecologic Oncology, 48th
Annual Meeting on Women's
Cancers. National Harbor,
Maryland, USA, March 2017.

Hare C, Torbitt L, Ferguson S, Hart T. The Role of Illness Perceptions in Cancer-related Fatigue Outcomes in Ovarian Cancer Patients. 38th Annual Meeting of the Society of Behavioral Medicine. San Diego, CA, USA, March 2017.

Kanjanapan Y, Lheureux S,
May T, Wilson M, Bernardini
MQ, Shaw P, Vergote I, Brenton
J, Provencher D, McNeish
I, Ghatage P, Ledermann
J, Colombo N, Gourley C,
Weberpals J, Ramsahai J,
Ricker N, Accardi S, Wang.
Oza APhase II Open-Label
Randomized Multi-Centre Study
of Neoadjuvant Olaparib in
Patients (pts) with Platinum
Sensitive (PS) Relapsed High
Grade Serous Ovarian Cancer

(OC): The NEO trial. ASCO, Chicago, IL, USA, June 2017.

Kingdom JC. Preventing Preeclampsia: Beyond Aspirin. 9th Philadelphia Prenatal Diagnosis Conference. Philadelphia, PA, USA, June 2017.

Kingdom JC. PGIF: Beyond Down Syndrome. 9th Philadelphia Prenatal Diagnosis Conference, Philadelphia, PA, USA, June 2017.

Kingdom JC. Management of Invasive Placenta. 9th Philadelphia Prenatal Diagnosis Conference, Philadelphia, PA, USA, June 2017.

Kingdom JC. The Placenta and IUGR. 9th Philadelphia Prenatal Diagnosis Conference, Philadelphia, PA, USA, June 2017.

Kingdom JC. Screening, Diagnosis and Management of Placental Dysfunction. Department of Obstetrics & Gynaecology, University of Colorado, Clinical Grand Rounds. Denver, CO, USA, February 2017.

Kingdom JC. Can Heparin Prevent Severe Pre-eclampsia? Reproductive Sciences Seminar, University of Colorado, Denver, CO, USA, February 2017.

Kingdom JC. Can LMWH
Heparin Prevent or Significantly
Reduce the Severity of
Preeclampsia-IUGR? Maternal
Hemodynamics Conference.
Milan, Italy, January 2017.

Lee SK. Improving Qualiity in the NICU. REASON

Conference. Coventry, United Kingdom, July 2016.

Lee SK. Family as Caregivers in the NICU. REASON Conference. Coventry, United Kingdom, July 2016.

Lee SK. Family Integrated Care. Perinatal Rounds, Birmingham Women's Hospital. Birmingham, United Kingdom, July 2016.

Lee SK. Family Integrated Care. Perinatal Rounds, Leeds Infirmary. Leeds, United Kingdom, July 2016.

Lee SK. Family as Caregivers in the NICU. Qilu Forum of Children's Medical Development. Jinan, PRC, July 2016.

Lee SK. Family Integrated Care. Neonatal Transition Summit. Shenzhen, PRC, October 2016.

Lee SK. Reflections on Early Childhood Development Forum. Canadian Institute for Advanced Research Forum on Early Childhood Development. London, United Kingdom, November 2016.

Lee SK. Evidence, Research and the Canadian Healthcare System. Ireland Health Research Board Conference. Dublin, Ireland, November 2016.

Lee SK. Family integrated care in the NICU. Hot Topics. Washington, DC, USA, December 2016.

Lee SK. Canada's investment in Preterm Birth Research. GCAPR. Washington, DC, USA. March 2017.

Lee SK. Data harmonization

for preterm birth research. GCAPR. Washington, DC, USA, March 2017.

Lee SK. Family Integrated Care in the NICU. Disability Conference. Seattle, WA, USA May 2017

Li T, Danesh A, Van de Laar E, Clarke B, Tone A, Gallinger S, Ferguson S, Pugh T. An Integrative Panel to Accurately Detect Lynch Syndrome and Somatic Mismatch Repair Deficiency. Annual Clinical Genetics Meeting. Phoenix, AZ, USA, March 2017.

Librach CL. PGS Testing and Embryo Selection. Families through Surrogacy. London, England, March 2017.

Librach CL. PGS Testing and Embryo Selection. Families through Surrogacy. Dublin, Ireland, March 2017.

Librach CL. Understanding IVF, Embryo Testing and Transfer Decisions. Families through Surrogacy. London, England, March 2017.

Librach CL. Understanding IVF, Embryo Testing and Transfer Decisions. Families through Surrogacy. Dublin, Ireland, March 2017.

Librach CL. Methods and Tools to Assess Embryo Quality in the IVF Clinic. The Annual International Exchange Course in Developmental and Perinatal Biology: A Joint Course between the University of Toronto and the Karolinska Institute. Stockholm, Sweden, August 2016. Librach CL. Extracellular
Vesicles Small RNA in
Human Reproductive Fluids:
Regulators of Fertility? The
Annual International Exchange
Course in Developmental
and Perinatal Biology: A
Joint Course between the
University of Toronto and the
Karolinska Institute. Stockholm,
Sweden, August 2016.

Librach CL. The umbilical cord MSCs for fertility preservation and regenerative therapy. Society for the Study of Reproduction. San Diego, CA, USA, July 2016.

Luketic L, Shirreff L, Kives S, Solnik J, Leyland N, Liu G, El Sugy R, Murji A. Does Ulipristal Acetate Objectively Affect Surgical experience at laparoscopy myomectomy. 45th American Association of Gynecologic Laparoscopists, Global Congress on Minimally Invasive Surgery. Orlando, FL, USA, November 2016.

May T, Bernardini MQ. Clinical Behaviour of Low Grade Serous Ovarian Carcinoma — An Analysis of 714 Patients from the Ovarian Cancer Association Consortium. Society of Gynecologic Oncology, 48th Annual Meeting on Women's Cancers. National Harbor, MD, USA. March 2017.

Melamed N. Timing of Delivery in Women with Gestational Diabetes. 9th International Symposium on Diabetes, Hypertension, Metabolic Syndrome and Pregnancy. Barcelona, Spain, March 2017.

Moskovtsev SI. American

Society of Andrology, Annual Trainee-Directed Mini-Symposium, invited panel speaker, Miami, FL, USA, April 23, 2017

Murji A. Fibroids and Uterine Bleeding: Unlocking the Issues. 3rd Congress of the Society of Endometriosis and Uterine Disorders. Singapore, April 2017.

Nagy A. Stem Cells "R" Us. Jackson Lab Board of Scientific Counselors Seminar. Bar Harbor, Maine, USA, August 2016.

Nagy A. Addressing Cell Therapy Safety with Genome Editing. Development, Aging, Regeneration and Metabolism, Spetses Summer School. Spetses, Greece, August 2016.

Nagy A. Pluripotency in the Artificial Cell Space. Development, Aging, Regeneration and Metabolism, Sptses Summer School. Sptses, Greece, August 2016.

Nagy A. Stem Cells, Pluripotency and Reprogramming. Frontiers in Stem Cells and Regeneration Advanced Training Course, Marine Biological Laboratory (MBL). Woods Hole, MA, USA, September 2016.

Nagy A. Stem Cells: Road to the Clinic (in Hungarian) Ossejtek: út a klinikára. Hungarian Academy of Science, Hungarian Society Meeting. Budapest, Hungary, September 2016.

Nagy A. Multiple Ways of Using Pluripotency for the Treatment of Diabetes. 3rd Banting and Best Diabetes Centre Meeting. Boston, MA, USA, November 2016.

Nagy A. Combining Gene and Cell Therapies to Treat Degenerative Diseases: Overcoming the Obstacles. The Eye Center of The Second Affiliated Hospital of Zhejiang University. Zhejiang, Wenzhou, China. November 2016.

Nagy A. Pluripotency in the Artifical Cell Space: Broadening the Therapeutic Potential of Stem Cells. Center of Stem Cell and Regenerative Medicine. Zhejiang University. Zhejiang, China, November 2016.

Nagy A. Toward Developing a Partnership Network in Regenerative Medicine. BioMelbourne Network Breakfast. Melbourne, Australia, December 2016.

Nagy A. The Successful
Model of the Centre for
Commercialization of
Regenerative Medicine:
Fostering a Global Ecosystem to
Accelerate the Development of
Stem Cell Therapies. Consulate
General of Canada. Sydney,
Australia, December 2016.

Nagy A. A Fail-safe Solution for Cell-based Therapies. The Croucher Foundation Advanced Study Institute on Stem Cells: Biology and Applications, Hong Kong University. Hong Kong, January 2017.

Nagy A. Addressing Cell Therapy Safety with Genome Editing. Council of Biomedical Graduate Students, University of Toledo College of Medicine and Life Sciences. Toledo, OH, USA, March 2017.

Nagy A. Designer Cells: "Fail-safe" Cells for Therapies. Hungarian Molecular Life Sciences 2017. Eger, Hungary, March 2017.

Nulman I, Barrera M,
Maxwell C, Nguyen G. The
Child Neurodevelopment
Following In-Utero Exposure
to Pharmacotherapy for
Inflammatory Bowel Disease.
30th Annual Education
Meeting for Organization
of Teratology Information
Specialists Members and
Mother to Baby Affiliates.
Denver, USA, June 2017.

