



Obstetrics & Gynaecology
UNIVERSITY OF TORONTO



ANNUAL REPORT 2012-2013



MISSION STATEMENT

Our mission is to advance and promote the discipline of
Obstetrics and Gynaecology,

- ◆ Achieving national and international recognition in research,
- ◆ Attaining pre-eminence in undergraduate and postgraduate education,
- ◆ Providing leadership in health care that is sensitive and responsive to the needs of both the consumer and the provider.

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Obstetrics & Gynaecology
UNIVERSITY OF TORONTO

ADDENDUM to 2012-2013 Annual Report

Page 8

Under Faculty: Cross Appointments

Dr Patricia Shaw should be listed as a **Professor**, Laboratory Medicine & Pathobiology, rather than as an Associate Professor.

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CHAIR'S REPORT

Alan D. Bocking, Professor and Chair

It is my pleasure and privilege to provide my last Chair's message for our Annual Report. The last 10 years have been truly remarkable for our Department and it has been a unique opportunity for me to be part of our collective accomplishments.

The last year has been one of reviews: an external review of the Department encouraged us to reflect on our past and I would like to thank Faculty and Staff for their active engagement in a process that affirmed our position as one of the top academic Departments of Obstetrics and Gynaecology in the world. A review of all University of Toronto postgraduate programs yielded full approval of our Residency Program in Obstetrics and Gynaecology and our three Subspecialty Programs. This is an outstanding accomplishment for our Department and I would like to again express my sincere appreciation to all our teachers and give special thanks to the program Directors, Donna Steele, Cynthia Maxwell, Allan Covens and Barbara Cruickshank and our Vice-Chair, Education, Heather Shapiro. In addition, I am grateful to all of the administrative Staff who played such an important role in ensuring the successful completion of the external review process, including the compilation of extensive documentation for the 7-year review period. Last, but not least, I would like to thank our Residents and Fellows, who are without a doubt the best in the country, for their support and commitment to our educational programs.

This year marked the 125th Anniversary of the Department of Obstetrics and Gynaecology at the University of Toronto and we were able to bring together over 100 former Faculty and Trainees to a special celebration in November. It was wonderful to see so many past and current Faculty and Staff reminisce and renew old friendships. I would like to thank Adrian Brown for his hard work in preparing this event and formally establishing the University of Toronto Department of Obstetrics and Gynaecology Alumni Society. It is my sincere hope that the tradition of bringing together our Alumni will continue on a regular basis.

This year was also a period of transition, as Filomena Meffe stepped down as Director of our Undergraduate Education Programs after 11 illustrious years and we welcomed Rajiv Shah into the role. This is an exciting time for Undergraduate Education in our Department, as the first complement of Senior Medical Students experienced their full clinical clerkship at Trillium Health Partners, in the Mississauga Academy. I would like to express my profound appreciation to Filomena for her commitment to our Department over the last 11 years and her important preparatory work for the new clerkship rotations. We also said farewell to Jenny Blake as a fulltime member of our Department; she has taken on the role of CEO of the Society of Obstetricians and Gynaecologists of Canada and we congratulate her on this new appointment.

We welcomed a number of new members to the Department this year who are listed on pages 5-9 of this Report. There were two new recruits to the MFM Division: Noor Ladhani at Sunnybrook Health Sciences Centre and Marie Czikk at Mount Sinai Hospital. We also had two basic

scientists join the Department at the Lunenfeld-Tanenbaum Research Institute: Andras Nagy, an internationally recognized stem cell investigator, and Oksana Shynlova, who brings expertise in myometrial physiology. The Department continues to grow in leaps and bounds and I am particularly pleased to see that we are successful in bringing new clinicians, teachers and scientists into our family across all of our sites.

This year was another very successful one in promotions, as Jon Barrett and Joan Murphy were promoted to full Professors and Cynthia Maxwell, Howard Berger and Danny Lovatsis were promoted to Associate Professors, effective July 1, 2013. It has been one of the most rewarding aspects for me, as Chair, to be able to recommend these incredibly accomplished clinicians, teachers and researchers for promotion as recognition of their academic contributions. We extend our sincere congratulations to each of these individuals. I also extend my hearty congratulations to each recipient of the Chair's and Undergraduate Teaching Awards. You will find them listed in the Honours section of this report. Janet Bodley was our Department's recipient of the APOG Carl Nimrod Educator of the Year Award, in recognition of her contributions to undergraduate, as well as postgraduate, education. We thank her, in addition, for her key role in establishing the Resident Wellness Program, which has been recognized locally and nationally as an innovative, essential and highly regarded approach to physician health. Congratulations, Janet!

Research Day was once again a great success, with a record number of abstract submissions. Dr. Zulfi Bhutta gave an outstanding Henderson Lecture on important issues related to global maternal-child nutrition. The presentations by trainees were all excellent and the recipients of the J W Knox Ritchie Research Awards are listed on page 100 of this report. We extend our congratulations to each of these trainees.

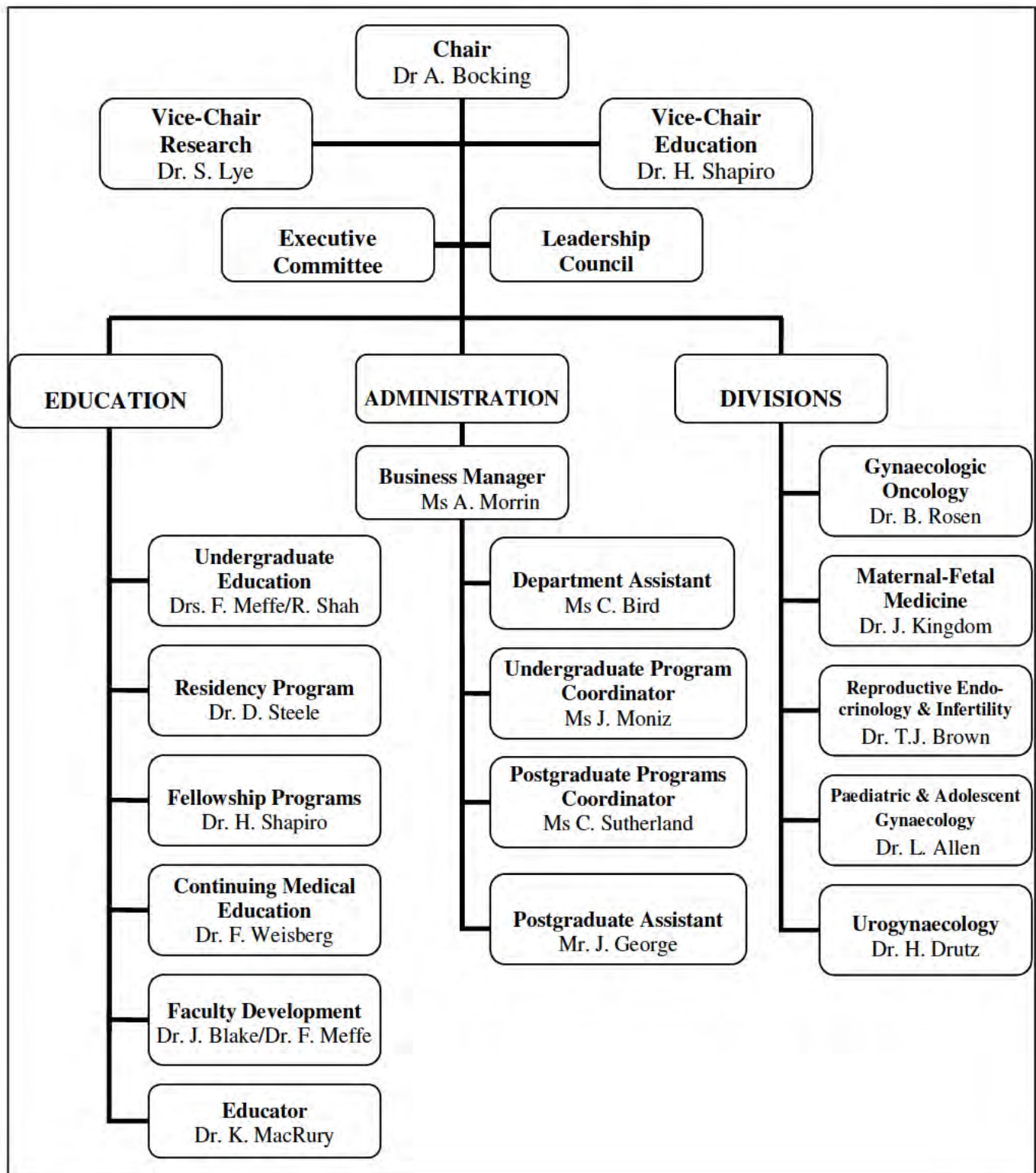
In closing, I hope that you enjoy reading about the collective accomplishments of our Department over the academic year, July 1, 2012 – June 30, 2013, and I would like to thank each and every Faculty and Staff member for the support and encouragement both for me personally and for the Department over the last 10 years. We would not be where we are today as a department without your contributions. Lastly, I wish my friend and colleague, John Kingdom, all the best as he takes over the position of Chair and I know that you will provide him with the same support that you have provided me.

Yours sincerely,



Alan D. Bocking, MD, FRCSC
Gordon C. Leitch Professor and Chair
Department of Obstetrics and Gynaecology

Department of Obstetrics & Gynaecology University of Toronto



FACULTY 2012-2013

Primary Appointments

Professors Emeriti

AD (Denny) De Petrillo
 Terence A Doran (Deceased)
 Douglas J Gare
 Walter J Hannah
 Gordon M Lickrish
 Ron A Livingstone
 JE (Ted) Morgan
 Jerry Shime



Associate Professors Emeriti

Titus Owolabi

Professors

S Lee Adamson
 Paul Bernstein
 Jennifer Blake
 Alan D Bocking - *Chair*
 Theodore J Brown
 Isabella Caniggia
 Robert F Casper
 Allan L Covens

Harold Drutz
 Dan Farine
 Mary E Hannah
 John Kingdom
 Guylaine Lefèbvre
 Stephen Lye
 Andras Nagy[†]
 JW Knox Ritchie

Barry Rosen
 Greg Ryan
 P Gareth R Seaward
 Mathew Sermer
 R Michael Shier
 Rory Windrim

Associate Professors

Lisa Allen
 Jon Barrett
 Adrian Brown
 Christine Derzko
 Alan Gerulath
 James Goodwin
 Ellen Greenblatt
 Elaine Herer

Andrea Jurisicova
 Sari Kives
 Rose Kung
 Clifford L Librach
 Kay Lie
 Filomena Meffe
 K Joan Murphy
 Kellie E Murphy

Nanette Okun
 Richard Pittini
 Heather Shapiro
 Michael Sved
 Artin Ternamian
 Wendy Wolfman
 Mark Yudin
 Arthur Zaltz

Assistant Professors

Hani Akoury
 May Alarab
 Oluleke Badmos
 Marshall Barkin
 Samir Batarseh
 Yaakov Bentov
 Howard Berger
 Marcus Bernardini
 Janet Bodley

Nicolette Caccia
 Kenneth Cadesky
 Dennis K. Chu
 E Anne Claessens
 Howard Cohen
 Barbara Cruickshank
 Marie Czikk[†]
 Marjorie Dixon
 Jason Dodge

Xuesen Dong
 Nancy Durand
 William A Easton
 Frederic A Engle
 Navid Esfandiari
 Michèle Farrugia
 Sarah Ferguson
 Tatiana Freire-Lizama
 Lilian Gien

FACULTY

Primary Appointments cont'd

Assistant Professors cont'd

Karen Glass	Elliott Lyons	Jodi Shapiro
Mathias Gysler	Katherine MacRury	Prati Sharma
Peter Hawrylyshyn	Ann Kinga Malinowski	Oksana Shynlova [†]
Man Fan Ho	Adelmo Martoglio	Sony Sierra
Stephen Im	Cynthia Maxwell	Dana Soroka
Johannes Keunen	Colleen McDermott	Rachel Spitzer
Murray Kroach	Eva Mocarski	Donna Steele
Rachel Kupets	Sergey Moskovtsev	Wilf Steinberg
Elyse Lackie	Ori Nevo	Karen Tessler
Noor Ladhani [†]	Robert D Nicholson	Bruce W Thomas
Stephane Laframboise	Melanie Ornstein	Jackie Thomas
Evelyn Lambe [‡]	L Ray Osborne	Modupe Tunde-Byass
Andrea Lausman	Wusun Paek	Danielle Vicus
Patricia Lee	Nicholas Pairaudeau	Fay Weisberg
Elyse Levinsky	Deborah Robertson	Wendy Whittle
Grace Liu	Ian Rogers	Herb Wong
Kimberly Liu	David Rosenthal	Suzanne Wong
Danny Lovatsis	Rajiv Shah	Brenda T Woods

Adjunct Professors

Kofi Amankwah[†]
 Craig Pennell
 Felice Petraglia
 Paul Thistle

Adjunct Assistant Professors

Samuel Charles (Peter) Bryson[†]

Lecturers

Anjali Aggarwal	Jennifer Cram	Allan Kanee
Rebecca Arthur	Lanval (Joe) Daly	Angela Kang
Clarissa Bambao	Alfonso Del Valle Rebeil	Yolanda Kirkham
Ari Baratz	Anthony Di Pierdomenico	Danny Kreichman
Dalip Kumar Bhangu	Patricia Doyle	Jamie Kroft
Veena Bonde	Marianne R Duemler	Sabrina Lee
Yoav Brill	Maja Gans	Sylvie Leone-Tomaschoff
Melanie Caetano	Dimitrios Giannoulis	Patrick M Liao
David Caloia	Gwendolyn Goodrow	Terry Logaridis
Paul Chang	Beata Grygowski	Roberta Mackenzie
Nicole Cherry	Paul Gurland	Tara MacLeod
Astrid Christoffersen-Deb	Ronnie Hakim	Erica Mantay
Kelly Chu [†]	Helen Ho	Mary Melchior
Aleksandre Corbey	Dini Hui	Matthew Morton
Catherine Ann Cowal	Sybil Judah	Kerry Myckan

FACULTY

Primary Appointments cont'd

Lecturers cont'd

Alexandra Nevin Lam
 Perry Phillips
 Elin Raymond
 Kimberly Rogers
 Nathan Roth
 Edward Ryan
 Abheha Satkunaratnam
 Peter W. Scheufler
 Amanda Selk

Kendra Newell[†]
 Nicholas Shilletto
 Eliane Shore
 Paul Shuen
 John Robert Smith Kirsten
 Smith
 Richard Stein
 Linda Stirk
 Melissa Tai

Esther Park
 Scott Tigert
 Carol Wade
 Peter Watt
 Georgina Wilcock
 Jeremy C Wong
 Lynne Zolis