Pairaudeau N. Cultural
Differences in Implementing
Doctor Patient Relationships.
Society of Laparoendoscopic
Surgeons Conference. Boston,
MA, USA, August 2016.

Pairaudeau N. Difficult C Sections. Norman Bethune China Medical Tour. Lianyungang Hemijia O & G Hospital. Jiangsu, China, May 2017.

Pairaudeau N. MIS Complications. Norman Bethune China Medical Tour. Lianyungang Hemijia O & G Hospital. Jiangsu, China, May 2017.

Pairaudeau N. Norman Bethune Eulogy. Norman Bethune China Medical Tour. Lianyungang Hemijia O & G Hospital. Jiangsu, China, May 2017. Pairaudeau N. Difficult C Sections. Norman Bethune China Medical Tour. Zhangzhou City Hospital, Fujian, China, May 2017.

Pairaudeau N. MIS Complications. Norman Bethune China Medical Tour. Zhangzhou City Hospital, Fujian, China, May 2017.

Pairaudeau N. Norman Bethune Eulogy. Norman Bethune China Medical Tour. Zhangzhou City Hospital, Fujian, China, May 2017.

Rogers I. Umbilical Cord Blood and Tissue Stem Cells for Cell Therapy. Knox Private Hospital and Mitcham Private Hospital. Melbourne, Australia, May 2017.

Rogers I. Umbilical Cord Blood and Tissue Stem Cells for Cell Therapy. The Wesley Hospital, Northwest Private Hospital, Sunnybank Private Hospital, Pindara Private Hospital, The Mater Mothers Private Hospital. Brisbane, Australia, May 2017.

Rogers I. Mesenchymal Stem Cells from UCT to treat Diabetic Wounds. Cell Care. Melbourne, Australia, May 2017.

Rogers I. Umbilical Cord Blood and Tissue Stem Cells for Cell Therapy. Joondalup Private Hospital. Perth, Australia, May 2017.

Rogers I. New Advances in Umbilical Cord Blood Therapies. Ashford Private Hospital, Adelaide, Australia, May 2017.

Rogers I. New Advances in Umbilical Cord Blood Therapies. North Shore Private Hospital, Mater

Hospital, Prince of Wales Private Hospital, Royal Hospital for Women. Sydney, Australia, May 2017.

Shynlova O. Maternal Peripheral Blood Leukocytes as Biomarkers of Preterm Birth. 64th Annual Meeting of the Society for Reproductive Investigation. Orlando, FL, USA, March 2017.

Solnik J. Masses for the Masses. Medstar, Grand Rounds, George Washington University. Washington, DC, USA, March 2017.

Ternamian A. Safe Laparoscopic Peritoneal Entry. University of Alexandria, Hands on Suturing and Hysteroscopy Course. Alexandria, Egypt, May 2017.

Ternamian A. Fundamentals of Total Laparoscopic Hysterectomy. University of Alexandria, Hands on Suturing and Hysteroscopy Course. Alexandria, Egypt, May 2017.

Ternamian A. Risk Management in Operative Hysteroscopy. University of Alexandria, Hands on Suturing and Hysteroscopy Course. Alexandria, Egypt, May 2017.

Ternamian A. Urinary Complications in Operative Endoscopy. University of Alexandria, Hands on Suturing and Hysteroscopy Course. Alexandria, Egypt, May 2017.

Ternamian A. Hands on Suturing and Hysteroscopy Course. University of Kiel, Department of Obstetrics & Gynaecology, Gynecological Endoscopic and Reproductive Medicine Course. Kiel, Germany, May 2017.

Ternamian A. Peritoneal Entry and Patient Safety; the Canadian SOGC Clinical Practice Guideline. University of Kiel, Department of Obstetrics & Gynaecology, Gynecological Endoscopic and Reproductive Medicine Course. Kiel, Germany, May 2017.

Ternamian A. Risk
Management in Endoscopic
Surgery. University of Kiel,
Department of Obstetrics &
Gynaecology, Gynecological
Endoscopic and Reproductive
Medicine Course. Kiel,
Germany, May 2017.

Ternamian A. Total Laparoscopic Hysterectomy; Global Perspective. University of Kiel, Department of Obstetrics & Gynaecology, Gynecological Endoscopic and Reproductive Medicine Course. Kiel, Germany, May 2017.

Ternamian A. Informed
Consent in Gynecological
Endoscopy. Endo Dubai
Regional Conference of
the Middle East Society of
Gynecological Endoscopy.
Dubai, United Arab
Emirates, March 2017.

Ternamian A. How to Review a Scientific Paper. Endo Dubai Regional Conference of the Middle East Society of Gynecological Endoscopy. Dubai, United Arab Emirates, March 2017. Ternamian A. How to Write an Abstract for Publication. Endo Dubai Regional Conference of the Middle East Society of Gynecological Endoscopy. Dubai, United Arab Emirates, March 2017.

Van Mieghem T. Maternal Complications of Fetal Surgery. 20th International Conference on Prenatal Diagnosis and Therapy. Berlin, Germany, July 2016.

Wais M, Kives S, Lee S, Liu G, Pham A, Murji A. Surgical Experience with Ulipristal Acetate or Gonadotrophin Releasing Agonists for Uterine Fibroids. 45th American Association of Gynecologic Laparoscopists, Global Congress on Minimally Invasive Surgery. Orlando, FL, USA, November 2016.

Yudin M. Perspectives on the Care of the HIV-positive Pregnant Woman. HIVE San Francisco. University of California at San Francisco. San Francisco, CA, USA, October 2017.

Yudin M. HIV, Fatherhood, and Fertility/Universities without Walls and the Ontario HIV Treatment Network. June 2017.

Yudin M. Zika Virus and the Placenta: Implications for Pregnancy Care Provider. Israeli Society of Maternal Fetal Medicine and Israel Society for Placenta Research. Tel Hashomer Hospital, Sheba Medical Center. Ramat Gan, Israel, June 2017.

Yudin M. Trauma-informed

Reproductive Care for People Living with HIV and Those at Risk. HIVE and UCSF Grand Rounds. UCSF at Zuckerberg San Francisco General Hospital and Trauma Center. San Francisco, CA, USA, May 2017.

Yudin M. Zika A to Z: For the Parent and the Parent to Be. The North American Society for Pediatric and Adolescent Gynecology, 31st Annual Clinical and Research Meeting. Chicago, IL, USA, April 2017.

Yudin M. Bacterial Vaginosis and Pregnancy: Risks and Complications. International Advisory Board Meeting on Impact of and New Therapies for Bacterial Vaginosis. San Francisco, CA, USA, January 2017.

NATIONAL LECTURES

Alayed N, Okun N, Chong K, Noor A, Chitayat D, Kolomietz E. Chromosomal Microarray as a First Tier Test Following Diagnostic Prenatal Procedures, The Toronto Mount Sinai Hospital Experience. Canadian National Perinatal Research Meeting. Banff, AB, Canada, February 2016.

Berger H. New SOGC Guidelines on Diabetes in Pregnancy – The Unanswered Questions. West Central CME SOGC. Banff, AB, Canada, March 2017.

Berger H. NIPT: What's New. West Central CME 2017 SOGC. Banff, AB, Canada, March 2017.

Chitayat D. Fetal Akinesia. Fetoscopy. Vancouver, BC, Canada, September 2016.

Ferguson S. Update on Universal Screening for Lynch Syndrome in Newly Diagnosed Ovarian Cancer in Ontario. Hereditary Gl Cancer Symposium. Toronto, ON, Canada, May 2017.

Jacob G , Vilos A, Vilos G, Abu-Rafea B, **Ternamian A**. Laparoscopic Bowel Injuries: Lessons from 23 Litigated Gynecologic Cases in Canada. 2nd Annual Conference of the Canadian Society for the Advancement of Gynecologic Excellence. Montreal, QC, Canada, September 2017.

Jumah NA. Indigenous Women's Health Research in Northwestern Ontario. Parliamentary Health Research Caucus. Ottawa, ON, Canada, June 2017. Kingdom JC. Can Heparin Prevent Severe Preeclampsia? 4th Annual Canadian National Perinatal Research Meeting. Montebello, QC, Canada, February 2017.

Kingdom JC. The Surgical Approach to the Invasive Placenta: Planning for Better Outcomes. The Society of Obstetricians and Gynaecologists of Canada, 73rd Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

Ladhani N. Management of Pregnancy Subsequent to Stillbirth. The Society of Obstetricians and Gynaecologists of Canada, 73rd Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

Laframboise S. Diagnosis and Work-up of Suspicious Ovarian Neoplasms. 1st Annual MyGoals Meeting — Multidisciplinary Gynecologic Oncology Annual Lecture Series. Toronto, ON, Canada, May 2017.

Laframboise S. Management of Newly Diagnosed Ovarian Cancer. 1st Annual MyGoals Meeting — Multidisciplinary Gynecologic Oncology Annual Lecture Series. Toronto, ON, Canada, March 2017.

Lee SK. Parents as Caregivers in the NICU. CME Activity at University of Calgary, Calgary, AB, Canada, March 2017.

Lee SK. Family Integrated Care in the NICU. Calgary Update. Calgary, AB, Canada, March 2017. Librach CL. Should Genetic Carrier Testing be Offered to all Couples Getting Fertility Care? Canadian Fertility and Andrology Society Meeting. Toronto, ON, Canada, September 2016.

Librach CL. Stem Cell Banking. Toronto East General Hospital — Interhospital Rounds. Toronto, ON, Canada, January 2017.

Liu K, Cohen S. Reproductive Tourism: Egg Donation and Surrogacy. Society of Obstetricians and Gynecologists of Canada Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

Liu K, Barankin B. Debunking the Facts and Myths Surrounding Hormonal Acne Therapy. Dermatology Update. Montreal, QC, Canada, November 2016.

Luketic L, Shirreff L, Kives S, Solnik J, Leyland N, Liu G, El Sugy R, Murji A. Does Ulipristal Acetate Objectively Affect Surgical Experience at Laparoscopy Myomectomy. 3rd Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

May T, Lheureux S, Bernardini
MQ, Jiang H, Tone A.
Identification of Survival
Altering Parameters in
Low Grade Serous Ovarian
Carcinoma — An Analysis of
714 Patients from the Ovarian
Cancer Association Consortium.
The Society of Gynecologic
Oncology of Canada 38th
Annual General Meeting.
Ottawa, ON, Canada, June 2017.

May T. If Complete
Cytoreduction to Microscopic
Residual isn't Feasible,
Should Primary Cytoreduction
be Aborted? The Society
of Obstetricians and
Gynaecologists of Canada,
73rd Annual Clinical and
Scientific Conference. Ottawa,
ON, Canada, June 2017.

May T. Robotic Radical
Trachelectomy. From Routine
to Advanced Minimally
Invasive Surgery. HandsOn Surgical Workshop. The
Society of Obstetricians and
Gynaecologists of Canada,
73rd Annual Clinical and
Scientific Conference. Ottawa,
ON, Canada, June 2017.

May T. Complete Surgical Resection and Impact on Survival in Newly Diagnosed Advanced Ovarian Cancer. 1st Annual MyGoals Meeting-Multidisciplinary Gynecologic Oncology Annual Lecture Series. Toronto, ON, Canada, May 2017.

Maxwell C. Multidisciplinary
Approach to Obstetric
Patient with Neurological
Disease: From Assessment to
Management of Complications.
Canadian Anaesthesia Society
Meeting. Niagara Falls,
ON. Canada, June 2017.

Moskovtsev SI. Laboratory Evaluation of Male Fertility. McGill University. Montreal, QC, Canada, March 2017.

Murji A. Fibroids and Fertility — When to Operate and When Not to. The Society of Obstetricians and Gynaecologists of Canada, 73rd Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

Murji A. Fibroids. The Society of Obstetricians and Gynaecologists of Canada, 73rd Annual Clinical and Scientific Conference. Ottawa, ON, Canada, June 2017.

Murji A. Beyond a Simple Cyst — Approach to Ovarian Endometrioma Surgery. 13th World Congress on Endometriosis. Vancouver, BC, Canada, May 2017.

Murji A. MIS Gynecology Principles — Basic Anatomy for Laparoscopy. University of Toronto, Department of Obstetrics & Gynaecology, Annual uOttawa MIS Gynecology Day. Ottawa, ON, Canada, May 2017.

Murji A. MIS Gynecology
Principles — Complications
You Don't Want to Have.
University of Toronto,
Department of Obstetrics &
Gynaecology, Annual uOttawa
Minimally Invasive Surgery
Gynecology Day. Ottawa,
ON, Canada, May 2017.

Murji A. Creating
Collaborations in
Research — Reflections
from the Start of a Career.
University of Saskatchewan,
Department of Obstetrics &
Gynaecology. Saskatchewan,
Canada, March 2017.

Nagy A. A Fail-safe Solution for Cell-based Therapies. Till and McCulloch Annual General Meeting. Whistler, BC, Canada, October 2016.

Rogers I. Banking

Umbilical Cord Blood and Tissue for Regenerative Medicine. Academic Half Day, Foothills Women's Health Centre. Calgary, AB, Canada. November 2016.

Rogers 1. A Primer on Stem Cell Biology: Personalized Medicine and Diabetes. 19th Annual Canadian Diabetes Association Meeting. Ottawa, ON, Canada, October 2016.

Rogers I. Cord Blood Derived Cells for Tissue and Organ Regeneration. Conference: Graft versus Host Disease Symposium/Canadian Blood Services/Hema-Quebec Symposium. Ottawa, ON, Canada, September 2016.

Rogers I. Utilisation des Cellules du Sang et du Tissue de Cordon Ombilical dans le Cadre des Thérapies Évoluées de Cellules Souches. Hôpital de la Cité-de-la-Santé. Laval, QC, Canada, September 2016.

Selk A. LSIL. Society of Obstetrics and Gynaecology, 73rd Annual Clinical and Scientific Meeting. Ottawa, ON, Canada, June 2017.

Selk A. Where to Biopsy. Society of Obstetrics and Gynaecology, 73rd Annual Clinical and Scientific Meeting. Ottawa, ON, Canada, June 2017.

Shynlova O. Recent Advances in Regenerative Medicine in Pelvic Floor Disorders. International Urogynecological Association 42nd Annual Meeting, Basic Science Roundtable. Vancouver, BC, Canada, June 2017. Ternamian A. Medical Management of Uterine Fibroids. Medical Advisory Board Meeting — AbbVie. Montreal, QC, Canada, February 2017.

Thistle PJ. How to Prepare for Short Term Volunteer Work Abroad: The Pearls and Pitfalls. The Society of Rural Physicians of Canada's 25th Annual Rural and Remote Medicine Course. Calgary, AB. Canada, April 2017.

Thistle PJ. Providing Medical Care in Under-resourced Remote Environments. The Society of Rural Physicians of Canada's 25th Annual Rural and Remote Medicine Course. Calgary, AB, Canada, April 2017.

Vilos G, Vilos A, Jacob G, Abu-Rafea B, **Ternamian A**. Safe Intra-peritoneal Placement for Laparoscopic Entry — Video Presentation. 2nd Annual Conference of the Canadian Society for the Advancement of Gynecologic Excellence (CanSAGE2). Montreal, QC, Canada, September 2017.

Yudin M. Update on Zika Virus. Controversies in Obstetrics, Gynecology and Infertility. 24th World Congress. Amsterdam. Netherlands, November 2016.

Yudin M. Vaccination in Pregnancy. 73rd Annual Clinical Meeting, Society of Obstetricians and Gynecologists of Canada. Ottawa, ON, Canada, June 2017.

Yudin M. STI update — Drug Resistant Gonorrhea. 73rd Annual Clinical Meeting, Society of Obstetricians and Gynecologists of Canada. Ottawa, ON, Canada, June 2017.

Yudin M. Zika Virus in Pregnancy. 72nd Annual Clinical Meeting, Society of Obstetricians and Gynecologists of Canada. Vancouver, BC, Canada, June 2016.

LOCAL LECTURES

Allen L. Abnormal Uterine Bleeding Revisited: PALM COEIN and the Adolescent Pediatric and Adolescent Gynecology Review Day. University of Toronto, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, January 2017.

Allen L. Abnormal Uterine Bleeding Revisited: PALM COEIN and the Adolescents. Grand Rounds, Michael Garron Hospital, Department of Pediatrics. Toronto, ON, Canada, February 2017.

Assal A, Jones C. A Study on the Impact of the Ontario Fertility Program on Duplicate Consultations. The Gatekeeper's Dilemma 2017, Canadian Fertility and Andrology Society. Toronto, ON, Canada, June 2017.

Barrett J, Okun N, Czikk M,
Berger H. The Southern Ontario
Obstetric Network: Past Present
and Future. Interhospital
Rounds, University of Toronto,
Department of Obstetrics
& Gynaecology. Toronto,
ON, Canada, April 2017.

Berger H. Obstetrical Ultrasound. 2nd Annual Sonography Conference. Toronto, ON, Canada, November 2017.

Berger H. Diabetes in Pregnancy. Grand River Hospital Perinatal Lecture Series. Kitchener, ON, Canada. October 2017.

Berger H. The Southern Ontario Obstetric Network: Past. Present and Future. Interhospital Rounds, St. Michael's Hospital. Toronto, ON, Canada, April 2017.

Berger H. The Effect of Antenatal Corticosteroids on the Fetal Thymus. Grand Rounds, The Hospital for Sick Children. Toronto, ON, Canada, October 2016.

Berger H. NIPT and Second Trimester Ultrasound — Companions or Competitors? 62nd Annual Meeting, Canadian Fertility and Andrology Society. Toronto, ON, Canada, September 2016.

Berger H. New SOGC Guidelines on Diabetes in Pregnancy — The Unanswered Questions. Ontario Continuing Medical Education 2016, Society of Obstetricians and Gynecologists of Canada. Toronto, ON, Canada, December 2016.

Berger H. NIPT: What's New. Ontario Continuing Medical Education 2016, Society of Obstetricians and Gynecologists of Canada. Toronto, ON, Canada, December 2016.

Bernardini MQ. GOC-2: Outcomes of the Canadian Prospective Surgical Trial for Endometrial Cancer Management: Where Does the Robot Fit in? Grand Rounds, Sinai Health System. Toronto, ON, Canada, February 2017.