Adjunct Lecturers

George Arnold
 Shannon Causey
 Mary Cheng
 Stacy Costa
 Joseph Cramer
 Kristina Dervaitis[†]

Kurt Christopher Giede[†]
 Jevan Ko
 Asha Kurup
 Joanne Ma
 Haidar Mahmoud
 Enrique Reyes

Jan Scheeres
 Michael Silver
 Gita Singh
 Vincent Wu
 Gonzalo Zevallos[†]

[†]New appointment

[‡]Joint appointment with Department of Physiology



FACULTY

Cross Appointments

University Professors Emeriti

John Challis - Physiology

Professors Emeriti

Jerald Bain - Medicine
 Joseph T. Clarke[†] - Paediatrics
 Anne Kenshole - Medicine
 Arne Ohlsson - Paediatrics
 Maire E. Percy - Physiology

Professors

Denise Belsham	-	Physiology	Shoo Lee	-	Paediatrics
José Carvalho	-	Anaesthesia	Michelle Letarte	-	Immunology
William B. Chapman	-	Laboratory Medicine & Pathobiology	Stephen Matthews	-	Physiology
David A. Chitayat	-	Paediatrics	Steven Narod	-	Public Health Sciences
Terence Colgan	-	Laboratory Medicine & Pathobiology	Amit Oza	-	Medical Oncology
Jack Marc Colman	-	Medicine- Cardiology	Lyle Palmer	-	Public Health
Anthony W. Fyles	-	Radiation Oncology	Gail Robinson	-	Psychiatry
Stephen Halpern	-	Anaesthesia	Janet Rossant	-	Molecular Genetics
Mahmoud Khalifa	-	Laboratory Medicine & Pathobiology	Sam Siu	-	Medicine
			Donna Stewart	-	Psychiatry
			Gillian Thomas	-	Radiation Oncology
			Ants Toi	-	Medical Imaging
			Rosanna	-	Molecular Genetics
			Weksberg		

Associate Professors

Ida Ackerman	-	Radiation Oncology	Carl Laskin	-	Medicine/ Immunology
Elizabeth Asztalos	-	Paediatrics	Joel Ray	-	Medicine
Michael Dunn	-	Paediatrics	Shia Salem	-	Medical Imaging
Denice Feig	-	Medicine	Patricia Shaw	-	Laboratory Medicine & Pathobiology
Katherine Fong	-	Medical Imaging			
Phyllis Glanc	-	Medical Imaging	Andrew T. Shennan	-	Paediatrics
Stephen Holzapfel	-	Family & Community Medicine	Candice Silversides [†]	-	Medicine
Sarah Keating	-	Laboratory Medicine & Pathobiology			

FACULTY

Cross Appointments cont'd

Assistant Professors

Tony Barozzino - Paediatrics

Sandra Viero - Laboratory
Medicine
& Pathobiology

Karen Chong - Paediatrics

Rachel Wald - Paediatrics

Michael Sgro - Paediatrics

Martin Skidmore - Paediatrics

Adjunct Professors

Lynn Allen - Laboratory
Medicine
& Pathobiology

Adjunct Lecturers

Nina Venkatarangam - Family & Community
Medicine/Clinical Biochemistry

†New appointment

ADMINISTRATIVE STAFF

Business Manager

Arleen Morrin

Department Assistant

Cherryl Bird

Coordinator of Undergraduate Program

Jeannette Moniz

Coordinator of Postgraduate Programs

Caroline Sutherland

Department Assistant

Joseph George



RESIDENTS

PGY 1

Nasser Abu Awad
 Menat Attia
 Marie Coroneos
 Lara Gotha
 Lacey Harding
 Ingrid Lai
 Mathew Leonardi
 Pamela Liao
 Carmen McCaffrey
 Chaula Mehta
 Julie Nguyen
 Kirsten Niles
 Aparna Sarangapani
 Lynn Sterling
 Marta Wais



PGY 4

Melanie Campbell
 Brian Ferguson
 Helena Frecker
 Louise-Helene Gagnon
 Alice Han
 Julia Kfoury
 Kelsey Mills
 Leslie Po
 Priya Sharma
 Laura Sovran
 Evan Taerk

PGY 2

Jessica Green
 David Gurau
 Umami Habiba
 Adrienne Li
 Rebecca Menzies
 Laura Noack
 Rebecca Rich
 Michael Selter
 Alison Shea
 Andrea Simpson
 John Snelgrove
 Liane Tan
 Julie Thorne

PGY 3

Emily Baker
 Kimberly Bremer
 Caroline Chan
 Amanda Cipolla
 Paulina Cybulska*
 Courtney Jolliffe
 Genevieve Lennox
 Brian Liu
 Karli Mayo
 Heather Millar
 Stephen Morris
 Muhseen Yusuf

PGY 5

Stephanie Backman
 Genevieve Bouchard-
 Fortier
 Harry Brar
 Daniela Caprara
 Crystal Chan
 Salikah Iqbal
 Naana Jumah
 Tharani Kandasamy
 Noushin Khoshbakht
 Shannon Moore
 Lamide Oyewumi
 Jing Qin
 Lindsay Shirreff

*Clinician Investigator Program



CLINICAL FELLOWS

PROGRAM AND DIRECTOR

ADVANCED OBSTETRICS

P. Gareth Seaward

ADVANCED HIGH-RISK OBSTETRICS

St Michael's Hospital

Howard Berger

GYNAECOLOGIC ENDOSCOPY

Artin Ternamian

GYNAECOLOGIC ONCOLOGY (RCPSC)

Allan Covens

GYNAECOLOGIC REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY (RCPSC)

Barbara Cruickshank

MATERNAL-FETAL MEDICINE (RCPSC)

Cynthia Maxwell

FELLOWS

John Naguib Eid Ibrahim
Shadha Hussein Jawad Al-Hawash

Nir Melamed

Brenda Sohn

Lua Eiriksson
Tomer Feigenberg
Rory Mcvey
Clare Reade
Yakir Segev
Sarah Sinasac

Claire Jones
Nicole Paterson

Ali Al Ibrahim
Sawsan Al Obaidly
Darine El Chaar
Rohan D'Souza
Rinat Hackmon
Mary Higgins
Ryan Hodges
Richard Horgan
Tiffany Hunter
Nir Melamed
Anne Maude Morency
Na Tisha Robinson
Tim Van Meighem

PROGRAM AND DIRECTOR**FELLOWS****MINIMALLY INVASIVE GYNAECOLOGICAL SURGERY****St. Michael's Hospital**

Guylaine Lefèbvre

 Marianne Boutet
 Catherine Tremblay
 Heinrich Husslain
 Eliane Shore
MINIMALLY INVASIVE GYNAECOLOGICAL SURGERY (AAGL*)**Sunnybrook Health Sciences Centre**

Rose Kung

Miriam Ang

PAEDIATRIC AND ADOLESCENT GYNAECOLOGY**Hospital for Sick Children**

Sari Kives

Yolanda Kirkham

REPRODUCTIVE SCIENCES**TCART**

Robert Casper

 Lucy-Ann Behan
 Anat Hersko-Clement
 Frederic Mitri
 Nayana Talukdar
 Amir Weintraub
REPRODUCTIVE SCIENCES**CRaTe**

Clifford Librach

 Shir Dar
 Tal Lazer
 Ekaterina Shlush
 Basheer Al Kudmani
UROGYNAECOLOGY**Mount Sinai Hospital**

Harold Drutz/ Danny Lovatsis

 Seham Hassonah
 Sebastian Medel
UROGYNAECOLOGY**Sunnybrook Health Sciences Centre**

Rose Kung

Katherine Lo

MATURE WOMEN'S HEALTH & MENOPAUSE**Mount Sinai Hospital**

Wendy Wolfman

 Faiza Al-Gethami
 Debra Evaniuk

*American Association of Gynecologic Laparoscopists

COMMITTEES

Executive Committee & Appointments Committee

- A.D. Bocking - *Professor and Chair
Obstetrician and Gynaecologist-in-Chief,
Mount Sinai Hospital/University Health Network*
- L. Allen - *Head, Division of Paediatric and Adolescent Gynaecology
Site Chief, Women's College Hospital*
- A. Brown - *Community Affiliate Hospital Representative
Chief, North York General Hospital*
- T. J. Brown - *Head, Division of Reproductive Sciences and Chair, Research Committee*
- J. Kingdom - *Head, Division of Maternal-Fetal Medicine*
- G. Lefebvre - *Obstetrician and Gynaecologist-in-Chief, St. Michael's Hospital*
- S.J. Lye - *Vice-Chair, Research*
- F. Meffe/ - *Chair, Undergraduate Education Committee*
- R. Shah
- B. Rosen - *Head, Division of Gynaecologic Oncology, Princess Margaret
Hospital/University Health Network*
- M. Sermer - *Interim Chief, Mount Sinai Hospital/University Health Network/Women's
College Hospital*
- H. Shapiro - *Vice-Chair, Education*
- D. Steele - *Chair, Residency Program Committee*
- F. Weisberg - *Chair, Continuing Medical Education Committee*
- A. Zaltz - *Interim Chief, Sunnybrook Health Sciences Centre*

Undergraduate Committee

- | | | |
|--|--------------|-----------|
| F. Meffe, <i>Chair (To May 2013)</i> | R. MacKenzie | M. Sved |
| R. Shah, <i>Chair (As of May 2013)</i> | K. MacRury | S. Tigert |
| E. Baker | K. McLean | S. Lee |
| D. Bhangu | U. Mohan | M. Yusuf |
| T. Freire-Lizama | M. Morton | |
| L. Hawkins | R. Pittini | |
| D. Hui | K. Smith | |
| M. Leonardi | D. Soroka | |

Residency Program Committee

- | | | |
|-------------------------|--------------------------|------------------------|
| D. Steele, <i>Chair</i> | J. Dodge | H. Shapiro |
| A. Aggarwal/M. Ornstein | M. Farrugia | J. Shapiro |
| C. Bambao | L. Harding (PGY1) | D. Soroka |
| A. Bocking | Kives S./Y. Kirkham | J. Thomas |
| J. Bodley | K. MacRury | M. Yudin |
| A. Cipolla (PGY3) | S. Moore/S. Iqbal (PGY5) | L. Zolis/N. Pairaudeau |
| A. Corbey | R. Rich (PGY2) | |
| D. Hui | L. Sovran/K.Mills (PGY4) | |

Research CommitteeS. Lye/T.J. Brown, *Chair*

S.L. Adamson

J. Barrett

A. Bocking

T. Brown

I. Caniggia

R. Casper

A. Covens

J. Kingdom

R. Kung

E. Lambe

C. Librach

S. Matthews

K.E. Murphy

D. Steele

R. Windrim

M. Yudin

Fellowship Directors CommitteeH. Shapiro, *Chair*

H. Berger

A. Bocking

R. Casper

A. Covens

B. Cruickshank

H. Drutz

R. D'Souza

D. Hui

S. Kives

P. Lee

G. Lefèbvre

C. Librach

D. Lovatsis

K. MacRury

C. Maxwell

C. Reade

G. Seaward

D. Steele

A. Ternamian

W. Wolfman

H. Wong

Promotions CommitteeJ. Kingdom, *Chair*

L. Allen

T.J. Brown

A. Covens

G. Lefèbvre

R. Pittini










P.G. Seaward





HOSPITAL STATISTICS

July 1, 2012 to June 30, 2013

	SMH	MSH/UHN	SHSC	TEGH	HSC	NYGH	SJHC	THP	WCH
									
Total deliveries	2,905	6,644	3,167	3,432	NA	6,072	3,167	8,772	NA
Caesarean section rate	27.5%	35.1%	32.2%	24%	NA	28%	32.2%	25.5%	NA
Total gynaecology procedures (minor and major)	1,427	5,234	1,553	2,075	109	2,115	1,553	9,235	1,528
Clinic visits (excluding private office visits)	52,738	109,027	2,519	15,971	2,453	14,075	2,519	1,478	5,640
Number of obstetrics beds	22*	70	26	32	NA	56	26	87 [‡]	NA
Number of gynaecology beds	9	20	16	59 [†]	0	39 [†]	16	10	0

*Does **not** include an additional 10 Labour, Delivery, Recovery and Post Partum (LDRP) beds

†Shared with other surgical specialties

‡Includes 27 birthing suites

SMH – St. Michael’s Hospital

MSH/UHN – Mount Sinai Hospital/University Health Network

SHSC – Sunnybrook Health Sciences Centre

TEGH – Toronto East General Hospital

HSC – Hospital for Sick Children

NYGH – North York General Hospital

SJHC – St. Joseph’s Health Centre

THP – Trillium Health Partners (Credit Valley Hospital, Mississauga Hospital and Queensway Health Centre)

WCH – Women’s College Hospital

NA – Not Available/Applicable



DIVISIONS

Division of Gynaecologic Oncology

Barry Rosen, Division Head

After 20 years based in the Sunnybrook Health Sciences Centre and the University Health Network/Princess Margaret Hospital (PMH), the Division of Gynaecologic Oncology has expanded to include Trillium Health Partners in Mississauga at the Credit Valley site. This development allowed us to integrate into the Carlos Fidani Cancer Centre and offer surgical subspecialty care to a large population of women in their own community. It has also made it possible to recruit two new Gynaecologic Oncologists; Dr Samar Nahas, a clinician-teacher, and Dr Tomer Feigenberg, a clinician-investigator, based at the Mississauga Academy of Medicine. The Division has developed a full clinical and academic program at Mount Sinai Hospital and we have recruited Dr Taymaa May, a clinician-investigator, to work at UHN/PMH. We have expanded, in collaboration with Ontario Cancer Care, in response to high surgical wait times and our four units have begun collaborating clinically and in research and education. The Trillium Health Partners group shares tumour boards with Sunnybrook and has been developing clinical guidelines in conjunction with Sunnybrook and PMH.

In 2012, the Division used McArthur Foundation funding for three collaborative projects between Sunnybrook and PMH, in future to include all our sites. Dr Bernardini (UHN) and Dr. Gien (SHSC) are co-PIs on a surgical study comparing outcomes in endometrial cancer between women undergoing minimally invasive surgery, either robotic or laparoscopic, or open surgery. This study now includes six centres across Canada. The second project, with Co-PI's, Dr Ferguson (UHN) and Dr Vicus (Sunnybrook), seeks to determine the prognostic importance of sentinel nodes in women with high risk of endometrial cancer. The third project evaluates use of minimally invasive surgery for endometrial cancer in Ontario, with co PI's Drs Gien and Bernardini. All our groups participate in clinical trials: Sunnybrook enters patients into the Gynaecologic Oncology Group, led by NCI in the United States. At PMH patients are entered into Canadian NCIC trials. Phase 1 and 2 new drug trials are coordinated and led by Dr Amit Oza. Dr Bernardini's GOC2 study, at PMH and Sunnybrook, has expanded to seven centres.