Bernardini MQ. Surgical Management of Epithelial Ovarian Cancer. Astra Zeneca Preceptorship Lectures, Princess Margaret Cancer Centre. Toronto, ON, Canada, October 2017.

Bernardini MQ. Optimizing Initial Clearance in Advanced Ovarian Cancer. Humber River Hospital, Department of Obstetrics and Gynecology. Toronto, ON, Canada, October 2017.

Brown TJ. Research Opus. Resident Orientation, University of Toronto, Department of Obstetrics and Gynecology. Toronto, ON, Canada, June 2017.

Brown TJ. Mentoring and Supervising Research Trainees: How to Foster a Working Knowledge of Research. Faculty Development Day, University of Toronto, Department of Obstetrics & Gynaecology. Department Toronto, ON, Canada, November 2016.

Brown TJ. The Trials and Tribulations of Authorship. Faculty Development Day, University of Toronto, Department of Obstetrics & Gynaecology. Department Toronto, ON, Canada, November 2016.

Brown TJ. Human Research Ethics. Graduate Student Orientation, University of Toronto, Department of Physiology. Toronto, ON, Canada, September 2016.

Brown TJ. Grant Writing, Research Process and Pearls. Fellows Research Course, University of Toronto, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, September 2016.

Brown TJ. Research Opus.

Resident Orientation Day, University of Toronto, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, June 2016.

Caniggia I. Endocrinology of Early Pregnancy: Corpus Luteum to Placental Shift. Gynaecologic Reproductive Endocrinology and Infertility Academic Half Day, University of Toronto. Toronto, ON, Canada, January 2017.

Covens A. Possible Cervical Cancer. Optimizing Referrals and Workup of Gynaecologic Malignancies. University of Toronto, Division of Gynecologic Oncology. Toronto, ON, Canada, March 2017.

Covens A. Surgical Sentinel Lymph Node Mapping for Endometrial Cancer. Inaugural MyGOALS: Multidisciplinary Gynecologic Oncology Annual Lecture Series. University of Toronto. Toronto, ON, Canada, March 2017.

Cusimano M, Ferguson S.
Prospective Validation of
Sentinel Lymph Node Biopsy
with Indocyanine Green
Flourescence Imagine in
High-grade Endometrial
Cancer. 34th Annual Research
Day, University of Toronto
Department of Obstetrics
& Gynaecology. Toronto,
ON, Canada, April 2017.

Derzko C. When Ovaries Retire Too Soon: The Consequences and Management of Premature Ovarian Failure. Endocrinology Rounds, St. Michaels Hospital. Toronto, ON, Canada, November 2017. Derzko C. Menopause 2017 – An Update. Family Medicine, Academic Half Day. Toronto, ON, Canada, May 2017.

Derzko C. The Role of Reproductive Hormone Therapy in Bone and Muscle Health. Canadian Musculoskeletal Conference. Toronto, ON, Canada, October 2016.

D'Souza R. Choosing the
Optimal Blood-thinner
for Pregnant Women with
Mechanical Heart Valves — A
Novel Three-step Approach.
Graduate Speakers Series:
Women's and Children's Health,
University of Toronto. Toronto,
ON, Canada, May 2017.

D'Souza R. Hypertensive Disorders in Pregnancy. High Risk Course for Labour and Delivery, Mount Sinai Hospital. Toronto, ON, Canada, April 2017.

D'Souza R. Induction for Macrosomia: When to Deliver. 15th Annual Refresher in Primary Maternity Care, University of Toronto. Toronto, ON, Canada, May 2017.

D'Souza R. Induction of Labour for Low-risk Women — Is 39 the New 41? Humber Valley Regional Hospital Rounds. York, ON, Canada, May 2017.

D'Souza R. Induction of Labour for Low-risk Women — Is 39 the New 41? Mount Sinai Hospital Rounds. Toronto, ON, Canada, September 2016.

D'Souza R. Cohort Studies and Cross Sectional Studies. Department of Obstetrics & Gynaecology Health Research Course, Mount Sinai Hospital. Toronto, ON, Canada, September 2016.

D'Souza R. Decision Analysis. Health Research Course, Mount Sinai Hospital, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, September 2016.

D'Souza R. Induction of Labour for Low-risk Women — Is 39 the New 41? St. Joseph's Health Care Centre Rounds. Toronto, ON, Canada, May 2017.

D'Souza R. Induction of Labour for Low-risk Women — Is 39 the New 41? Credit Valley/ Trillium Group Grounds. Mississauga, ON, Canada, April 2017.

Ermini L, Post M, Caniggia
I. A Single Sphingomyelin
Species Promotes Exosomal
Release of Endoglin into
the Maternal Circulation in
Preeclampsia. 34th Annual
Research Day, University
of Toronto Department of
Obstetrics & Gynaecology.

Farine D. PPH – The New FIGO Guidelines. 13th Annual Obstetrical Malpractice: A Survival Guide for 2017, Mount Sinai Hospital. Toronto, ON, Canada, January 2017.

Farine D. Steroids — Late Preterm Birth. 13th Annual Obstetrical Malpractice: A Survival Guide for 2017, Mount Sinai Hospital. Toronto, ON, Canada, January 2017.

Farine D. Risk Management and Malpractice. Maternal Fetal Medicine Academic Half Day. Toronto, ON, Canada, February 2017. Farine D. Medico-legal and Obstetrical Ultrasound. 20th Annual Obstetrical Ultrasound Course. Toronto, ON, Canada, February 2017.

Farine D. Sex in Pregnancy.

Medical Complications of

Pregnancy Rounds, Mount

Sinai Hospital. Toronto, ON, Canada, March 2017.

Ferguson S. Sentinel Lymph Node Mapping in Gynecologic Cancer. Grand Rounds, University Health Network, Department of Surgery. Toronto,

Freire-Lizama T. ICP. Grand Rounds, Credit Valley Hospital. Toronto, ON, Canada, June 2017.

ON, Canada, September 2016.

Freire-Lizama T. Select Topics in Maternal-Fetal Medicine. Toronto, ON, Canada, April 2017.

Freire-Lizama T. OB Review: PET, Prematurity, IGUR, LBW, OB Complications. University of Toronto. Toronto, ON, Canada, April 2017.

Gien LT. Optimizing
Workup and Referral for
Postmenopausal Bleeding
and Uterine Masses. Cancer
Care Ontario Communities
of Practice. Toronto, ON,
Canada, March 2017.

Gotz T, Jones C. Year One of the Ontario Fertility Program: The Patient Experience — A Survey of 250 Patients in the GTA. The Gatekeeper's Dilemma 2017, Canadian Fertility and Andrology Society. Toronto, ON, Canada, June 2017.

Jones C, Chan C. Travel

in Pregnancy. Refresher in Primary Maternity Care. Mount Sinai Hospital, Continuing Medical Education. Toronto, ON, Canada, May 2017.

Jones C. IVF 101 – The Ontario Aspect. 25th Annual New Developments in Prenatal Diagnosis and Medical Genetics. Mount Sinai Hospital, Continuing Medical Education. Toronto, ON, Canada, May 2017.

Jones C. Hatch you later! — Taking control of Your Fertility. Lecture on Social Egg Freezing. Women's Health Event, Mount Sinai Hospital. Toronto, ON, Canada, May 2017.

Jones C. LGBTQ Family Building. Clinical Evaluation and Treatment of Infertility. Mount Sinai Hospital, Continuing Medical Education. Toronto, ON, Canada, September 2016.

Jones C, Chan C. Be it Resolved that Social Egg Freezing Should be Offered to all Patients and is a way to Provide Women Reproductive Autonomy. Mount Sinai Hospital, Continuing Medical Education. Toronto,

Jumah NA. Women's Reproductive Health Research at the Thunder Bay Regional Health Sciences Centre. PSI Foundation Annual General Meeting. Toronto, ON, Canada, April 2017.

ON, Canada, September 2016.

Jumah NA. Cervical Screening and Follow Up after Colposcopy. COPE Conference. Thunder Bay, ON, Canada, May 2017.

Jumah NA. Motherhood under

the Microscope. Thunder Bay Regional Health Sciences Centre Psychiatry Retreat. June 2017, Thunder Bay, ON.

Keunen J. Differential
Diagnosis and Investigation.
Symposium Two: Implications
of IUGR. 5th International Fetal
Growth Conference. Toronto,
ON, Canada, November 2016.

Keunen J. Review of all the Imagine Protocols Discussed This Conference. 20th Annual Obstetric Ultrasound: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Keunen J. Live Scan — Cervix. 20th Annual Obstetric Ultrasound: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Keunen J. CVS & Amnio Principals. Maternal Fetal Medicine Fellowship Teaching Rounds, Mount Sinai Hospital. Toronto, ON, Canada, June 2016.

Kingdom JC. Placenta Growth Factor (PIGF): A New Blood Test for Clinicians to Manage Suspected Hypertension or Fetal Growth Restriction. SOGC/APOG Ontario CME 2017. Toronto, ON, Canada, December 2017.

Kingdom JC. PIGF — Why, When, What and What Next? Canadian Intrapartum Care Conference. Toronto, ON, Canada, November 2017.

Kingdom JC. Placenta Growth Factor: Implications for Managing Suspected Pre-Eclampsia or IUGR. 15th Annual Refresher in Primary Maternity Care. Toronto, ON, Canada, May 2017.

Kingdom JC. Doppler Live Scan. 20th Annual Obstetric Ultrasound: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Kingdom JC. Placenta Function Evaluation. 20th Annual Obstetric Ultrasound: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Kingdom JC. Invasive Placentation. Maternal-Fetal Medicine Academic Half Day, Mount Sinai Hospital. Toronto, ON, Canada, February 2017.

Kingdom JC. Maternal Circulating Angiogenesis-Regulating Proteins (PLGF and sFlt-1): Improving Care for Women at Risk of Pre-eclampsia. Grand Rounds, Mount Sinai Hospital, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, February 2017.

Kingdom JC, Van Mieghem T.
Differentiating Perspectives
on the Optimal Management
of Patients with Previous
Pre-Eclampsia or IUGR — The
Placenta Clinic vs. the Use of
Aspirin. 13th Annual Obstetrical
Malpractice: A Survival
Guide for 2017. Toronto, ON,
Canada, January 2017.

Kingdom JC. Morbidly Adhering Placentas. Sonographer Rounds, Mount Sinai Hospital. Toronto, ON, Canada. December 2016.

Kingdom JC. The Role of Heparin for the Prevention of IUGR. 5th International Fetal Growth Meeting. Symposium Six: Interventions to Improve IUGR Outcomes. Toronto, ON, Canada, November 2016.

Kingdom JC, Morgen E. Inter-Active Case Studies: How to Interpret Pathology and Counsel Post-Partum. Fetal Growth 2016. Symposium Three: Placental Basis IUGR. Toronto, ON, Canada, November 2016.

Laframboise S. Diagnosis and work-up of suspicious ovarian neoplasms. Inaugural MyGOALS: Multidisciplinary Gynecologic Oncology Annual Lecture Series. Toronto, ON, Canada. March 2017.

Lausman A. IUGR Guidelines. Toronto Birth Conference. Toronto, ON, Canada, November 2016.

Lausman A. New Concepts in IUGR. Queens University, Continuing Medical Education Day. Kingston, ON. Canada. October 2016.

Lausman A. Fetal Heart Rate Monitoring. St. Michael's Hospital, PGY1 Boot Camp. Toronto, ON, Canada, June 2016.

Librach CL. Human Umbilical Cord Derived Stem Cell Technologies. Nursing Journal Club. Toronto, ON, Canada, June 2016.

Lee SK. Future of NICU Follow-Up. Building Strong NICU Families Symposium. Toronto, ON, Canada, November 2016.

Lee SK. CIHR Foundation Scheme. IHDCYH Webinars. Toronto, ON, Canada, May 2017. Lee SK. Networks for Research and Quality Improvement. CAGS. Toronto, ON, Canada, February 2017.

Liu K. Work-up for the Infertile Couple. Ontario College of Family Physicians Annual Conference. Toronto, ON, Canada, November 2016.

Maxwell C. Introduction to the MFM Fellowship Program. Maternal-Fetal Medicine Career Night, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, February 2017.

Maxwell C. Maternal Obesity. Grand Rounds, Sunnybrook Health Sciences Centre. Toronto, ON, Canada.

Maxwell C. Expecting the Unexpected: A Case of Ulcerative Colitis. Maternal Fetal Medicine, Patient Care Conference. Toronto, ON, Canada, August 2016.

May T. The Role of Advanced Laparoscopy in Gynaecologic Oncology. Second Annual Gynecologic Surgery Conference. Toronto, ON, Canada, September 2016.

May T. Advances in Minimally Invasive Surgery in Gynecologic Oncology. Gynecologic Oncology Multidisciplinary Tumor Board, Princess Margaret Cancer Centre. Toronto, ON, Canada, September 2016.

McDermott CD. Managing your Patients' Pelvic Floor. Everyday Gynaecology Conference, University of Toronto. Toronto, ON, Canada, November 2016.

McDermott CD. A

Urogynecologist's Approach to Chronic Pelvic Pain. Pelvic Health Solutions 4th Annual Symposium. Toronto, ON, Canada, April 2017.

Meffe F. Providing Medical Learners with Feedback. Department of Obstetrics and Gynecology Journal Club, Trillium Health Partners. Mississauga, ON, Canada, September 2016.

Meffe F. Menorrhagia and Anemia: Old Friends. Women's Health Symposium, St. Michael's Hospital. Toronto, ON, Canada, February 2017.

Melamed N. Defining Fetal Growth. 5th International Fetal Growth Meeting. Toronto, ON, Canada, November 2016.

Melamed N. Timing of Delivery in Women with Gestational Diabetes. BORN Annual Conference. Toronto, ON. Canada, April 2017.

Melamed N. Integration of Growth Imaging into Management. Obstetrical Ultrasound Course. Toronto, ON, Canada, February 2017.

Moskovtsev SI. Automated Method to Identify Rare Sperm in Azoospermic in mTESE Sample. Fertility Rounds, Mount Sinai Hospital. Toronto, ON, Canada, March 2017.

Moskovtsev SI. Introduction at Spermatogenesis and Andrology. University of Toronto, Department of Engineering. Toronto, ON, Canada, January 2017.

Moskovtsev SI. Laboratory

Evaluation of Male Fertility. Urology Department Rounds, Mount Sinai Hospital. Toronto, ON, Canada, November 2016.

Moskovtsev SI.
Spermatogenesis PSL
420F/1420F Reproductive
Physiology. University of
Toronto, Department of
Physiology. Toronto, ON,
Canada, October 2016.

Murji A, Singh S. Debate on the Management of Fibroids. Ontario CME 2016 — The Society of Gynecologic Oncology of Canada. Toronto, ON, Canada, December 2016.

Murphy KE. Hepatitis B in Pregnancy. Association of Ontario Midwives. Toronto, ON, Canada, May 2017.

Murphy KE. Zika in Pregnancy. Association of Ontario Midwives. Toronto, ON, Canada, May 2017.

Murphy KE. Late Preterm Steroids. 2017 Refresher in Primary Maternity Care. Mount Sinai Hospital. Toronto, ON, Canada, May 2017.

Murphy KE. Zika in Pregnancy. Obstetric Medicine Rounds, Mount Sinai Hospital. Toronto, ON, Canada, April 2017.

Murphy KE. Introduction to Global Reproductive Health. Global Health Education Institute for Reproductive Health. Toronto, ON, Canada, March 2017.

Murphy KE. The New SOGC Guidelines on Hepatitis B. OB Malpractice: A Survival Guide for 2017. Toronto, ON, Canada, January 2017.

Murphy KE. Zika: Update and Review of Disagreement in Guidelines. OB Malpractice: A Survival Guide for 2017. Toronto, ON, Canada, January 2017.

Murphy KE. Case Based Learning - Hepatitis B. Mount Sinai Hospital. 12th Annual Everyday Gynaecology Conference - The Management of Common Gynaecologic Conditions. Toronto, ON, Canada. November 2106.

Murji A. Endometriosis. Gynaecology Academic Half Day, University of Toronto, Department of Obstetrics & Gynaecology. Toronto, ON, Canada, June 2017.

Murji A. Adenomyosis:
Symptoms, Causes and
Treatment. 12th Annual
Everyday Gynaecology: The
Management of Common
Gynaecologic Conditions.
University of Toronto,
Department of Obstetrics &
Gynaecology. Toronto, ON,
Canada, November 2016.

Murji A. Case Base
Learning — A Case of Ectopic
Pregnancy. 12th Annual
Everyday Gynaecology: The
Management of Common
Gynaecologic Conditions.
University of Toronto,
Department of Obstetrics &
Gynaecology. Toronto, ON,
Canada, November 2016.

Murji A. Dysfunctional Uterine Bleeding. Annual Clinic Day, William Osler Health System. Toronto, ON, Canada, October 2016.

Murji A. Medical Management of Uterine Fibroids. Canadian Obstetrics and Gynaecology Review Program. Toronto, ON, Canada, February 2017.

Nagy A. Stem Cells "R"
Us. 1st Sun Life Gene
Academic Program in
Medical Science, High
School Student Competition
Research Day. Toronto, ON,
Canada, September 2016.

Nagy A. Addressing Cell Therapy Safety with Genome Editing. Student Society for Stem Cell Research, 2nd Annual Conference — Stem Cells: The Next Generation. Toronto, ON, Canada, January 2017.

Nagy A. Addressing Cell Therapy Safety with Genome Editing. Keenan Research Centre, St. Michael's Hospital. Toronto, ON, Canada, February 2017.

Okun N. Assisted Reproduction and Birth Outcomes. 25th Annual Symposium New Developments in Prenatal Screening and Medical Genetics. Mount Sinai Hospital. Toronto, ON, Canada, May 2017.

Okun N, Douggan S. Prenatal Screening in Ontario: Past, Present and Future — Using Data to Inform Policy. 2017 Born Conference. Toronto, ON, Canada, April 2017.

Okun N. NIPT in the UK and Canada. 20th Annual Obstetric Ultrasound: Setting the Standard for 2017. Mount Sinai Hospital. Toronto, ON, Canada, February 2017. Okun N. Case Presentations. Genetics/DI/MFM Rounds. Trillium Health Partners. Mississauga, ON, Canada, February 2017.