The Division participates in undergraduate and postgraduate education and has the largest fellowship training program in Canada, with over 55 fellows in the last 20 years. Our Royal College-approved program was reviewed this year and certified for another six years. Drs Rosen and Covens travelled to Kenya to train two gynaecologists in oncology care, and in September 2012 Moi University initiated a 2 year gynaecologic oncology fellowship training program led by Dr Rosen. The first subspecialty training program at Moi University, it seeks to establish sustainable clinical care for women with gynaecologic malignancies in Western Kenya.

A key Division initiative is the development of a uniform clinical database across all sites by introducing point-of-care data collection using synoptic OR and clinical notes. If successful, this will provide comprehensive data on all patients to be used for quality of care and research. Dr Ferguson has taken on the leadership role in research at PMH. Dr Joan Murphy continues as the clinical lead at CCO for cervix cancer screening in Ontario and was promoted to full Professor.

We are very optimistic about the future for gynaecologic oncology at the University of Toronto and growth in all facets of our activities.

Division of Maternal-Fetal Medicine

John Kingdom, Division Head



The 2012-2013 academic year was my first (and only) as Head of the Maternal-Fetal Medicine Division.

During this time, the Division welcomed two graduates of our Residency and Fellowship programs, Dr Noor Ladhani, who also holds a Harvard MPH, and has joined the Sunnybrook campus to focus on clinical epidemiology, and Dr. Marie Czikk, with a MSc in perinatal sciences from Western University, joining Mount Sinai Hospital to focus on the prevention of preterm birth program and inpatient perinatology. Both new Division members recently passed their Royal College sub-specialty examinations.

Dr Hani Akoury departed from the Sunnybrook campus to assume the position of Chief of Obstetrics & Gynaecology at St. Joseph's Hospital, University of Toronto.

Under the very capable leadership of Dr. Cynthia Maxwell, our fellowship program was re-accredited for 7 years by the Royal College of Physicians and Surgeons, with no deficiencies identified. An impressive achievement, since it is very rare for a survey to regard the "jewel of our Division" so highly. Dr. Cindy Maxwell has extended her role in Fellowship Education by joining the Royal College Examination Committee for Maternal-Fetal Medicine, effective July 2012, for a 5 year term.

The fellowship program continues to attract strong applicants from all over the globe. Four fellows graduated this year: Dr Na Tisha Robinson, who is returning to Barbados; Dr. Tim van Meighem, returning to Belgium; Dr. Ali Al-Ibrahim, returning to Saudi Arabia, Dr. Mary Higgins, returning to Ireland, Dr. Sawsan Al Obaidly returning to Qatar; and Dr. Rinat Hackmon, from Israel, moving to the USA.

The Division was well represented at the January 2013 Society for Maternal-Fetal Medicine meeting, with highly-prestigious plenary oral presentations involving research by Dr. Jon Barrett, Dr Kellie Murphy and colleagues in clinical epidemiology research. One of these abstracts was the public presentation of the results of the Twin Birth Study; we look forward to publication in a major journal later in 2013.

In June 2013, two of our Division members were promoted to Associate Professor, Cindy Maxwell and Howard Berger. Congratulations and well-deserved!

Our publications continued to be strong and can be viewed by author in this publication.

As of July 1st, I will assume the position of Chair of the Department, and look forward to handing on the Division Head position in the fall.

We have had a good year and continue to do great things together in the service of women facing complex pregnancies.



Division of Paediatric and Adolescent Gynaecology

Lisa Allen, Division Head

Introduction: The Division of Paediatric and Adolescent Gynaecology (PAG) includes Division head Lisa Allen, and staff members Anjali Aggarwal, Nicolette Caccia, Sari Kives, Ali Nevin, and Rachel Spitzer. Maintaining a diverse practice in common conditions and rare challenges, the Division, including the adolescent pregnancy program, provides over 2500 ambulatory visits annually, and attracts national and international referrals to its surgical complex anomalies program. It links with two new community PAG clinics at North York General Hospital and at Toronto East General Hospital. In these clinics children and adolescents receive care closer to home.

The program, along with Women's College Hospital, has worked collaboratively to develop a transitional program for young women. Young women at the age of 17 are now transitioned to the new Young Women's Gynaecology Program for the reproductive health care of women ages 17 to 25 at Women's College Hospital, under the direction of Dr. Yolanda Kirkham.

The Division continues to thrive under a new model of disseminated leadership. Each member has taken on expanded administrative responsibilities.

Highlights: We continue to fulfill our mandate to enhance the gynaecologic care of children and adolescents through education and research. Our fellowship program attracts strong applicants and we educate residents and trainees from other subspecialties. We participate with other fellowship programs in Canada and the United States in the North American Pediatric Gynaecology Fellowship match.

The second Carol Cowell Lectureship in Paediatric Gynaecology at the University of Toronto highlighted original research done by the Division of Paediatric Gynaecology in the management of ovarian masses and ovarian torsion.

The provincial, national and international presence of our members continues to be strong: Dr. Allen continues as Co-Chair of CANPAGO and Dr. Spitzer is the Ontario representative. Dr. Aggarwal is a member of the Social and Sexual Issues Committee. Dr. Kives is Co-Chair of the International Women's Health Committee of the SOGC, and Drs Aggarwal and Spitzer are members. Dr. Allen continues as a member of the subspecialty committee of APOG. Drs. Kives and Allen continue to serve on the Board of NASPAG, where Dr. Allen was Co-Chair of the Education Committee and Dr. Kives a member of the Abstract Committee. Dr. Allen was the SOGC liaison to the American College of Obstetricians and Gynaecologists Adolescent Health Committee.

Honours: Dr. Allen has been chosen as President Elect for the North American Society of Pediatric and Adolescent Gynecology.

Future Initiatives: We look forward to the strategic planning process of the Department of Obstetrics and Gynaecology at the University of Toronto. This opportunity will allow the development of a strategic direction for the next 5 to 10 years for the Division.

Division of Reproductive Endocrinology and Infertility

Theodore J. Brown, Division Head



Introduction: The Division is comprised of 25 Department members, including board-certified and non-board certified subspecialty-trained academic clinicians, clinician-scientists, and translational/basic scientists whose activities are focused on clinical care and/or research associated with female reproductive endocrinology or infertility. Members of the REI Division operate five independent fertility clinics offering a full range of diagnostic services, with four of these having on-site state-of-the-art embryology and andrology laboratories. An additional clinical highlight in the Division is the Mature Women's Health & Menopause Clinic, initiated and headed by Dr. Wendy Wolfman. In addition to providing focused care, these clinics provide the Department training in REI for Medical Students, Residents, and Fellows. Division members offer fellowship training through a GREI-accredited Fellowship Program at the Centre for Fertility and Reproductive Health (at MSH) and two independent non-accredited REI Fellowship Programs at CREATe and TCART. We also offer a two-year non-accredited fellowship in mature women's health.

Highlights: Division members engage in a wide variety of research projects, both as principal investigators and as co-investigators with members of other Department Divisions, and other University Departments. During the academic year, Division members held numerous external peer-reviewed grants from national funding agencies and from industry, including nine from CIHR, two from NSERC, two from NIH, and seven large industrial or foundation grants. Members of the Division also initiated a novel graduate course, through the Department of Physiology, that integrates PGY4 residents with graduate students, titled Reproductive and Developmental Medicine (PSL1022). This seminar-based course capitalizes on the academic strengths and clinical expertise within the entire Department and offers graduate students a greater appreciation of the most salient problems facing the clinical management of disorders linked to the human reproductive system, and exposes Clinical Residents to the underlying basic mechanisms and research approaches used to address questions in reproduction.

Honours: Dr. Robert Casper was honoured by receiving an Excellence in Research Award from the Association of Professionals in Obstetrics and Gynaecology (APOG) at their annual meeting held in December 2012. This prestigious award recognizes Dr. Casper's major contributions to OB/GYN research and his contributions to Resident and Fellow research training. Dr. Ellen Greenblatt was awarded an EMD Sero Grant for Fertility Innovation for her work with Dr. Crystal Chan on biomarkers for endometrial receptivity.

Future Initiatives: Collectively, the infertility clinics associated with the REI Division perform nearly 30% of all IVF cycles performed in Canada, which offers the ability to conduct definitive clinical trials in infertility. As the Division moves forward in the coming year, we will work to establish a forum to encourage collaborative research efforts across our clinics to take advantage of our collective strengths. To further promote collaborations and to enhance Fellow training, we are working to desegregate our Fellowship programs by providing venues to discuss nascent research and key published research and clinical advances relevant to REI.



Division of Urogynaecology

Harold Drutz, Division Head

The Division of Urogynaecology at the University of Toronto constitutes the university program in “Female Pelvic Medicine and Reconstructive Pelvic Surgery (FPMRS)”. The program teaches and trains medical students (Core and Elective) and Core and Elective Residents in Obstetrics and Gynaecology and Urology from the University of Toronto and other national and international universities. Mount Sinai Hospital, with a branch at the Baycrest Geriatric Centre (BGC), offers a three year postgraduate fellowship training program with two clinical years of training and one year of basic science and clinical research training. St. Michael’s Hospital and Sunnybrook Health Sciences Centre offer a two year fellowship training program.

Faculty members at Mount Sinai Hospital are: Drs. Harold P. Drutz (MSH and BGC), Danny Lovatsis (MSH/WCH), May Alarab (MSH and BGC) and William Easton and Phaedra Diamond (Associate Staff at Scarborough Centenary Hospital). Dr. May Alarab heads our Basic Science Research Program, with the collaboration of Oksana Shynlova (PhD Basic Science Researcher). At St. Michael’s Hospital there are two trained sub-specialists at FPMRS (Dr. Dana Soroka and Colleen McDermott, Division Head). Drs. Guylaine Lefèbvre, Sari Kives, Abheha Satkunaratnam and Deborah Robertson are the subspecialists at Minimally Invasive Gynaecologic Surgery (MIGS). At Sunnybrook, Drs. Patricia Lee, Janet Bodley and Rose Kung are the full time Urogynaecology Faculty and are part of a group of eight MIGS surgeons, including Drs. Kai Lee, Grace Liu, Herb Wong, Jamie Kroft and Mary Melchior at St. Joseph’s.

Highlights: The Group at Mount Sinai published nine peer-reviewed papers and had eight presentations at national and international meetings. The Group at Sunnybrook had fifteen publications (abstracts and papers) and participated in twenty presentations. The Group at St. Michael’s had four presentations and three publications. Mount Sinai has six peer-reviewed funded research grants and Sunnybrook has two grants.

At Sunnybrook, Jamie Kroft was awarded an SCAC-ERC Educational Research and Scholarship Grant and she also completed the Masters in Clinical Epidemiology at McMaster University. Patricia Lee completed a Masters in Law at Osgoode Hall. Grace Liu was awarded the Chair’s Award for Postgraduate Education. At St. Michael’s, Guylaine Lefèbvre was awarded the Queen’s Diamond Jubilee medal.

At Mount Sinai Hospital, Oksana Shynlova, PhD has become part of the Division of Urogynaecology and is actively involved in basic science research into pelvic floor disorders. At St. Michael’s Hospital, fellows pursue research interest in conjunction with staff supervision in the areas of surgical education/simulation, MIGS techniques and surgical outcomes related to pelvic floor surgery. At Mount Sinai plans are ongoing to set up a program for an anorectal motility lab to investigate defecatory disorders.

The university program plans to further integrate the three academic sites into a unified program that will include the Urogynaecologists at the affiliated GTA sites.

PROGRAMS

Undergraduate Medical Education

Rajiv Shah, Director



Introduction: The Undergraduate Medical Education Committee is committed to ensuring excellence in teaching and training of our medical students by offering a diverse experience in the clerkship. The Committee meets once a month to discuss issues affecting undergraduate education, to create innovative educational strategies for the curriculum, generate guidelines and respond to course evaluations, all with the goal of enhancing the student experience. The Committee consists of Student and Resident Representatives, Clerkship Site Coordinators, the Undergraduate Director, Chair, Departmental Educator and Faculty Educational Advisor.

Highlights:

- The Committee would like to thank Dr. Filomena Meffe for her 11 years of dedication and hard work as the former Undergraduate Director. Her commitment and vision have certainly shaped and strengthened our Undergraduate program.
- We are excited to announce that the Mississauga Academy of Medicine (MAM) has started its first block of Clerkship. We would like to thank all those who were involved in supporting and assisting the Academy and its Faculty and are confident that students will have an outstanding educational experience. We are also delighted that Toronto East General Hospital is now offering a two week sub-rotation to our students. Student feedback has been very positive regarding that experience.
- We have begun videoconferencing all clerkship seminars between the Academies and community hospitals to decrease student travel time and to allow for more clinical time at their community placements. This has been a challenge to set up but we feel that our students will ultimately benefit from everyone's hard work.
- The Committee on Accreditation of Canadian Medical Schools visited the University of Toronto in May of 2012. The MD program received full accreditation for another eight-year term. We thank all those who were involved.

Honours: It is a pleasure to acknowledge our 2012-2013 student award winners and to recognize their hard work, dedication and commitment to our specialty. Congratulations!

Dr. Jacob Goldstein Scholarship: Brenna Ammons

Hendry Memorial Scholarship: Uthra Mohan

Dr. Frederick R. Papsin Award: Toni Burbidge

Future Initiatives: The future of undergraduate medical education remains dynamic and exciting. Electronic teaching modules and simulation will begin to play a greater role in students' education. Students will have greater opportunities for self-teaching and their clinical experience will continue to consolidate their expanding knowledge. To provide a uniform experience for all our students, we hope to standardize much of the rotation so as to decrease variance and allow for best teaching and learning practices. We will review the curriculum and evaluation processes in the coming year to strengthen our educational program. We will also continue to work and support our faculty at the Mississauga Academy as they expand their clerkship program.



Residency Training Program

Donna Steele, Director

Introduction: For 2012-2013, 62 residents participated at 9 clinical sites in our Residency Program. The Residency Program Committee, comprising faculty and resident representation from each year, plans and oversees a quality educational experience designed to produce excellent practitioners in Obstetrics and Gynaecology, as well as future leaders and researchers.

Highlights: On April 8 and 9, 2013, the Royal College Accreditation Survey team conducted a site review of our Residency Program and granted it “Accredited Program” status with standard review in six years. Six strengths were identified, including a productive and responsive Residency Program Committee, a rich and varied clinical experience that includes a Global Health elective, a comprehensive academic program, and an innovative Wellness Team. I would like to thank the many contributors to this successful outcome.