Okun N. Case Presentations. Genetics/DI/MFM Rounds. Trillium Health Partners. Mississauga, ON, Canada, November 2016.

Okun N. Pitfalls in Genetic Testing. Obstetrical Malpractice: A Survival Guide for 2017. Mount Sinai Hospital. Toronto, ON, Canada, January 2017.

Rogers I. Stem Cells for Drug Discovery, Cell Therapy and Whole Organ Production. Physiology summer student talk, University of Toronto. Toronto, ON, Canada, June 2017.

Rogers I. Building a Pancreas with Stem Cells and an Acellular Pancreas .Banting and Best Diabetes Centre. Toronto, ON, Canada, June 2017.

Rogers I. Advanced Cell Based Therapies using Umbilical Cord Blood and Tissue Cells. Family Medicine Clinical Rounds, Niagara Health, Obstetrics and Gynecology. Family Medicine Clinical St. Catherine's, ON, Canada, June 2017.

Rogers I. Using Urine Derived iPSC to Treat Incontinence.
Regenerative Medicine Coffee Hour with Dr. Kellie Murphy.
Toronto, ON, Canada, June 2017.

Rogers I. Production of Whole Organs from Stem Cells: Building a Kidney. OIRM Symposium. Toronto, ON, Canada, May 2017. Rogers I. Stem Cells 101, a Stem Cell Primer. Cell Care and Inception Symposium. Toronto, ON, Canada, April 2017.

Rogers I. Umbilical Cord Blood and Tissue as a Source of iPSC for Advanced Cell Therapies. Family Practice Rounds, St. Joseph's Hospital. Toronto, ON, Canada, March 2017.

Rogers I. Pluripotent vs.
Multipotent Stem Cells for
Replenishing the Blood
System in Leukemia Patients.
Stem Cell talks: Debate
with Dr. Rossant. Toronto,
ON, Canada, March 2017.

Rogers I. Umbilical Cord Blood Cells for Advanced Stem Cell Therapies. Obstetrics and Gynaecology Rounds, Scarborough General Hospital. Toronto, ON, Canada, March 2017.

Rogers I. Umbilical Cord Blood and Tissue Banking. CCRM/Industry Ontario Media Tour at Inception. Toronto, ON, Canada, March 2017.

Rogers I. Using Umbilical Cord Blood and Tissue Cells for Advanced Stem Cell Therapies. Family Practice Rounds, Sunnybrook Hospital. Toronto, ON, Canada, February 2017.

Rogers I. UCB, UCT and iPSC for Regenerative Medicine. Family Practice Rounds, Trillium Health Centre. Mississauga, ON, Canada, December 2016.

Rogers I. Induced Pluripotent Stem Cells from Urine. Urogynecology Rounds, Sinai Health System. Toronto, ON, Canada, November 2016.

Rogers I. Stem Cells from Umbilical Cord Blood and Tissue have Therapeutic Properties. Obstetrics and Gynecology Group, Centenary Hospital. Toronto, ON, Canada, November 2016.

Rogers I. Therapeutic
Uses for Umbilical Cord
blood and Umbilical Cord
tissue Cells. Family Practice
Rounds, Cambridge Memorial
Hospital. Cambridge, ON,
Canada, October 2016.

Sallais J, Caniggia I. Cross-Talk between Oxygen and Sphingolipid Metabolism In Human And Murine Placental Development. 34th Annual Research Day, University of Toronto Department of Obstetrics & Gynaecology. Toronto, ON, Canada, April 2017.

Sallais J, Caniggia I. Cross-Talk between Oxygen and Sphingolipid Metabolism in Human and Murine Placental Development. Institute of Medical Science Annual Scientific Day, Toronto, ON, Canada, May 2017.

Selk A. What's New in Vulvar Dermatoses. Toronto Dermatologic Society, Atlantic Dermatological Conference. Toronto, ON, Canada, May 2017.

Selk A. Vulvar 911 —
Common Problems and
Easy Answers. 12th Annual
Everyday Gynaecology: The
Management of Common
Gynaecologic Conditions.
University of Toronto,

Department of Obstetrics & Gynaecology. Toronto, ON, Canada. November 2016.

Selk A, McFaul S. Ontario Colposcopy Update: Cases, Cases, Cases. Society of Obstetricians and Gynaecologists of Canada Regional Meeting. Toronto, ON, Canada, December 2016.

Selk A. The Aging Vulva.
University of Toronto and Mount
Sinai Hospital, Department
of Obstetrics & Gynaecology,
13th Annual Mature Women's
Health Care. Toronto, ON,
Canada, April 2017.

Selk A. How your Body Changes in Pregnancy. Yolk II: Body and Brain. An education event for women for International Women's Day, The House and Mount Sinai Hospital Foundation. Toronto, ON, Canada, March 2017.

Shapiro H, Jones C, Bohnen J, Anderson G, Matlow A. Evaluation of a Pilot Leadership Program for Obstetrics and Gynecology Residents. Toronto International Summit on Leadership Education for Physicians. Niagara Falls, ON, Canada, September 2016.

Shynlova O. Maternal
Peripheral Blood Leukocytes
as Biomarkers of Pregnancy
Complications. Annual
Meeting of the International
Society for Biological and
Environmental Repositories.
Toronto,ON, Canada, May 2017.

Solnik J. Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery.

University of Toronto. Toronto, ON, Canada, May 2016.

Steinberg W. HPV and Vaccination: Translating Knowledge into Action. The Society of Obstetricians and Gynaecologists of Canada. Toronto, ON, Canada. October 2017.

Steinberg W. Clinical PEARLS for the Medical Management of Uterine Fibroids. University of Toronto. Toronto, ON, Canada, October 2016.

Ternamian A. History and Evolution of Hysteroscopy. The Art of Modern Out-Patient Hysteroscopy and an Introduction to Transvaginal Hydro-Laparoscopy STORZ. Hysteroscopy Symposium. Toronto, ON, Canada, October 2016.

Ternamian A. Hysteroscopic Management of Sub-Mucous Fibroids. The Art of Modern Out-Patient Hysteroscopy and an Introduction to Transvaginal Hydro-Laparoscopy STORZ. Hysteroscopy Symposium. Toronto, ON, Canada, October 2016.

Ternamian A. Diagnostic and Operative Hysteroscopy. APOG Annual Minimally Invasive Surgery Workshop for Residents and Fellows. Toronto, ON, Canada, November 2016.

Ternamian A. Complications of Operative Hysteroscopy. APOG Annual Minimally Invasive Surgery Workshop for Residents and Fellows. Toronto, ON, Canada, November 2016.

Van Mieghem T. Live

Scan First Trimester. 20th Annual Obstetric Ultrasound Meeting: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Van Mieghem T. Fetal Cardiac Dysfunction. 20th Annual Obstetric Ultrasound Meeting: Setting the Standard for 2017. Toronto, ON, Canada, February 2017.

Van Mieghem T. Fetal Cardiac Screening: Guidelines and Techniques. Toronto Symposium in Fetal Cardiology: From Basics to State of the Art. Toronto, ON, Canada, October 2016.

Van Mieghem T. First
Trimester Echocardiography:
What is Possible and How.
Toronto Symposium in Fetal
Cardiology: From Basics to
State of the Art. Toronto, ON,
Canada, October 2016.

Van Mieghem T. Are our Caesarean Section Rates Too High. Society of Obstetricians and Gynaecologists of Toronto Debate. Toronto, ON, Canada, October 2016.

Van Mieghem T, Kingdom JC.

Managing Women with a History of Severe Pre-Eclampsia: The Placental Clinic vs. Aspirin from Early Gestation. 12th Annual Obstetric Malpractice Conference. Toronto, ON, Canada, January 2017.

Yudin M. Immunization in Pregnancy. Association of Ontario Midwives webinar. Toronto, ON, Canada, April 2016.

Yudin M. Vaginal

Microfloralogues. Toronto Public Health Sexual Health Training and Education Session. Toronto, ON, Canada, May 2017.

Yudin M. Vaginitis: How to Manage this Common Problem. Resident Teaching Lecture Series, University of Toronto, Department of Obstetrics and Gynecology. Toronto, ON, Canada, April 2017.

Yudin M. Viral Infections in Pregnancy. Toronto East Health Network Drugs and Therapeutics Update, Michael Garron Hospital. Toronto, ON, Canada, April 2017.

Yudin M. A Balancing Act: Considering HIV Status and Psychiatric Vulnerability in Pregnancy and the Postpartum Period. Casey House HIV/AIDS and Mental Health Series. Toronto, ON, Canada, March 2017.

Yudin M. Preconception
Counseling in the Zika
Area. St. Michael's Hospital
Annual Women's Health
Symposium. St. Michael's
Hospital, University of Toronto,
Department of Obstetrics
and Gynecology. Toronto, ON,
Canada, February 2017.

Yudin M. Zika Virus and Pregnancy: More Questions than Answers. Scarborough Hospital, Continuing Medical Education. Toronto, ON, Canada, January 2017.

Yudin M. Vaginitis: Management for the Family Doctor. Family Practice Academic Half Day, St. Michael's Hospital, University of Toronto, Department of Family Practice. Toronto, ON, Canada, July 2016.

Yudin M. HIV: Clinical Care Here and Abroad. Global Refugee and Immigrant Women's Health Continuing Medical Education Course. University of Toronto, Department of Obstetrics and Gynecology. Toronto, ON, Canada, May 2016.

Zigras T, Brar H, Wijeysundera H, Ferguson S. A Decision Analysis of the Treatment Strategies for Pelvic Lymph Node Positive Stage IB1 Cervical Cancer. 34th Annual Research Day, University of Toronto Department of Obstetrics & Gynaecology. Toronto, ON, Canada, April 2017.

Zigras T, Ferguson S. A
Decision Analysis of the
Treatment Strategies for Pelvic
Lymph Node Positive Stage
IB1 Cervical Cancer. IHPME
Annual Research Day. Toronto,
ON, Canada, April 2017.

Vilos G, Vilos A, Abu-Rafea B, **Ternamian A**. Evolution of a Safer Laparoscopic Entry Utilizing a Novel Stepwise Closed Technique. Canadian Symposium on Minimally Invasive Gynecologic Surgery. Victoria College, University of Toronto. Toronto, ON, Canada, April 2016.

- Presentations

INTERNATIONAL ABSTRACT PRESENTATIONS

Abadde J, Tagliaferro A, Ermini L, Post M, Caniggia I. Novel Insight into Insulindependent Changes in Mitochondrial Dynamics in Gestational Diabetes Mellitus. International Federation of Placental Associations. Manchester, United Kingdom, August 2017.

Abbasi N, Kolomietz E, Moore A, Chiu P, Chong K, Ryan G, Chitayat D. Microarray Abnormalities in Prenatally Diagnosed Omphaloceles. 20th International Conference on Prenatal Diagnosis and Therapy. Berlin, Germany, July 2016.

Abbasi N, Moore A, Weksberg R, Shuman S, Steele L, Chiu P, Ryan G, Chitayat D. Beckwith-Wiedemann Syndrome in Prenatally Diagnosed Omphaloceles. 20th International Conference on Prenatal Diagnosis and Therapy. Berlin, Germany, July 2016.

Abramov R, Antes R, Kuznyetsov V, Zaver S, Balakier H, Madjunkova S, **Librach CL**. Morphological Blastocyst Grade is not a Determinant for Implantation of Euploid Embryos. International Conference on Preimplantation Genetics. Valencia, Spain, March 2017.

Acuna S, Zaffar N, Bhagra C, Ross H, Silversides C, D'Souza R. Pregnancy Outcomes of Cardiothoracic Transplant Recipients: A Systematic Review and Meta-analysis. Society for Maternal Fetal Medicine, 37th Annual Pregnancy Meeting. Las Vegas, NV, USA, January 2017.

Alahari S, Rolfo A, Caniggia I. Hypoxia and Iron Imbalance Impairs JMJD6mediated Histone Demethylation of VHL in Preeclampsia. International Federation of Placenta Associations. Portland, OR, USA, September 2016.

Alahari S, Caniggia I. Oxygen-dependent JMJD6 Regulation of Fibronectin Synthesis and Assembly in the Human Placenta. Society for Reproductive Investigation, 64th Annual Scientific Meeting. Orlando, FL, USA, March 2017.

Alahari S, Caniggia I. JMJD6-mediated Histone Demethylation in Preeclampsia is Compromised Due to Reduced Intracellular Iron Availability. International Federation of Placental Associations. Manchester, United Kingdom, August 2017.

Alayed N, Okun N, Chong K, Chitayat D, Kolomietz E. Chromosomal Microarray as a First Tier Test Following Diagnostic Prenatal Procedures, The Toronto Mount Sinai Hospital Experience. International Society of Ultrasound in Obstetrics and Gynaecology, 26th World Congress on Ultrasound in Obstetrics and Gynecology. Rome, Italy, September 2016. Rome, Italy, September 2016.

Alsayegh E, Melamed N. Optimal Timing of Antenatal Corticosteroids in Women with Bleeding Placenta Previa. Society for Maternal Fetal Medicine, 37th Annual Pregnancy Meeting. Las Vegas, NV, USA, January 2017.

Andany N, Kaida A, de Pokomandy A, Wang L, Kennedy V, **Yudin MH**, Webster K, Benoit A, Loutfy M. Early Onset Menopause Among Women Living with HIV in Canada. Conference on Retroviruses and Opportunistic Infections, Annual Scientific Meeting. Seattle, WA, USA, February 2017.

Baja H, Retnakaran R, Zinman B, Connelly PW, Hanley AJ, **Sermer M**, Qi Y. Biomarkers of Vascular Injury After Recent Glucose Intolerance in Pregnancy. American Diabetes Association, 77th Scientific Sessions. San Diego, CA, USA, June 2017.

Balogun K, Guzman M, Papp E, Loutfy M, Yudin MH, MacGillivray J, Murphy KE, Walmsley S, Silverman M, Serghides L. Protease Inhibitor Based cART is Associated with High Estradiol Levels in Pregnancy. 7th International Workshop on HIV and Women. Seattle, WA, USA, February 2017.

Barbe L, Lanni S, Lopez-Castel A, Franck

S, Spits C, Keymolen K, Seneca S, Tome St, Miron I, Letourneau J, Liang M, Choufani S, Weksberg R, Wilson MD, Zdenek S, Gagnon C, Musova Z, Chitayat D, Shannon P, Mathieu J, Sermon K, Pearson CE. CpG Methylation, a Parent-of-origin Effect for Maternal-based Transmission of Congenital Myotonic Dystrophy. International Myotonic Dystrophy Consortium. San Francisco, CA, USA, September 2017.

Barretto T, Park E, Liu E, Gauthier-Fisher A, Gallagher D, **Librach CL**, Baker A. Blood Brain Barrier Integrity and Edema Formation after Moderate Traumatic Brain Injury is Improved with Human Umbilical Cord Perivascular Cell Therapy. International Society for Cellular Therapy. London, United Kingdom, May 2017.

Bhattacharjee J, Natta GK, Real AHM, Rahman MM, Caniggia I, Bhuiyan MU. Materno-fetal and Placental Relationship in Zebu and Crossbred Cattle. International Conference on Reproductive Biology and Comparative Endocrinology (ICRBCE) and the 35th Annual Meeting of the Society for Reproductive Biology and Comparative Endocrinology (SRBCE-XXXV). University of Hyderabad, India, February 2017.

Berger H, Srivaratharajah K, Abramson B, Jairam J, Park A, Ray JG. First Trimester Maternal Visceral Adipose Tissue Thickness is Independently Associated with Postpartum Maternal Adiposity. International Society of Ultrasound in Obstetrics and Gynaecology. Vienna, Austria, September 2017.

Berger H, Ray JG, De Souza LR, Park AL, Connelly PW, Bujold E. Viceral Adiposity in Early Pregnancy and the Risk of Preeclampsia and Preterm Birth in the Session. International Society of Ultrasound in Obstetrics and Gynaecology, 26th World Congress on Ultrasound in Obstetrics and Gynecology. Rome, Italy, September 2016.

Bernardini MQ, **Gien LT**, Giede C, Samouelian V, Steede H, **Ferguson SE**, Renkosinskif B, Abitbolg J, Warkush T, Lei T, Martin V, Covens A, Panzarella T, Gotlieb WH. GOC2: A Multi-centre Prospective Trial Comparing Open, Laparoscopic and Robotic Surgical Outcomes in Women with Endometrial Cancer. Part A: Peri-operative Outcomes. Society of Gynecologic Oncology, 48th Annual Meeting on Women's Cancers. National Harbor, MD, USA, March 2017.

Bernardini MQ. Cost-effectiveness of Sentinel Node Biopsy and Pathological Ultrastaging in Patients with Early Stage Endometroid Adenocarcinoma of the Uterus. Society of Gynecologic Oncology, 48th Annual Meeting on Women's Cancers. National Harbor, MD, USA, March 2017.

Bernardini MQ. TP53 Expression Status and Association with Outcome within Grade 3 Endometrioid Carcinomas of the Endometrium. United States & Canadian Academy of Pathology's 106th Annual Meeting. San Antonio, TX, USA, March 2017.

Bhasin A, Gonzalez A, Zaffar N, Mullin S, Hui D, D'Souza R, Chan C, Hadunewich M. Pregnancy Outcomes in Women on Intensive Hemodialysis Compared to Renal Transplant Recipients. American Society of Nephrology Conference. Chicago, IL, USA, November 2016.