From Dec 2012 to June 2013, the Night Float Committee worked on refining the Night Float call system, which addresses decreased Resident Duty Hours, as outlined by the Royal College, and greater work/life balance. Residents are scheduled to be on call overnight from Monday to Thursday for 3 consecutive weeks, once every three-month block. Presented to and approved by PARO in February, 2013, we plan to introduce this system at the three core sites of Mount Sinai, St. Michael’s and Sunnybrook hospitals on July 1, 2013, and we will revise as feedback indicates.

The first year of the new two-year Academic Half Day curriculum was completed with excellent Resident feedback. Two hours are faculty driven and one hour resident driven, reviewing seminal papers and guidelines. Specific objectives cover Medical Expert content and other Can Meds roles. A new Graduate Course, “Reproductive and Developmental Medicine”, for PGY4s in conjunction with graduate students, was developed, taught and well received and provides excellent preparation for the Royal College exams. Our inaugural revamped Journal Club was initiated February 2013 and takes place quarterly, following an Academic Half Day. Under the guidance of a Faculty facilitator, four Residents critically appraise a paper in pairs.

Twelve new PGY1s will join our program in July 2013. Congratulations to our 12 PGY5s who successfully completed the Royal College exams in May 2013. We wish them all the best in their future endeavours.

Honours: Congratulations to our residents: Shannon Moore (PGY5) and Lindsay Shirreff (PGY5) who received the Dr. Frederick R. Papsin Award; Heather Millar (PGY3), Laura Sovran (PGY4) and Salikah Iqbal (PGY5) for the Excellence in Undergraduate Teaching Award; and to our Faculty: Michèle Farrugia, who was awarded the Neelam Sierra Resident Advocacy Award and Jackie Thomas, the CREOG Teaching Award.

Future Initiatives: We are moving from time-based residency programs toward Competency-Based Medical Education (CBME). To complete the residency program and the Royal College exam, a resident will be required to achieve a set of specific competencies or “milestones” providing clearly defined targets for learning and assessment. We also are rolling out a Transition to Practice rotation for our PGY5s to focus on skills needed to transition from residency to independent practice. Our program will be involved in the validation of a Laparoscopic Skill Curriculum as part of a Master’s research project developed by Eli Shore.

We welcome a new member to our team, Joe George, Department Assistant, as of June 2013.



Fellowship Training Programs

Heather Shapiro, Vice-Chair, Education

Introduction: Fellowship training continues to be one of the great strengths of the Department, developing relationships with colleagues around the world and preparing our future Faculty. The Fellowship Directors Committee also strengthens relationships within the Department with membership from every subspecialty and site. The committee meets quarterly and focusses on continuous improvement of the fellowship experience. Membership includes trainees, whose perspective is invaluable.

Highlights: We have Fellows in every subspecialty (see pages 11-12). The Department trained 45 Fellows in 2012-13, and our numbers grow each year. This year's Fellows' seminars continue to bring Fellows across the city together for excellent learning and camaraderie.

Honours: Fellows' success in research and publications can be found within the reports of their respective Divisions and in all parts of the Annual Report.

Future Initiatives: We are developing an exit survey for Obstetrics and Gynaecology Fellows to better compare their experience to those in other departments in the University.





Continuing Medical Education

Elizabeth Gan, CME Administrative Course Director

Our sincere thanks to Dr. Fay Weisberg, who has chaired Continuing Medical Education for the last several years.

In partnership with CEPD (Continuing Education and Professional Development), the Department of Obstetrics and Gynaecology strives to strengthen the quality of life-long education of physicians and health care providers locally, in Canada and around the world. Our mission, through education, is to develop and equip health leaders in the area of women and infant health through research and the dissemination of the most up-to-date and relevant knowledge.

Locally, inter-hospital rounds were held on a monthly basis and were successfully webcast throughout hospitals in the Greater Toronto area. We are thankful for the technology available to do this and are looking forward to how we might expand our use of technology in the future.

2012 – 2013 was another impressive year for postgraduate education. Our sincere appreciation and recognition go to the following individuals who committed significant time and effort to develop the outstanding programs listed below:

2012-2013 CME Courses

John Kingdom and Greg Ryan	4th Bi-Annual Fetal Medicine Update	October 2012
Joan Murphy	Cervical Cancer Screening & Colposcopy Update	November 2012
Jackie Thomas	8th Annual Everyday Gynaecology	November 2012
Dan Farine	9th Annual Obstetrical Malpractice A Survival Guide for 2013	January 2013
Deborah Robertson & Guylaine Lefèbvre	4th Annual Women's Health Symposium	February 2013
Greg Ryan and Rory Windrim	16th Annual Obstetric Ultrasound Setting the Standard for 2013	February 2013
Harold Drutz & Wendy Wolfman	8th Annual Mature Women's Health Care	April 2013

2012-2013 CME Courses *cont'd*

Rory Windrim, Michèle Farrugia and Kellie Murphy	10th Annual Refresher in Primary Maternity Care	May 2013
David Chitayat	16th Annual New Developments in Prenatal Diagnosis & Medical Genetics	May 2013
Harold Drutz	Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery	June 2013

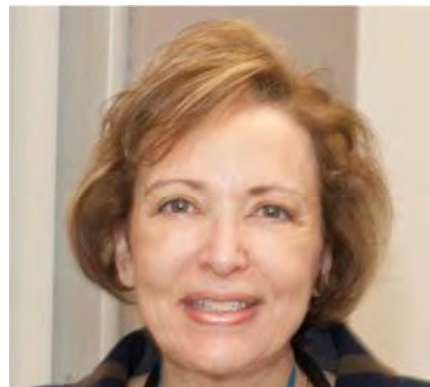
2012-2013 Interhospital Rounds

Date	Presenter/Topic	Location
Fri, Sept 7, 2012	Dr. K Joan Murphy New cervical screening guidelines	Mount Sinai Hospital
Fri, Oct 12, 2012	Dr. Wendy Wolfman Menopause Management	Sunnybrook Health Sciences Centre
Fri, Nov 2, 2012	Dr. Michèle Farrugia Dr. Heather Shapiro Dr. Sarah Ferguson Communication and Behaviour in the Culture of Medicine	Mount Sinai Hospital
Thurs, Dec 6, 2012 - 12-1 pm	Dr. Astrid Christoffersen-Deb Dr. Julia Songok Dr. Laura Ruhl Improving Maternal and Infant Health in Kenya with Smartphones and smartCHWs	Mount Sinai Hospital
Fri, Dec 7, 2012 7:45 am to 8:45 am	Dr. Thomas Baskett APOG/Cannell Lecture Caesarean Delivery: From Maternal Death to Maternal Choice presented by U of T Ob/Gyn & The Association of Academic Professionals in Obstetrics & Gynaecology open to all U of T Ob/Gyn faculty and trainees	Marriott Hotel, Eaton Centre, 525 Bay Street, Toronto



2012-13 Interhospital Rounds cont'd

Fri, Jan 11, 2013	Dr. Ellen Greenblatt Ms Diane Myles Reid Ms Pat Chronis-Brown Dr. Elena Kolomietz Preimplantation Genetic Diagnosis (PGD) / Preimplantation Genetic Screening (PGS) of Embryos: Who, When, Where, What and Why	Mount Sinai Hospital
Fri, Feb 1, 2013	Dr. Lisa Allen Carol Cowell Lectureship in Paediatric & Adolescent Gynaecology Adnexal Masses in Young Women – Finding the Right Balance	Sunnybrook Health Sciences Centre
Fri, Feb 22, 2013	Dr. Lyn Chitty Non-invasive prenatal diagnosis – the future of prenatal diagnosis	Mount Sinai Hospital
Fri, Mar 1, 2013	Dr. David Chitayat Microarray Analysis in Prenatal Diagnosis	St. Michael's Hospital
Fri, April 5, 2013	Dr. George Vilos Electrocautery in Gynaecology	Mount Sinai Hospital
Fri, Apr 26, 2013	Dr. John Newnham Preventing Preterm Birth	Mount Sinai Hospital
Fri, May 10, 2013	Research Day - No Rounds	Victoria College, University of Toronto
Fri, Jun 7, 2013	Dr. Geoff Cundiff Advances in Female Pelvic Medicine and Reconstructive Surgery	Mount Sinai Hospital

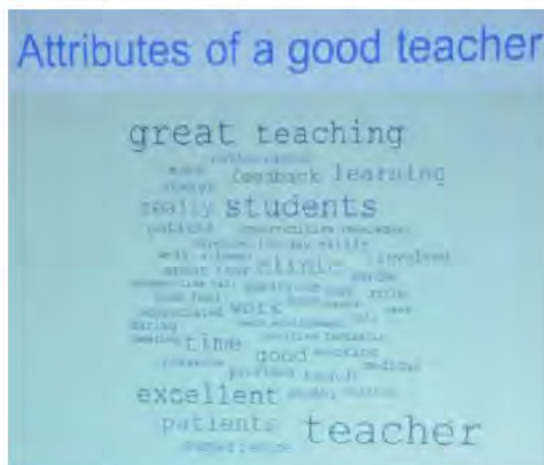


The Department's Educational Partnership initiative continues to develop and support teaching activities within the areas of Postgraduate, Undergraduate, and Continuing Medical Education.

The 2012 – 2013 Industry Sponsors are:

- AbbVie Canada
- Bayer Healthcare Pharmaceuticals
- Hologic Canada Ltd.
- Merck Canada Inc.
- Warner Chilcott Canada Co.

We look forward to future collaborations that continue to enhance development and growth within the educational programs of the Department.



COMMITTEE REPORTS

Research Committee

Theodore J. Brown, Chair



Introduction: The Research Committee, consisting of 18 faculty members, meets throughout the year to provide support for research communication within the Department of Obstetrics and Gynaecology. Membership reflects the heterogeneity of the Department, with Divisional and Institutional representation. The primary mandate of the committee is the planning, organization, and execution of our annual Research Day. The committee is fortunate to be well supported by the talents of Helen Robson, both for organizing the Research Day event and for organization and communication of the committee meetings.

Highlights: This year marked the 30th anniversary of the Department of Obstetrics and Gynaecology Research Day, which was first held in 1983 under the chairmanship of Dr. Walter Hannah. The inaugural event was a half-day affair consisting of only 8 presentations, but it launched an event that has become a highlight of our academic year. Although Research Day was cancelled in 2003 due to SARS, the event has grown steadily in terms of abstracts presented, particularly throughout Dr. Alan Bocking's tenure as Chair – from 49 abstracts in 2004 to a record 85 abstracts in 2013. It is important to note that, unlike the experience in other departments, our Research Day is meant to celebrate our many trainees, including Graduate Students, Post-Doctoral Fellows, Medical Students, Residents, and Fellows. Therefore, all abstracts represent trainee projects. Of the 85 abstracts submitted last year, 21 were from Clinical Fellows, 13 from Residents, 7 from Postdoctoral Research Fellows, 29 from Graduate Students, and 7 from Medical Students. This year, awards went to: Dr. Clare Reade for her Clinical Fellowship project supervised by Dr. Ray Osborne; Peter Szaraz for his post-doctoral fellowship project supervised by Dr. Cliff Librach; Dr. Julia Kfoury, for her resident research project supervised by Dr. Patricia Lee; Andrew Corso for his graduate work supervised by Dr. Andras Nagy; and Melissa Walker and Marina Vainder for their medical student research projects supervised by Dr. Rory Windrim and Dr. Cliff Librach, respectively.

As always, a highlight of Research Day was the Henderson Lecture, established in 1965 through the generosity of the Henderson family, in honour of Dr. Donald Nelson Henderson, a valued member of our Department. This year, we were fortunate to have Dr. Zulfiqar Bhutta, the Noordin Noormahomed Sheriif Endowed Professor of the Division of Women and Child Health at the Aga Khan University, who spoke on the global challenges and solutions to maternal health and nutrition. The lecture was well received and generated lively discussion.

Future Initiatives: The coming year promises to hold several important changes for the Research Committee. In an effort to reach out to our community members, we hope to offer continuing medical education credits for attending/participating in Research Day. Under our new Terms of Reference, the committee will be expanding its role to provide training and venues for increasing interaction between basic and clinical researchers.

Promotions Committee

John Kingdom, Chair



The Department and Promotions Committee are pleased to announce the following promotions, effective **July 1, 2012:**

PROMOTIONS

Associate Professor

Dr. Adrian Brown (NYGH)
Dr. Elaine Herer (SHSC)
Dr. Sari Kives (SMH)
Dr. Michael Sved (MSH)
Dr. Arthur Zaltz (SHSC)

NEW APPOINTMENTS (During the period July 1, 2012-June 30, 2013)

Professor

Andras Nagy (MSH)

Adjunct Professor

Kofi Amankwah

Assistant Professor

Noor Ladhani (SHSC)
Oksana Shynlova (MSH)

Adjunct Assistant Professor

Samuel Charles (Peter) Bryson (Moi)

Lecturer

Kelly Chu (THP)
Kurt Christopher Giede (Moi)
Kendra Newell (THP)
Gonzalo Zevallos

Adjunct Lecturer

Kurt Christopher Giede (Moi)
Kristina Dervaitis (Southlake)

CROSS- APPOINTMENTS

Associate Professor

Candice Silversides (MSH)

SIGNIFICANT HONOURS AND AWARDS

2012-13 DEPARTMENT AWARDS

CHAIR'S AWARDS

Jason Dodge
Grace Liu
Scott Tigert
Adrian Brown
Donna Steele

Marcus Bernardini
Greg Ryan
Michèle Farrugia
Nicholas Pairaudeau

Excellence in Undergraduate Teaching
 Excellence in Postgraduate Teaching
 Excellence in Integrated Undergraduate Education
 Excellence in Integrated Postgraduate Education
 Excellence in Postgraduate Program
 Development/Innovation
 Outstanding Research Potential
 Sustained Excellence in Research
 Excellence in CME Teaching
 Excellence in CME Course Coordination



AWARDS FOR UNDERGRADUATE TEACHING EXCELLENCE

Michèle Farrugia
Maja Gans
Beata Grygowski
Dini Hui
Nanette Okun
Rajiv Shah
Lynne Zolis

Mount Sinai Hospital
 Toronto East General Hospital
 St Joseph's Health Centre
 Sunnybrook Health Sciences Centre
 Mount Sinai Hospital
 St. Michael's Hospital
 North York General Hospital



MASTER TEACHER AWARDS

Maja Gans



Significant Honours and Awards cont'd

Jon F Barrett

Best Paper - Oral Plenary Session, SMFM annual meeting, Society of Maternal Fetal Medicine, San Francisco, California, USA.
February 2013

Janet Bodley

Carl Nimrod Educator Award
Department of Obstetrics & Gynaecology, Faculty of Medicine
Association of Academic Professionals in Obstetrics and Gynaecology of Canada (APOG) (Postgraduate MD, Core Program).
This award recognizes excellence, commitment, innovation and leadership demonstrated in teaching knowledge, attitudes, and skills to the next generation of practitioners. It also represents exceptional work and dedication to the betterment of Obstetrics and Gynaecology education.
December 2012

Robert F Casper

Excellence in Research Award
Association of Academic Professionals in Obstetrics and Gynaecology of Canada.
2012

Allan Covens

GOC Presidential Medal - 2013

Denny DePetrillo

Excellence in Gynecologic Oncology
International Gynecologic Cancer Society (IGCS) Award
For major and sustained contributions in the field of gynaecologic cancer care, honouring excellence in clinical, organizational, and scientific accomplishments of key individuals in the field of gynaecologic oncology.
14th Biennial IGCS Meeting, Vancouver, British Columbia, Canada, October 2012.