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COMMON ABBREVIATIONS

AACR	American Association for Cancer Research
AAGL	American Association of Gynaecologic Laparos- copists
AAP	American Academy of Paediatrics
ABOG	American Board of Obstetrics and Gynaecology
ABU	American Board of Urology
ACOG	American Congress of Obstetricians and Gynaecologists
ACS	American Cancer Society
AEPC	Association for European Paediatric Cardiology
AHA	American Heart Association
AHFMR	Alberta Heritage Foundation for Medical Research
AHSC	Academic Health Sciences Centres
AIUM	American Institute of Ultrasound in Medicine
AMPATH	Academic Model Providing Access to Healthcare
APGO	Association of Professors of Gynaecology and Obstetrics
APOG	The Association of Academic Professionals in Obstetrics and Gynaecology of Canada
ASBMR	American Society for Bone and Mineral Research
ASCCP	American Society for Colposcopy and Cervical Pathology
ASCP	American Society for Clinical Pathology
ASCO	American Society of Clinical Oncology
ASHG	American Society of Human Genetics
ASRM	American Society for Reproductive Medicine
AWHONN	Association of Women's Heath, Obstetric and Neonatal Nurses
BICOG	British International Congress of Obstetrics and Gynaecology

CFAS	Canadian Fertility and Andrology Society
CAGS	Canadian Association of General Surgeons
CAHR	Canadian Association of HIV Research
CAHSPR	Canadian Association for Health Services and Policy Research
CanDIPS	Canadian Diabetes in Pregnancy Study Group
CANN	Canadian Association of Neonatal Nurses
CANPAGO	Canadian Paediatric and Adolescent Gynaecology and Obstetricians (SOGC)
CAPHC	Canadian Association of Paediatric Health Centres
CAPRI	Canadian Alliance for Paediatric Rheumatology Investigators
CAPSNet	Canadian Paediatric Surgery Network
CAR	Canadian Association of Radiologists
CaRMS	The Canadian Resident Matching Service
CARO/ACRO	Canadian Association of Radiation Oncology Association canadienne de radio-oncologie
CBCF	Canadian Breast Cancer Foundation
CBCRA	Canadian Breast Cancer Research Alliance
CCASN	Canadian Congenital Anomalies Surveillance Network
CCC	Canadian Cardiovascular Congress
CCHCSP	Canadian Child Health Clinician Scientist Program
CFPC	College of Family Physicians of Canada
CCME	Canadian Conference on Medical Education
CCMG	Canadian College of Medical Geneticists
CCMS	Chinese Canadian Medical Society (Ontario)
CCO	Cancer Care Ontario
CCOCR	Canadian Conference on Ovarian Cancer Research

CCSRI	Canadian Cancer Society Research Institute
CDA	Canadian Diabetes Association
CEPD	Continuing Education and Professional Development (University of Toronto)
CERI	Canadian Epilepsy Research Initiative
CFPC	College of Family Physicians of Canada
CFRC	Centre for Fertility and Reproductive Care (MSH)
CHI	Canada Health Infoway
СНИ	Centre hospitalier universitaire Sainte-Justine
CIHR	Canadian Institutes of Health Research
CMAS	The Centre for Minimal Access Surgery
CMICR	The Centre for Mother, Infant, and Child Research
COGI	World Congress on Obstetrics, Gyanecology and Infertility
COMEGO	Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C.
COSA	Clinical Oncological Society of Australia
CPA	Canadian Physiotherapy Association
CPAC	Canadian Partnership Against Cancer
CPS	Canadian Paediatric Society
CREMS	Comprehensive Research Experience for Medical Students
CREOG	Council on Resident Education in Obstetrics and Gyanecology
CSEM	Canadian Society of Endocrinology and Metabolism
CSMFM	Canadian Society of Maternal Fetal Medicine
CSTM	Canadian Society for Transfusion Medicine
CTN	CIHR Canadian HIV Trials Network

CUA	Canadian Urologic Association
DPSG	Diabetic Pregnancy Study Group
EASD	European Association for the Study of Diabetes
ECNP	European College of Neuropsychopharma- cology
EORTC	European Organisation for Research and Treatment of Cancer
EPA	European Placenta Group
ESC	European Society of Cardiology
ESGE	European Society for Gynaecological Endoscopy
ESHRE	European Society of Human Reproduction and Embryology
FAIS	Federation of African Immunological Societies
FAOPS	Federation of Asian and Oceania Perinatal Societies
FCMS	Federation of Chinese American and Chinese Canadian Medical Societies
FIGO	International Federation of Gynaecology and Obstetrics
FMWC	Federation of Medical Women of Canada
FORCE	Facing Our Risk of Cancer Empowered
GAPPS	Global Alliance to Prevent Prematurity and Stillbirth
GOC	The Society of Gynaecologic Oncology of Canada
GOGO	Gynaecologic Oncology Group Ontario
GREI	Gynaecologic Reproductive Endocrinology & Infertility
HHR	Health and Human Relations
HSFO	Heart and Stroke Foundation of Ontario
HUPO	Human Proteome Organisation
IBD	Inflammatory Bowel Disease

ICAAC	Interscience Conference on Antimicrobial Agents and Chemotherapy
ICONN	The International Collaboration of Neonatal Networks
ICS	International Continence Society
ICHG	International Congress of Human Genetics
IDSA	Infectious Diseases Society of America
IDSOG	Infectious Diseases Society for Obstetrics and Gynaecology
IEEE	Institute of Electrical and Electronics Engineers
IFMSS	The International Fetal Medicine and Surgery Society
IFPA	International Federation of Placenta Associations
IGORS	International Gynaecologic Oncology Robotic Symposium
IGCS	International Gynaecologic Cancer Society
IHDCYH	Institute of Human Development, Child and Youth Health
IMS	International Menopause Society
INTAPP	An International Trial of Antioxidants in the Prevention of Preeclampsia
IPEG	International Paediatric Endoscopy Group
IPE	Interprofessional Education
IPOS	International Psycho-Oncology Society
ISDS	International Skeletal Dysplasia Society
ISMRM	The International Societ for Magnetic Resonance in Medicine
ISSCR	International Society for Stem Cell Research
ISSHP	The International Society for the Study of Hypertension in Pregnancy

ISSTD	International Society for the Study of Trophoblastic Diseases
IUGA	International Urogynaecological Association
LHIN	Local Health Integration Network
LTRI	Lunenfeld-Tanenbaum Research Institute
MEFS	Middle East Fertility Society
MICYRN	Maternal Infant Child and Youth Research Network
MOHLTC	Ministry of Health and Long-Term Care (Ontario)
MSH	Mount Sinai Hospital
NAFTNet	The North American Fetal Therapy Network
NAMS	North American Menopause Society
NASOM	North American Society of Obstetric Medicine
NASPAG	North American Society for Paediatric and Adolescent Gynaecology
NESA	New European Surgical Academy
NCI	National Cancer Institute
NIDA	National Institute on Drug Abuse
NIH	National Institutes of Health
NSERC	Natural Sciences and Engineering Research Council of Canada
NYGH	North York General Hospital
NYSORA	The New York School of Regional Anesthesia
OCFP	Ontario College of Family Physicians
OGS/OGSST	Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology
OHTAC	Ontario Health Technology Advisory Committee
OMA	Ontario Medical Association
00A	Obstetric Anaesthetists' Association

OTIS	Organization of Teratology Information Specialists
PAG	Paediatric and Adolescent Gynaecology
PARO	Professional Association of Residents of Ontario
PAS	The Paediatric Academic Societies
PCRS	Pacific Coast Reproductive Society
PEBC	Program in Evidence-Based Care
PMH	Princess Margaret Hospital
PNOGA	Pacific Northwest Obstetrical and Gynaecological Association
POGO	Paediatric Oncology Group of Ontario
PREBIC	Preterm Birth Collective
PSANZ	Perinatal Society of Australia and New Zealand
PSI	Physicians' Services Incorporated
QBP	Quality-Based Procedures
RCOG	Royal College of Obstetricians and Gynaecologists (UK)
RCT	Randomized Control Trials
RCPSC	Royal College of Physicians and Surgeons of Canada
RSNA	Radiological Society of North America
SAEM	Society for Academic Emergency Medicine
SAGES	Society of American Gastrointestinal and Endoscopic Surgeons
SCMR	Society of Cardiovascular Magnetic Resonance
SGI	Society for Gynaecologic Investigation
SGO	Society of Gynaecologic Oncology
SHSC	Sunnybrook Health Sciences Centre

SHUTC	Sunnybrook Hospital University of Toronto Clinic (legal name, operates, as of 1973, as Academic Clinicians' Management Services)
SIBEN	SIBEN, the Sociedad Iberoamericana de Neonatología
SIECCAN	Sex Information and Education Council of Canada
SIR	Society of Interventional Radiology
SJHC	St. Joseph's Health Centre
SK	SickKids
SLS	Society of Laparoendoscopic Surgeons
SMFM	Society for Maternal-Fetal Medicine
SMH	St. Michael's Hospital
SMIG	Society of Minimally Invasive Gynaecology
SOGC	Society of Obstetricians and Gynaecologists of Canada
SOGIBA	Sociedad de Obstetricia y Ginecología de Buenos Aires
SOGS	Saudi Obstetrics and Gynaecological Society
SOGT	Society of Obstetricians and Gynaecologists of Toronto
SORB	Southern Ontario Reproductive Biology
SSR	Society for the Study of Reproduction
STGO	Tunisian Societies of Gynaecology and Obstetrics
STLHE	Society for Teaching and Learning in Higher Education
TAHSN	Toronto Academic Health Science Network
TEGH	Toronto East General Hospital
TWH	Toronto Western Hospital at UHN
UGSA	UroGynaecological Society of Australasia
UHN	University Health Network

USCAP	United States and Canadian Academy of Pathology
WAGO	Western Association of Gynaecologic Oncologists
WEBC	Weekend to End Breast Cancer
WFUMB	World Federation for Ultrasound in Medicine and Biology
WHI	Women's Health Initiative
WHO	World Health Organization
WRGC	World Robotic Gynaecology Congress





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