Navid Esfandiari

Received the ASRM Star Award at the 67th Annual Meeting of the American Society for Reproductive Medicine, Oct 20-24, 2012, in San Diego, California, USA.

Canadian Fertility and Andrology Society (CFAS) Best Paper in Basic Science Research Award for co-authoring "Reduced CoQ10 Gene Expression in Mouse and Human Cumulus Cells with Aging" at the 58th CFAS Annual Meeting, 6-9 September 2012, Ottawa, Ontario, Canada.

Michèle Farrugia

Neelam Sierra Resident Advocacy Award
Department of Obstetrics & Gynaecology, Faculty of Medicine, University of Toronto.
(Postgraduate MD, Core Program).
Nominated by residents as "an exceptional advocate" for the Obstetrics & Gynaecology Residents.
June 2013

Significant Honours and Awards cont'd

Elyse Lackie

STAND OUT AWARD

Selected by the Senior Leadership Team, North York General Hospital, in recognition of commitment to the values of NYGH, and of providing patient and family-centred care
2013

Haidar Mahmoud

The Scarborough Hospital Teaching Award 2013

J. E. (Ted) Morgan

Awarded the SOGC Lifetime Achievement Award at a dinner in his honour on 7 December 2012 in Toronto, Ontario, Canada, for his contributions to the Urogynaecology subspecialty.

Matthew Morton

Wightman-Berris Academy Individual Teaching Excellence Award in Postgraduate Teaching
Department of Obstetrics & Gynaecology, Faculty of Medicine,
Wightman-Berris Academy, Toronto, Ontario, Canada.
May 9, 2013.

Andras Nagy

Honorary Faculty, Victor Chang Cardiac Research Institute, Australia
July 2012

Nicholas Pairaudeau

The Queen's Diamond Jubilee Medal
For medical work in Canada and China;
Special mention of the "Bridge the Gap" Program
Government of Canada
Toronto, Ontario, Canada
12 October 2012



Deborah Robertson

Sustained Excellence in Post Graduate Teaching
Department of Obstetrics & Gynaecology, Faculty of Medicine, St. Michael's Hospital, Toronto, Canada.

This award acknowledges the qualities of outstanding achievement in post graduate teaching based on resident evaluations.

July 2012 – June 2013.

Mathew Sermer

Award for Teaching Excellence

Maternal-Fetal Medicine Fellowship Program, Department of Obstetrics & Gynaecology
Faculty of Medicine, University of Toronto.

July 2012 – June 2013

PEER-REVIEWED PUBLICATIONS

This publication uses the Index Medicus style of citation.

Original Research

Abarin T, Yan Wu Y, Warrington N, **Lye S, Pennell C**, Briollais L. The impact of breastfeeding on FTO-related BMI growth trajectories: An application to the Raine pregnancy cohort study. *Int J Epidemiol* 2012 Dec;41(6):1650-60. doi: 10.1093/ije/dys171. Epub 2012 Nov 15.

Adams LA, White SW, Marsh JA, **Lye SJ**, Connor KL, Maganga R, Ayonrinde OT, Olynyk JK, Mori TA, Beilin LJ, Palmer LJ, Hamdorf JM, **Pennell CE**. Association between liver-specific gene polymorphisms and their expression levels with nonalcoholic fatty liver disease. *Hepatology* 2013 Feb;57(2):590-600. doi: 10.1002/hep.26184.

Abdessamad HM, **Yudin MH**, Tarasoff LA, Radford KD, Ross LE. Attitudes and knowledge among obstetrician-gynecologists regarding lesbian patients and their health. *Womens Health (Larchmt)* 2013 Jan;22(1):85-93. doi: 10.1089/jwh.2012.3718.

Al-Imari L, **Wolfman WL**. The safety of testosterone therapy in women. *J Obstet Gynaecol Can.* 2012 Sep;34(9):859-65.

Alladin N, **Moskovtsev SI**, Russell H, Kenigsberg S, Lulat AG, **Librach CL**. The three-dimensional image analysis of the chromocenter in motile and immotile human sperm. *Syst Biol Reprod Med* 2013 Jun;59(3):146-52. doi: 10.3109/19396368.2013.772679. Epub 2013 Feb 28.

Anderson V, Ye C, **Sermer M**, Connelly PW, Hanley AJ, Zinman B, Retnakaran R. Fasting capillary glucose as a screening test for ruling out gestational diabetes mellitus. *J Obstet Gynaecol Can* 2013 Jun;35(6):515-22.

Anglesio MS, Kommoss S, Tolcher MC, Clarke B, Galletta L, Porter H, Damaraju S, Fereday S, Winterhoff BJ, Kalloger SE, Senz J, Yang W, Steed H, Allo G, **Ferguson S, Shaw P**, Teoman A, Garcia JJ, Schoolmeester JK, Bakkum-Gamez J, Tinker AV, Bowtell DD, Huntsman DG, Gilks CB, McAlpine JN. Molecular characterization of mucinous ovarian tumours supports a stratified treatment approach with HER2 targeting in 19% of carcinomas. *J Pathol* 2013 Jan;229(1):111-20. doi: 10.1002/path.4088.

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CLINICAL PRACTICE GUIDELINES, BOOK CHAPTERS AND CASE REPORTS

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Case Reports

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INVITED LECTURES AND VISITING PROFESSORSHIPS

International

Adamson L. Seeking the determinants of fetoplacental vascularity: One lab's journey. Department of Obstetrics and Gynecology, Division of Basic Research, Washington University, St. Louis, Missouri, USA, 14 June 2013.

Adamson L. Genetics and fetoplacental vascularity in mice. D. H. Barron Reproduction & Perinatal Biology Research Program and the Perinatal Outcome Research Center Seminar Series, Department of Physiology and Functional Genomics, University of Florida, Gainesville, Florida, USA, 27 March 2013.

Alarab M. Differential genetic expression of the extracellular matrix in pelvic tissue of women with Pelvic Organ Prolapse: Is it a cause or an outcome? Invited Speaker. IUGA Workshop. Brisbane, Australia, 5 September 2012.

Alarab M. Effect of static mechanical stretch and surface substrate on vaginal fibroblasts of women with and without severe pelvic organ prolapse. SGI Annual Scientific Meeting, Orlando, Florida, USA, 21 March 2013.

Alarab M. Extracellular matrix differential changes in the Pelvic Organ Prolapse: Is it a cause or an outcome? Invited Speaker. 38th Annual IUGA Meeting, Dublin, Ireland, May 29, 2013.

Allen L. Fertility and contraception: Who is and is not likely to be fertile? Invited Speaker. International Children's Continence Society & International Continence Society, Toronto, Ontario, Canada. 6 June 2013.

Allen L. Endometriosis in adolescents. Invited Speaker. Plenary - Focus on the Health of Female Adolescents. Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C. (COMEGO), Mexico City, Mexico, 29 November 2012.

Allen L. Anomalies of the reproductive tract. Invited Speaker. Plenary - Focus on the Health of Female Adolescents. Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C. (COMEGO), Mexico City, Mexico, 28 November 2012.

Bentov Y. Ovarian senescence. Invited Lecture, Midwest Reproductive Symposium International 2013 (MRS), Chicago, Illinois, USA, 22 June 2013.

Bernardini MQ (CAN), Press J (CAN), Manchanda R (UK), Coleman RL (USA), Secord A (USA). Gynaecologic Oncology from around the world, focussing on clinical trials and collaborative research. Presenter. Co-leader of Session for young faculty and trainees. 2012 Young Doctors Summit. IGCS, Vancouver, British Columbia, Canada, 13 October 2012.

Bernardini MQ. Surgical outcome for robotic surgery in the morbidly obese patient with endometrial cancer compared to laparotomy. Invited Speaker. IGCS-International Gynecologic Cancer Society, Vancouver, British Columbia, Canada, 13 October 2012.

Bocking AD. Preterm labour and inflammation. Guest Lecturer. MOI University College of Health Sciences, Eldoret, Rift Valley, Kenya, 22 November 2012.

Caccia N. What you can learn when bad things (might) happen: Using CanMEDS framework to promote teaching and learning of patient safety principles through consideration of patient safety risks. International Conference on Residency Education Workshop, Ottawa, Ontario, Canada, October 2012.

Casper RF. Uterine activity and implantation. Invited Lecturer. SGI Summit Meeting, Jerusalem, Israel, 30 May 2013.

Casper RF. Update of CoQ10 for reproductive aging. Invited Speaker. SGI Summit Meeting, Jerusalem, Israel, 29 May 2013.

Casper RF. Shiftwork: The dark side of light. Invited Speaker. Council of Physicians and Surgeons, Dallas, Texas, USA, 26 April 2013.

Casper RF. Reproductive aging and use of coQ10. Invited Lecturer. Council of Physicians and Surgeons, Dallas, Texas, USA, 26 April 2013.

Casper RF. Shiftwork: The dark side of light. Invited Speaker. Strategies in Light Meeting, Santa Clara, California, USA, 12 February 2013.

Casper RF. Con: Oral contraceptives for treatment of endometriosis. Debate. Invited Speaker. European Endometriosis League, Siena, Italy, 29 November 2012.

Casper RF. Mitochondrial function in oocyte aging. Invited Speaker. American Association for Reproductive Medicine, Latin American Symposium on Reproduction, San Diego, California, USA, 22 October 2012.

Casper RF. Umbilical cord blood stems cell research for tissue therapeutics. Invited Speaker. World Cord Blood Congress, Boston, Massachusetts, USA, 20 September 2012.

Casper RF. Can we rejuvenate old eggs? Invited Lecturer. Harvard Medical School, Reproductive Medicine Rounds, Boston, Massachusetts, USA, 19 September 2012.

Casper RF. CoQ10 and mitochondrial function. Invited Lecturer. UCLA Review Course in Reproduction, Santa Barbara, California, USA, 8 July 2012.

Covens A. How far have we come in the management of recurrent cervical cancer? 44th Annual Meeting of the Society of Gynecologic Oncology, Los Angeles, California, USA, 9-12 March 2013.

Covens A. Sentinel lymph nodes in gynaecologic malignancies. The Israeli Society for Gynecologic Oncology, Herzlyia, Israel, 2013.

Covens A. Fertility preservation for gynaecologic malignancies. Israeli Society of Gynecologic Oncology, Herzlyia, Israel, 2013.

Drutz HP. Current surgical treatments to treat stress urinary incontinence in women: Research into the use of autologous myosites to treat stress urinary incontinence. Chair, Basic Science Workshop on Pelvic Floor Dysfunction, 38th ACM - IUGA, Dublin, Ireland. May 2013.

Drutz HP. Role of autologous myosites to treat stress urinary incontinence. Chair, Basic Science Workshop on Pelvic Floor Dysfunction. 37th ACM-IUGA. Brisbane, Australia, 5 September 2012.

Farine D. Where are we now...Who are the patients at risk? Invited Speaker. XI World Congress of Perinatal Medicine, Moscow, Russian Federation, 21 June 2013.

Farine D. Prevention of postpartum hemorrhage and its management once prevention fails. Invited Speaker. XI World Congress of Perinatal Medicine, Moscow, Russian Federation. 20 June 2013.

Farine D. Fetal neuroprotection. Invited Speaker. SOGIBA Congress 2013, Buenos Aires, Argentina, 30 May 2013.

Farine D. Management of PROM prior to 32 weeks. Invited Speaker. SOGIBA Congress 2013, Buenos Aires, Argentina. 30 May 2013.

Farine D. New technology in the management of labour. Invited Speaker. SOGIBA Congress 2013, Buenos Aires, Argentina, 30 May 2013.

Farine D. Kick counts. Invited Speaker. SOGIBA Congress 2013, Buenos Aires, Argentina, 30 May 2013.

Farine D. Fetal movement as a monitoring technique. Invited Speaker. 3rd Congress of Ob/Gyn, National Society of Macedonia, Ohrid, Republic of Macedonia, 16 May 2013.

Farine D. New technology in labour monitoring. Invited Speaker. 3rd Congress of Ob/Gyn National Society of Macedonia, Ohrid, Republic of Macedonia, 16 May 2013.

Farine D. The role of progesterone in prevention of preterm birth. Invited Speaker. Preventing Preterm Birth, A New Era, Changing the Paradigm for Women at Risk Conference, Preis School, Perugia, Italy, 28 March 2013.

Farine D. Can we use antibiotics for prophylaxis without long term outcomes of the neonates? Invited Speaker. 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Lisbon, Portugal, 10 November 2012.

Farine D. Who sues the Obstetrician, when and why? Invited Speaker. 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Lisbon, Portugal, 10 November 2012.

Farine D. Can PPH be predicted and avoided? Invited Speaker. 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Lisbon, Portugal, 10 November 2012.

Farine D. What is the management of early PROM. Invited Speaker. 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Lisbon, Portugal, 10 November 2012.

Farine D. FHR vs. auscultation as the primary mode. Invited Speaker. 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Lisbon, Portugal. 9 November 2012.

Farine D. Fetal movements – The neglected test. Invited Speaker. Grand Rounds, St. Luke's & Roosevelt Hospital, The Department of Obstetrics & Gynecology, New York City, New York, USA, 16 October 2012.

Farine D. Progesterone for preterm birth/current management and future options. Invited Speaker. Mother and Child Congress, Moscow, Russian Federation, 25 September 2012.

Farine D. Intrapartum care of twins. Invited Speaker. Obstetrics Forum (Ferring Pharmaceuticals), Lisbon, Portugal, 19 September 2012.

Farine D. Prevention of postpartum hemorrhage. Invited Speaker. Obstetrics Forum (Ferring Pharmaceuticals), Lisbon, Portugal, 19 September 2012.

Farine D. Mismanaging labour – Old concepts and new technologies. Invited Speaker. Mykonos, Syros, Greece, 1 September 2012.

Greenblatt E. Fertility management in Hodgkin's Lymphoma. Invited Speaker. Fertility Management 2012, Toronto Lymphoproliferative Conference, Toronto, Ontario, Canada, 28 September 2012.

Juriscova A. Changes imposed by aging on female germline. Society of Gynecologic Investigation (SGI), Jerusalem, Israel, May 2013.

Juriscova A. Aging female germline - what can we do about it? National Institutes of Health (NIH), Bethesda, Maryland, USA, December 2012.

Kingdom J. Plenary diagnosis and management of IUGR. 3rd Annual Fetal Medicine Congress, Shanghai, China, June 2013.

Kingdom J. Case studies in IUGR. Plenary session. 3rd Annual Fetal Medicine Congress, Shanghai, China, June 2013.

Kingdom J. Case studies with staff and fellows in fetal medicine. 1st Maternity and Infant Hospital, Shanghai, China, June 2013.

Kingdom J. Managing invasive placental previa-increta: The Toronto experience. Resident Teaching, Department of Obstetrics and Gynecology, Columbia University Medical Center, New York, New York, USA, October 2012.

Kingdom J. Is heparin a placental anticoagulant? Grand Rounds, Department of Obstetrics & Gynecology, Columbia University Medical Center, New York, New York, USA, October 2012.

Kingdom J. Placentology: A new focus for the ancient craft of Obstetrics. Centre for Trophoblast Research (CTR) Scientific Advisory Board Meeting and Annual Trophoblast Meeting, University of Cambridge, Cambridge, UK, July 2012.

Kives SL. Blood in my daughter's underwear. North American Association of Pediatrics & Adolescent Gynecology (NASPAG), Annual Meeting, San Diego, California, USA, April 2013.

Murphy J. The anatomy of the cervix. Invited Speaker. Basic colposcopy course to gynaecologists, residents, and nurse practitioners involved in cervical screening. Moi Teaching and Referral Hospital, Moi University, Department of Obstetrics and Gynaecology, Eldoret, Western Kenya, 24 January 2013.

Murphy J. HPV: From infection to invasive disease. Invited Speaker. Moi Teaching and Referral Hospital, Moi University, Department of Obstetrics and Gynaecology, Eldoret, Western, Kenya. 24 January 2013.

Murphy J. HPV vaccination and cervical pathologies: Patient-focussed answers to a continued global threat. Invited Speaker. HPV Associated Cervical Disease - Affecting Women Worldwide. International Federation of Gynecology and Obstetrics (FIGO), Rome, Italy, 10 October 2012.

Nagy A. Endothelial cell phenotypes in health and disease. Gordon Research Conferences, Tuscany, Italy, July 2012.

Nagy A. Embryonic stem cells versus induced pluripotent stem cells: The game is on. International Conference on Stem Cells, Chania, Crete, Greece, September 2012.

Nagy A. Induced pluripotency: How close are we to building new organs? American Society of Nephrology Annual Meeting, San Diego, California, USA, November 2012.

Nagy A. Jailbreaking cell fate. Hong Kong Society Developmental Biology Patrick Tam Big Birthday Symposium, Hong Kong, November 2012.

Nagy A. Consequences of blood vessel density modulation in normal and pathological conditions: A "VEGF-ocentric" universe. Australian Cardiac and Vascular Developmental Biology Network, Australia, December 2012.

Nagy A. Consequences of blood vessel density modulation in normal and pathological conditions: A "VEGF-ocentric" universe. Centenary Institute Seminar Talk, New South Wales, Australia, December 2012.

Nagy A. Frontiers in stem cells in cancer. Advanced Training Course, Ponce School of Medicine, Ponce, Puerto Rico, USA February 2013.

Nagy A. Regenerative medicine. Stanford (ReMS) Regenerative Medicine Seminar Series, Stanford University School of Medicine, Stanford, California, USA, February 2013.

Nagy A. Stem cells, niches, regeneration and repair. Advanced Study Institute, Hong Kong University, Hong Kong, China, March 2013.

Nagy A. Building a kidney. Brainstorming Symposium on the Future of Renal Regenerative Medicine, Chicago, Illinois, USA, April 2013.

Nagy A. Reprogramming reveals multiple stages of pluripotency. Boston University Systems Biology Seminar, Boston, Massachusetts, USA, April 2013.

Nagy A. Reprogramming reveals multiple stages of pluripotency. Institute of Genetics, Biological Research Center, Hungarian Academy of Sciences, Szeged, Hungary, May 2013.

- Pairaudeau N.** Obstacles to an eSSCL. Society of Laparoendoscopic Surgeons Meeting, Orlando, Florida, February 2013.
- Pairaudeau N.** Obstacles to an advanced surgical check list. Beijing, China, March 2013.
- Pairaudeau N.** Hysteroscopy complications and PPH. Presentation to Residents and Students. Nanjing, China, March 2013.
- Pairaudeau N.** Surgical check list. Hong Kong, China, June 2013.
- Pairaudeau N.** Hysteroscopy complications. Beijing, China, June 2013.
- Pairaudeau N.** MIS complications. Chang Chun, Jilin Province, China, June 2013.
- Pairaudeau N.** Trends in C section rates. Chang Chun, Jilin Province, China, June 2013.
- Pairaudeau N.** Use of Forceps: Friend or Foe. Chang Chun, Jilin Province, China, June 2013.
- Pairaudeau N, Seviadis N.** Global training of Obstetrics. Safety in Medicine. Imperial College of London, London, UK, 13-16 December 2012.
- Ritchie K.** The use of Doppler ultrasound in pregnancy. 10th Myanmar Obstetrical and Gynaecological Congress, Yangon, Myanmar, February 2013.
- Ritchie K** Doppler ultrasound in high risk pregnancy. 25th International Congress of the Obstetrical and Gynaecological Society of Malaysia, Kuala Lumpur, Malaysia, June 2013.
- Ritchie K.** Operative difficulties at Caesarean section. 25th International Congress of the Obstetrical and Gynaecological Society of Malaysia, Kuala Lumpur, Malaysia, June 2013.
- Rogers IM.** Manufacturing a bio-artificial kidney. Invited Lecturer. Northwestern University, Chicago, Illinois, USA, 22 April 2013.
- Rogers IM.** Induced pluripotent stem cells for kidney repair. Invited Lecturer. Northwestern University, Chicago, Illinois, USA, 21 April 2013.
- Ryan G.** The management of type I CCAM. Presenter. SMFM 33rd Annual Meeting - The Pregnancy Meeting, San Francisco, California, USA, 13 February 2013.
- Ryan G.** Fetal therapy for chest lesions (Pleural effusions, CCAM, BPS, CDH). Keynote Lecturer. 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 6 February 2013.
- Ryan G.** CDH – US and Fetal Therapy. Invited Lecturer. 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 6 February 2013.

Ryan G. LUTO – Evaluation and Fetal Therapy. Invited Lecturer. 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 6 February 2013.

Ryan G. TTTS (Twin-to-twin Transfusion Syndrome). Keynote Lecturer: 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 5 February 2013.

Ryan G. Complications of monochorionic twins. Invited Lecturer. 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 5 February 2013.

Ryan G. IUGR vs TTTS. Invited Lecturer. 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, 1st Annual Congress of the Saudi Maternal Fetal Medicine (MFM) Group, Saudi Obstetrics and Gynecological Society (SOGS), Riyadh, Saudi Arabia, 5 February 2013.

Ryan G. Timing and mode of delivery for the fetus with congenital heart disease. Invited Lecturer. Fourth Phoenix Fetal Cardiology Symposium, Phoenix, Arizona, USA, 20 January 2013.

Ryan G. Doppler evaluation of the fetus. Workshops I And II. Invited Lecturer. Fourth Phoenix Fetal Cardiology Symposium, Phoenix, Arizona, USA, 20 January 2013.

Ryan G. Intervention in twin-reversed-arterial-perfusion and twin-to-twin perfusion syndromes. Invited Lecturer. Fourth Phoenix Fetal Cardiology Symposium, Phoenix, Arizona, USA, 18 January 2013.

Ryan G. Fetal and perinatal treatment center – Developing a fetal and perinatal medical therapeutics and interventional service. Invited Speaker. Fourth Phoenix Fetal Cardiology Symposium, Phoenix, Arizona, USA, 16 January 2013.

Selk A. Gabapentin versus placebo for the treatment of localized provoked vulvodynia: A Randomized Controlled Trial (RCT) Pilot Study Protocol. North American Chapter of the International Society for the Study of Vulvovaginal Disease, Chicago, Illinois, USA, 9 September 2012.

Ternamian A. Fundamentals of operative hysteroscopy and safe laparoscopic peritoneal entry: The Canadian-SOGC Practice Guideline. Invited Faculty. Alexea Endoscopy Teaching Center, University of Alexandria, Alexandria, Egypt, 16-20 September 2012.

Ternamian A. Risk management in endoscopic surgery. Invited Faculty. Alexea Endoscopy Teaching Center, University of Alexandria, Alexandria, Egypt, 16-20 September 2012.

Ternamian A. Safe laparoscopic peritoneal entry. Hands on suturing and Hysteroscopy course. Endoscopy Training Course. Faculty at the Gynaecological Endoscopic and Reproductive Medicine Course, Department of Obstetrics and Gynaecology, University of Kiel, Kiel, Germany, 7-10 June 2013.

Ternamian A. Risk management in Endoscopic surgery. Hands on suturing and Hysteroscopy course. Endoscopy Training Course. Faculty at the Gynaecological Endoscopic and Reproductive Medicine Course, Department of Obstetrics and Gynaecology, University of Kiel, Kiel, Germany, 7-10 June 2013.

Ternamian A. Safe peritoneal entry: The Canadian-SOGC Practice Guideline. Invited Faculty. Alexea Endoscopy Teaching Center, University of Alexandria, Alexandria, Egypt, 17-16 May 2013.

Ternamian A. Total laparoscopic hysterectomy. Invited Faculty. Alexea Endoscopy Teaching Center, University of Alexandria, Alexandria, Egypt, 17-26 May 2013.

Ternamian A. Technique and Evidence: Risk management in operative hysteroscopy. Invited Faculty. Alexea Endoscopy Teaching Center, University of Alexandria, Alexandria, Egypt, May 17-26, 2013.

Wolfman W. The art and science of menopause. North American Menopause Society Annual Meeting, Orlando, Florida, USA, 3 October 2012.



National

Allen L. The bread and butter of paediatric and adolescent gynaecology care - CANPAGO. Invited Speaker. Postgraduate Course: Beyond Primary Dysmenorrhea: How to Diagnose and Treat Endometriosis Early. Society of Obstetricians and Gynaecologists of Canada, 69th Annual Clinical Meeting, Calgary, Alberta, 12 June 2013.

Allen L. Teenage gynaecology. Invited Speaker. Dalhousie University, Halifax, Nova Scotia, 27 April 2013.

Bentov Y. Ovarian senescence. Invited Speaker. McGill University Health Centre - Royal Victoria Hospital, Montreal, Quebec, Canada. 18 January 2013.

Bentov Y. New tools for fertility evaluation and treatment. Invited Lecture, CME, Kitchener-Waterloo, Ontario, Canada, 21 November 2012.

Berger H. Delivery dilemma: Should all women with pre-gestational diabetes be delivered at 38 weeks' gestation. Speaker. 15th Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Professional Conference, Vancouver, British Columbia, Canada, 12 October 2012.

Berger H. Toxoplasmosis and pregnancy. Speaker. 2012 SOGC Ontario CME, Toronto, Ontario, Canada, 6 December 2012.

Berger H. Pregnancy and viral infections. Speaker. 2012 SOGC Ontario CME, Toronto, Ontario, Canada, 6 December 2012.

Berger H. Optimal antibiotic selection in antenatal and intrapartum care. Speaker. 35th Annual Memorial Program Myths and Marvels of Modern Day, Department of Obstetrics and Gynaecology, Queen's University, Kingston, Ontario, Canada, 26 October 2012.

Bernardini M. Diffusion of robotic surgery in gynaecologic oncology. Invited Speaker. Centre for Minimal Access Surgery (CMAS), Hamilton, Ontario, Canada, 6 April 2013.

Bernardini M. Rationale for advanced debulking in ovarian cancer. Covidien Canada, Toronto, Canada. Presenter plus full day lab session. 2 November 2012.

Bernardini M. Robotics in gynaecologic oncology. Invited Speaker. University of Toronto Oncology Continuing Education Rounds, Toronto, Ontario, Canada, 17 May 2013.

Bocking AD. The impact of maternal obesity on long term outcomes. Invited Speaker. Society of Obstetricians and Gynaecologists of Canada, 69th Annual Clinical Meeting, Calgary, Alberta, Canada, June 2013.

Bodley J. Role Modeling: Actions speak louder than words! Enhancing the use of intentional role modeling in teaching and learning. Canadian Conference on Medical Education, Toronto, Ontario, Canada, 23 April 2013.

Caccia N. Disclosure after an adverse event: Approaches to teach, train and assess trainees. Simulation Summit Workshop, Royal College of Physicians and Surgeons of Canada, Ottawa, Ontario, Canada, November 2012.

Caccia N. What you can learn when things (might) go bad: Patient safety and communication & conflict management. Canadian Conference on Medical Education Workshop, Quebec City, Quebec, Canada, April 2013.

Casper RF. Canadian experience with umbilical cord blood. Invited Speaker. Grand Rounds, B.C. Women's Hospital & Health Centre, Vancouver, British Columbia, Canada, 31 January 2013.

Casper RF. Canadian experience and future uses of cord blood stem cells. Invited Speaker. SOGC Regional Meeting, Toronto, Ontario, Canada. 6 December 2012.

Casper RF. CoQ10 and mitochondrial function in aged oocytes. Invited Speaker. SOGC Regional Meeting, Quebec City, Quebec, Canada. 28 September 2012.

Casper RF. Current management of endometriosis. Invited Speaker. SOGC Regional Meeting, Quebec City, Quebec, Canada. 27 September 2012.

Casper RF. Endometriosis: New guidelines for pain management. Invited Speaker. CME, Kitchener-Waterloo, Kithchener, Ontario, Canada. 22 May 2013.

Casper RF. Canadian usage and experience with cord blood. Invited Speaker. Jewish General Hospital Montreal, Montreal, Quebec, Canada. 10 January 2013.

Diamond P. Making A Mark Program. Urogynaecology Lecturer, University of Toronto, Toronto, Ontario, February 2013.

Farine D. Ten easy ways to be sued and lose the case. Invited Speaker. Association of Academic Professionals in Obstetrics and Gynaecology of Canada, Toronto, Ontario, Canada. Toronto, 7 December 2012.

Ferguson SE. Endometrial and ovarian cancer in Lynch Syndrome. Speaker. 5th Lynch Syndrome Education Night, Familial Gastrointestinal Cancer Registry, Toronto, Ontario, Canada, 11 June 2013.

Glass K, Greenblatt E, Zlotnik-Shaul R. The ethics of female fertility preservation. Panel. Invited Speaker. Annual Multi-Disciplinary Symposium on Childhood Cancer, Pediatric Oncology Group of Ontario (POGO), Toronto, Ontario, Canada, 16 November 2012.

Greenblatt E. Development of a fertility preservation programme. Invited Lecturer. 41st Annual Atlee Lecture, Dalhousie University Department of Obstetrics and Gynaecology, Halifax, Nova Scotia, Canada, 15 November 2012.

Greenblatt E. Polycystic Ovarian Syndrome: How best to treat these patients. Invited Speaker. Department of Obstetrics and Gynaecology, Dalhousie University, Halifax, Nova Scotia, Canada, 15 November 2012.

Kingdom J. How might heparin prevent recurrent pre-eclampsia? 36th Annual Eastern Canadian Perinatal Investigators Meeting, St. Michael's Hospital, Toronto, Ontario, Canada, November 2012.

Liu K. Age and fertility. Common REI problems encountered by the generalist. Postgraduate course. Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, 12 June 2013.

Murphy K. Multiple madness. Invited speaker. Canadian Fertility and Andrology Society 56th Annual Meeting, Ottawa, Ontario, Canada, September 2012.

Okun N. NIPT (Non-invasive prenatal testing) in Canada: The new paradigm. Invited Speaker. Postgraduate Course: Prenatal Molecular Genetics: Screening and Diagnosis, Alberta Health Services, Calgary, Alberta, Canada, June 2013.

Okun N. Provincial panel discussion on new developments in prenatal testing and diagnosis. Distinguished Speaker. 12th Annual Meeting of the Northern Regional Genetics Program, Toronto, Ontario, Canada, May 2013.

Pittini R. Assessment of thematic competencies. Invited Speaker. CCME Program Evaluation Network, Quebec City, Quebec, Canada, 20 April 2013.

Robertson DG. Practical approach to vulvar disease. Invited Speaker. SOGC Ontario Continuing Medical Education Plenary Session, Society of Obstetricians and Gynaecologists of Canada, Toronto, Ontario, Canada. 6 December 2012.

Robertson DG. Vulvar disease – specific case management. Invited Speaker. SOGC Ontario Continuing Medical Education Practice Session, Society of Obstetricians and Gynaecologists of Canada, Toronto, Ontario, Canada. 6 December 2012.

Seaward PGR. Preterm labour: Prevention and management by the family physician. Invited Speaker. The 50th OCFP Annual Scientific Assembly Family Medicine Forum 2012, Toronto, Ontario, Canada. 16 November 2012.

Shier M. Ontario Cervical Screening Guidelines – an evidence-based program. Canadian Association of Ambulatory Care, Toronto, Ontario, Canada, 13 September 2013.

Spitzer RF. Complex contraception in the adolescent. Postgraduate Course, Young Women with Medical Disorders: Considerations for Reproductive Health Care. Society of Obstetricians and Gynaecologists of Canada (SOGC) Annual Clinical Meeting, Calgary, Alberta, Canada, 12 June 2013.

Ternamian A. Endoscopic teaching for Generation Z. James Silcox Lecture on Curriculum Development in Endoscopic Teaching. Grand Rounds, University of Western Ontario, London, Ontario, Canada, 26 September 2012.

Ternamian A. Why Canadian residents should not learn how to do total laparoscopic hysterectomy. Resident Teaching Rounds, University of Western Ontario, London, Ontario, Canada, 26 September 2012.

Windrim R. PG 16 – Invasive Placentation – Multi-Disciplinary Approach to a Growing Problem. The Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, 12 June 2013.

Windrim R. What can we do to limit the consequences of preterm birth? HH Allen Day, University of Western Ontario, London Ontario, Ontario, Canada, 28 September 2012.

Wolfman W. Talking the talk: Updated advice about HT. Keynote Speaker. The Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, 13 June 2013.

Wolfman W. Challenges in vulvo-vaginal atrophy. Keynote Speaker. SIGMA Canadian Menopause Society, Ottawa, Ontario, Canada, 4 May 2013.

Wolfman W. Gynaecologic problems after bone marrow transplant. Canadian Blood and Marrow Transplant Group, Winnipeg, Manitoba, Canada, 10 April 2013.

Wolfman W. The art and science of menopause. Regional Meeting of Western Canada, Society of Obstetricians and Gynaecologists of Canada, Banff, Alberta, Canada, 21 March 2013.



Local

Alarab M. Repair of anal sphincter injury. Invited Speaker. Lecture and Hands-on Workshop. Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery Course. Mount Sinai Hospital, Toronto, Ontario, Canada, 8 June 2013.

Alarab M. What is the best treatment for atypical prolapse? Invited Speaker. Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery Course. Mount Sinai Hospital, Toronto, Ontario, Canada, 8 June 2013.

Alarab M. Transobturator tape, tension-free vaginal tape, anterior and posterior repair in the elective outpatient surgery unit. Invited Speaker. In-Service Nursing Orientation Session. Mount Sinai Hospital, Toronto, Ontario, Canada, 22 March 2013.

Alarab M. Third and fourth degree obstetric perineal tears: Identification and follow-up issues for primary care providers. Invited Speaker. Annual Family Medicine Forum, Toronto, Ontario, Canada, 16 November 2012.

Allen L. Abnormal bleeding in adolescents. Invited Speaker. 7th Annual Gynaecology Review Day, University of Toronto, Toronto, Ontario, Canada 30 November 2012.

Allen L. Adnexal masses in young women – Finding the right balance. Invited Speaker. Gynaecology Oncology Grand Rounds, Princess Margaret Hospital, Toronto, Ontario, Canada, 17 May 2013.

Allen L. Adolescent gynaecological emergencies. Invited Speaker. 4th Annual Women's Health Symposium, St. Michael's Hospital, Toronto, Ontario, Canada, 2 February 2013.

Allen L. Abnormal bleeding in adolescents. Invited Speaker. 7th Annual Gynaecology Review Day, University of Toronto, Toronto, Ontario, Canada, 30 November 2012.

Allen L. Health care concerns of individuals with DSD throughout their lifetime. Invited Speaker. Endocrine Rounds, Women's College Hospital, Toronto, Ontario, Canada, 7 March 2013.

Allen L, Windrim R. A team-based approach to placenta percreta: The MSH experience. Mount Sinai Hospital, Toronto, Ontario, Canada, 8 February 2013.

Allen L. Adolescent gynaecological emergencies. Invited Speaker. 4th Annual Women's Health Symposium, St. Michael's Hospital, Toronto, Ontario, Canada. 2 February 2013.

Allen L. Adnexal masses in young women -- Finding the right balance. Invited Speaker. Canada. Carol Cowell Lectureship in Paediatric and Adolescent Gynaecology, Interhospital Rounds, University of Toronto Department of Obstetrics and Gynaecology, Toronto, Ontario, Canada, 1 February 2013.

Allen L. Health care concerns of individuals with DSD throughout their lifetime. Invited Speaker. Psychiatry Grand Rounds, Women's College Hospital, Toronto, Ontario, Canada, 18 January 2013.

Arthur R. Fibroids and infertility. Invited Speaker. St Michael's Hospital Women's Health Symposium, St Michael's Hospital, Toronto, Ontario, Canada 2 February 2013.

Arthur R. Infertility Royal College Exam Review. Invited Speaker. University of Toronto, Toronto, Ontario, Canada, 11 March 2013.

Arthur R. Promoting fertility through minimally invasive gynaecologic surgery: Fibroids and infertility. Grand Rounds, St. Michael's Hospital Department of Obstetrics & Gynaecology, Toronto, Ontario, Canada. 9 October 2012.

Arthur R, Brown T, Satkunaratnam A. Tubal occlusion - which is the best method in 2013? Invited Lecturer. Grand Rounds, Mount Sinai Hospital Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, Canada, 25 May 2013.

Baratz A. The ART of fertility at forty: What can you do? What should you do? North York General Hospital Annual Family Medicine Clinic Day, Toronto, Ontario, January 2013.

Baratz A. The first trimester in jeopardy: A review of first trimester issues for the Infertility nurse. CReATe Fertility Centre, Nurse Rounds, Toronto, Ontario, Canada, June 2013.

Berger H. Doppler and fetal well being workshop. Speaker, 16th Annual Obstetric Ultrasound: Setting the Standard for 2013 Conference, Mount Sinai Hospital, Toronto, Ontario, Canada, 22 February 2013.

Berger H. The second trimester anatomical ultrasound is obsolete. Debate. Speaker. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013 Conference, Mount Sinai Hospital, Toronto, Ontario, Canada Canada, 22 February 2013.

Berger H. Fetal evaluation with arterial and venous doppler. Debate. Speaker. Fetal Medicine Update Conference, Mount Sinai Hospital, Toronto, Ontario, Canada, 20 October 2012.

Berger H. Doppler is of no value in the term fetus. Debate. Speaker. Fetal Medicine Update Conference, Mount Sinai Hospital, Toronto, Ontario, Canada, 20 October 2012.

Berger H. Fetal heart-rate monitoring. Invited Speaker. Boot Camp 2013, University of Toronto, St. Michael's Hospital, Toronto, Ontario, Canada. 28 June 2013.

Berger H. GDM: From a diagnosis in search of a disease to a disease in search of a diagnosis. Grand Rounds presentations, St. Michael's Hospital, Toronto, Ontario, Canada, 19 April 2013.

Berger H. GDM in an obese world. Invited Speaker. Grand Rounds Presentation, Motherisk (Sick Kids), Toronto, Ontario, Canada, 19 April 2013.

Bocking AD. Improving women and children's health: A tale of two cities. Keynote Speaker. Marlow Lecture, Society of Obstetricians and Gynaecologists of Toronto, Toronto, Ontario, Canada, 14 May 2013.

Bocking AD, Rosen B, Spitzer RF. Updates on our Department's innovative work in Western Kenya. Presenter. Department of Obstetrics and Gynaecology, Mount Sinai Hospital Grand Rounds, Toronto, Ontario, Canada, 8 March 2013.

Bodley J. Developing skills as a mentor. Interprofessional Healthcare Group, Bridgepoint Active Healthcare Stepping Stones Group. Bridgepoint Active Healthcare, Toronto, Ontario, Canada, 20 June 2013.

Brown T.J. Steroid hormone action: The role of steroid receptors in mediating effects on reproduction. Invited Lecturer. Centre for Reproductive Health, Mount Sinai Hospital, Toronto, Ontario, Canada, 17 October 2012.

Brown T.J. Human research ethics. Invited Lecturer. Department of Physiology Graduate Student Orientation, University of Toronto, Toronto, Ontario, Canada, 7 September 2012.

Brown T.J. Research 101: How to get from zero to 100 in research. Invited Lecturer. Obstetrics and Gynaecology Residents, University of Toronto, St. Michael's Hospital, Toronto, Ontario, Canada. 24 August 2012.

Caccia N. MgSO₄ for fetal neuroprotection. Humber River Regional Hospital Obstetrics and Gynaecology Rounds, Toronto, Ontario, Canada, 19 September 2012.

Caccia N. Paediatric gynaecological emergencies made easier. 9th Annual Hospital for Sick Children Paediatric Emergency Medicine Conference, Toronto, Ontario, Canada, 12 October 2012.

Caccia N. Understanding and addressing adolescent contraceptive needs. Credit Valley Hospital Family Practice Rounds, Toronto, Ontario, Canada, 5 June 2013.

Casper R. Endometriosis: Medical management of chronic pelvic pain. Invited Lecturer. Sunnybrook Health Sciences Centre Grand Rounds, Toronto, Ontario, Canada, 5 April 2013.

Casper R. Reproductive aging: Can we rejuvenate old eggs? Invited Lecturer. University of Toronto. City-wide Endocrinology Rounds, Toronto, Ontario, Canada, 7 February 2013.

Casper R. Fertility preservation: Oocyte cryopreservation. Invited Speaker. Society of Obstetricians and Gynaecologists of Toronto, Toronto, Ontario, Canada, 22 January 2013.

Casper R. Present and future uses of umbilical cord blood stem cells. Invited Speaker. Etobicoke General Hospital OB/GYN Rounds, Etobicoke, Ontario, Canada, 11 December 2012.

Casper R. Management of endometriosis. Invited Speaker. Abbott SAB, Toronto, Ontario, Canada, 3 November 2012.

Casper R. Canadian experience with umbilical cord blood stem cells. Invited Speaker. York General Hospital OB/GYN Grand Rounds, Toronto, Ontario, Canada, 17 October 2012.

Chang P. Updates in reproductive technology. Merck, Toronto, Ontario, Canada, 14 November 2012.

Cheng M. Menopause. Toronto Cancer Caring Group Health Awareness Day, Toronto, Ontario, Canada, September 2012.

Christoffersen-Deb A. Improving maternal and infant health in Kenya with smartphones and smart CHWs. Presenter. Mount Sinai Hospital, Toronto, Ontario, Canada, 6 December 2012.

Diamond P. Urinary incontinence. Department of Family and Community Medicine Rounds, The Scarborough Hospital, Toronto, Ontario, June 2013.

Dodge J. Invited Speaker. Wound Care Conference. University Health Network, Toronto, Ontario, Canada, 2012.

Dodge J. Surgery for gynaecologic malignancies: Relevance for medical oncologists. Invited Speaker. Toronto, Ontario, Canada, 2012.

Dodge J. Gynaecologic malignancies for primary care. Invited speaker. Toronto, Ontario, Canada, 2012.

Drutz H. Current treatments for stress urinary incontinence: What is the evidence? New research into the use of autologous myosites to treat SUI. Mount Sinai Hospital, Toronto, Ontario, Canada, 21 September 2012.

Farrugia M, Shapiro H, Ferguson S. Communication in the culture of medicine. Invited Speaker. Interhospital Grand Rounds, Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, Canada. 2 November 2012.

Farrugia M, Bocking AD. Communication, culture and wellness in the Department of Ob/Gyn. Speakers. Presentation to Dean's Committee (Clinical Chiefs), University of Toronto, Toronto, Ontario, Canada, 9 January 2013.

Ferguson SE. Screening for Lynch Syndrome in unselected women with endometrial cancer. Invited Speaker. UHN Ovarian Cancer Research Group Monthly Meeting, Toronto, Ontario, Canada, 7 June 2013.

Ferguson SE. Women as Clinician Scientists: Unique challenges in clinical research and unique challenges for surgeon scientists. Invited Speaker. CIP Seminar Series: Women as Clinician Scientists. University of Toronto Clinician Investigator Program, Toronto, Ontario, Canada, 17 September 2012.

Freire-Lizama T, Berger H. Soft markers in obstetrics ultrasound. Grand Rounds, Department of Family Medicine, St. Michael's Hospital, University of Toronto, Toronto, Ontario, Canada, 20 June 2013.

Freire-Lizama T, Campbell D, Andrews J. SMH Quality Control: Process and review of key cases. Grand Rounds, Department of Obstetrics and Gynaecology, St. Michael's Hospital, University of Toronto, Ontario, Canada, 28 June 2013.

Freire-Lizama T. National Day of Action on Refugee Health Care. Invited Speaker. Canadian Doctors for Refugee Care, Toronto, Ontario, Canada, 17 June 2013.

Freire-Lizama T. Working with uninsured women. Panel discussion. Refresher in Primary Maternity Care. University of Toronto, Toronto, Ontario, Canada, 3 May 2013.

Freire-Lizama T. Select topics in Maternal-Fetal Medicine. Midwifery III Intensive Course, Ryerson University, Toronto, Ontario, Canada, 25 April 2013.

Freire-Lizama T. Global Heart Hour. Invited Speaker. Medical Student Incentive. University of Toronto, Toronto, Ontario, Canada, 11 February 2013.

Freire-Lizama T. The OB LQCC Experience. Quality Control Educational Half-Day, St. Michael's Hospital (Li Ka Shing Centre), Toronto, Ontario, Canada, 20 November 2012.

Freire-Lizama T. When to do a Caesarian Section? OB-ICU Education Day, St. Michael's Hospital (Li Ka Shing Centre), Toronto, Ontario, Canada, 25 September 2012.

Greenblatt G, Reid DM, Brown PC, Kolomietz E, on behalf of the MSH/CFRH PGD working group. Preimplantation Genetic Diagnosis (PGD) / Preimplantation Genetic Screening (PGS) of Embryos: Who, When, Where, What and Why. Invited Speakers. Interhospital Rounds 2012-2013, Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, Canada, 11 January 2013.

Hui D. Diagnostic tests. Invited Lecturer. Clinical Epidemiology Course for University of Toronto Fellowship Programs in Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, Canada, September 2012.

Hui D. Assessment of fetal well-being. Invited Speaker. Mount Sinai Hospital, Toronto, Ontario, Canada, February 2013.

Hui D, Simpson A. Assessment of fetal wellbeing. Invited Speaker. University of Toronto, Department of Obstetrics and Gynaecology Resident Teaching, Toronto, Ontario, Canada, November 2012.

Kanee A. Urinary incontinence and pelvic organ prolapse. Family Medicine Day, Etobicoke Family Medicine Group, Toronto, Ontario, Canada, 17 October 2012.

Kaufman M, **Spitzer R.** Contraception for adolescents with thrombophilia. Haemostasis/Thrombosis Rounds 2012, Department of Haematology, Hospital for Sick Children, Toronto, Ontario, Canada, 8 November 2012.

Kingdom J, Forte M. OP/OT: Assessment and manual rotation. Workshop. Refresher in Primary Maternity Care, Toronto, Ontario, Canada, May 2013.

Kingdom J. Serum markers and placental dysfunction – An update. MFM/Prenatal Diagnosis Rounds, Department of Obstetrics and Gynaecology, Prenatal Diagnosis Unit, Mount Sinai Hospital, Toronto, Ontario, Canada, April 2013.

Kingdom J. Placental function and IUGR. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013, Toronto, Ontario, Canada, February 2013.

Kingdom J, Berger H. Fetal wellbeing and Doppler. Workshop. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013, Toronto, Ontario, Canada. February 2013.

Kingdom J. Why bother with placental pathology? Obstetrical Malpractice: A Survival Guide for 2013, Mount Sinai Hospital, Toronto, Ontario, Canada, January 2013.

Kingdom J, Lefebvre G. Overview of promotion to Associate Professor. Workshop. Department of Obstetrics & Gynaecology, University of Toronto Alumni 125th Year Celebration and Faculty Professional Development Day, Toronto, Ontario, Canada, November 2012.

Kingdom J, Pitfalls with umbilical artery Doppler. Fetal Medicine Update 2012 Course in partnership with University of Toronto, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, Canada, October 2012.

Kingdom J, Making sense of preeclampsia. 10th Annual Obstetric Anaesthesia Conference & Workshop, Toronto, Ontario, Canada, September 2012.

Kirkham Y. Adolescent Gynaecology. North York General Hospital, Department of Paediatrics Rounds, Toronto, Ontario, Canada, 26 November 2012.

Kirkham Y. Gynaecology in a nutshell. Women's College Hospital, Department of Family Practice Rounds, Toronto, Ontario, Canada, 12 September 2012.

Kives SL. Hot Topics - DVT & OCP. Mount Sinai Hospital, Toronto, Ontario, Canada, December 2012.

Lackie E. Managing contraception and peri-abortion care. 2012 Family Planning Update: Department of Obstetrics and Gynaecology, University of Toronto/Mount Sinai Hospital, Toronto, Ontario, Canada, December 2012.

Lackie E. ADVOCATE: Advancing Intrauterine Contraceptive Education. Presented to various groups, including Family Physicians, Nurse Practitioners and Health Educators of the Bay Centre for Birth Control, Scarborough Family Health Team, Toronto, Ontario, 2012 – ongoing.

Lausman AL. Update on Obstetrics. Grand Rounds, Family Medicine, St. Michael's Hospital, Toronto, Ontario, Canada, 2 April 2013.

Lausman AL. Update on Doppler in IUGR fetus. CME: MSH Ultrasound Course, Toronto, Ontario, Canada, 23 February 2013.

Lausman AL. Preterm labour - An update. Grand Roundsm Toronto East General Hospital, Toronto, Ontario, Canada, 30 January 2013.

Lausman AL. Medical complications of pregnancy – What's new? SOGC Ontario CME, Toronto, Ontario, Canada, 8 December 2012.

Lausman AL. Fetal heart-rate monitoring. Boot Camp 2012, University of Toronto, St. Michael's Hospital, Toronto, Ontario, Canada, 14 August 2013.

Lovatsis D, Drutz H. Laparoscopic suturing workshop. Toronto Urogynaecology CME, Toronto, Ontario, Canada, 8 June 2013.

Lovatsis D, Drutz H. Vaginal obliterative surgery. Invited Speaker. Toronto Urogynaecology CME, Toronto, Ontario, Canada, 7 June 2013.

Lovatsis D, Radomski S, Drutz H. The use of preoperative urodynamics. Debate. Toronto Urogynaecology CME, Toronto, Ontario, Canada, 7 June 2013.

Lyons ER. Approach to interpretation of FHR. Invited Speaker. MoreOB Steering Committee, Toronto, Ontario, Canada, July 2012.

Malinowski AK. Fetal tumours. Invited Speaker. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013, Toronto, Ontario, Canada, 24 February 2013.

Malinowski AK. Spine. Invited Speaker. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013, Toronto, Ontario, Canada, 22 February 2013.

Malinowski AK. Doppler in the Fetal CNS. Invited Speaker. Fetal Medicine Update, Mount Sinai Hospital, Toronto, Ontario, Canada, 20 October 2012.

Malinowski AK. Open neural tube defects: Defining the level and prediction of function. Invited Speaker. Fetal Medicine Update, Mount Sinai Hospital, Toronto, Ontario, Canada, 19 October 2012.

Malinowski AK Genetic screening options in pregnancy. Invited Speaker. Maternal Diseases in Pregnancy, Nursing Rounds, Mount Sinai Hospital, Toronto, Ontario, Canada, 12 October 2012.

Meffe F. Career Panel. Panel Guest. OHPSA (Office of Health Professions Student Affairs) Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada, 26 February 2013.

Meffe F. Giving effective feedback. Speaker. Faculty Development Session for Centre for Fertility and Reproductive Health, Division of Reproductive Sciences, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, Canada, January 2013.

Meffe F. Giving effective feedback: A practical, painless and powerful approach. Speaker. Faculty Development Session for the Faculty Development Half-Day, Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, Canada, November 2012.

Meffe F, Dang K. Teaching Small Classes with Pizzazz – Interactive Teaching. Speaker. Faculty Development Session for Department of Physiology Retreat 2012, University of Toronto, Toronto, Ontario, Canada, November 2012.

Moskovtsev SI. Spermatogenesis. PSL 420F/1420F Reproductive Physiology, Department of Physiology, University of Toronto, Toronto, Ontario, Canada, 4 October 2012.

Murphy KE. Antenatal corticosteroids: Where are we now and the current state of knowledge. Invited Speaker. Pregnancy and Birth: Current Clinical Issues Conference. Sunnybrook and Women's College Health Sciences Centre, Toronto, Ontario, Canada, December 2012.

Murphy KE. HIV in pregnancy. Invited speaker. Humber River Regional Hospital Grand Rounds, Toronto, Ontario, Canada, November 2012.

Murphy KE. Pregnancy, placentas and HIV. Invited Speaker. Joint MFM-Research Centre for Women's and Infants' Health (RCWIH) Seminar 2013, University of Toronto, Toronto, Ontario, Canada, May 2013.

Murphy KE. Congenital infections in pregnancy. Invited Speaker. Infectious Diseases/Microbiology Seminar, Invited Speaker. Toronto General Hospital, Toronto, Ontario, Canada, May 2013.

Murphy KE. Domestic violence in pregnancy. Invited Speaker. Lecture for MFM Journal Club Rounds, Mount Sinai Hospital, Toronto, Ontario, Canada, April 2013.

Murphy KE. Research methodology. Distinguished Speaker. Clinical Research Conference: Increasing Awareness and Streamlining Research, Mount Sinai Hospital, Toronto, Ontario, Canada, February 2013.

Murphy KE. Good clinical practice. Distinguished Speaker. Clinical Research Conference: Increasing Awareness and Streamlining Research, Mount Sinai Hospital, Toronto, Ontario, Canada, February 2013.

Murphy KE. Congenital infections in pregnancy. Invited Speaker. Infectious Diseases/Microbiology Seminar, Toronto General Hospital, Toronto, Ontario, Canada, January 2013.

Murphy KE. Double trouble: Management of multiple gestations. Invited Speaker. Clinical Issues in Pregnancy and Child Development – Masters of Science Degree Program in Genetic Counselling, Mount Sinai Hospital, Toronto, Ontario, Canada, November 2012.

Murphy KE. Evidence-based Doppler after 25 years. Fetal Medicine Update, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, October 2012.

Murphy KE. Pregnancy and HIV – An Update. Invited Speaker. Toronto General Hospital, Toronto, Ontario, Canada, September 2012.

Murphy J. Cervical cancer screening update. Invited Speaker. Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, Canada. 30 November 2012.

Murphy J. New Ontario cervical screening guidelines. Presenter. University of Toronto Department of Obstetrics and Gynaecology Grand Rounds, Toronto, Ontario, Canada, 7 September 2012.

Nagy A. Toward understanding the process of somatic cell reprogramming to pluripotency. Mount Sinai Hospital Obstetrics and Gynaecology Rounds, Toronto, Ontario, Canada, November 2012.

Nagy A. Toward understanding the process of somatic cell reprogramming to pluripotency. Li Ka Shing Knowledge Institute, St. Michael's Hospital Research Retreat, Geneva Park, Orillia, Ontario, Canada, November 2012.

Nagy A. Human development and biology. Mississauga Academy, University of Toronto, Toronto, Ontario, Canada, November 2012.

Nagy A. Transgenics, chimeras, conditional mutagenesis (Cre, Flp) - Animal Modeling - IMS graduate module lecture, University of Toronto, Toronto, Ontario, Canada, February 2013.

Nevin Lam A. Mirena – yes, you can use it in your adolescent population. Paediatric Update 2013. North York General Hospital, Toronto, Ontario, Canada, March 2013.

Nevin Lam A. When to worry about ovarian cysts in kids. Update 2013. North York General Hospital, Toronto, Ontario, Canada, March 2013.

Okun N. NIPT (Non-invasive prenatal testing): Rethinking prenatal screening in Ontario. Invited Speaker. 21st Annual New Developments in Prenatal Diagnosis and Medical Genetics, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, May 2013.

Okun N. What's new in prenatal screening. Invited Speaker. St. Joseph's Health Centre Grand Rounds, Toronto, Ontario, Canada, April 2013.

Okun N. Will current prenatal screening practices become obsolete? Presenter. 16th Annual Obstetric Ultrasound: Setting the Standard for 2013, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, February 2013.

Okun N. Screening for preeclampsia and IUGR. Invited Speaker. 2012 Fetal Medicine Update, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, October 2012.

Robertson DG. Common vulvar complaints. Invited Speaker. Workshop, St. Michael's Hospital Women's Health Symposium 2013, Toronto, Ontario, Canada. 2 February 2013.

Robertson DG. Polyps – what is a doctor to do? Invited Speaker. St. Michael's Hospital Women's Health Symposium 2013, Toronto, Ontario, Canada, 2 February 2013.

Robertson DG. Vulvodynia. Invited Speaker. Pelvic Health Symposium, Toronto, Ontario, Canada, 8 December 2012.

Satkunaratnam A, Allen L, Arthur R, Tone A. Tubal occlusion in 2013 – What factors influence choice of method? Invited Speaker. Mount Sinai Hospital, Toronto, Ontario, Canada. 21 June 2013.

Seaward PGR. Abnormal labour. University of Toronto Resident Teaching Seminar, Toronto, Ontario, Canada, 16 October 2012.

Selk A. Vulvar dermatology -- An introduction. Lecturer. Grand Rounds, University of Toronto Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, Canada, 26 October 2012.

Shapiro H. Reproductive Failure II, Infertility. Invited Lecturer. MSc. in Genetic Counselling, Department of Genetics, University of Toronto, Toronto, Ontario, Canada, 5 November 2012.

Shier M. New Ontario Cervical Screening Guidelines. Plenary Session. St Michael's Hospital 3rd Annual Women's Health Day. Toronto, Ontario, 2 February 2013.

Shier M. Practical management of cervical cytology results. Workshop. St Michael's Hospital 3rd Annual Women's Health Day. Toronto, Ontario, 2 February 2013.

Shier M. New Ontario Cervical Screening Guidelines. Sunnybrook Health Science Centre Obstetrics and Gynaecology Grand Rounds, Toronto, Ontario, February 8, 2013.

Soroka D. Office management of pelvic organ prolapse. 4th Annual Women's Health Symposium, Toronto, Ontario, Canada, 8 February 2013.

Spitzer RF. Global reproductive health. Institute of Medical Sciences, University of Toronto, Toronto, Ontario, Canada, 29 May 2013.

Spitzer RF, Christoffersen-Deb A, Songok J. Global Reproductive Health. University of Toronto postgraduate program in Obstetrics and Gynaecology, Toronto, Ontario, Canada, 4 December 2012.

Spitzer R. Hot Topic: Adolescent contraception. Mount Sinai Hospital Family Planning Review Day, Toronto, Ontario, Canada, 1 December 2012.

Stein R. Indications and techniques for Mirena. Bayer, Toronto, Ontario, Canada, 2013.

Stein R. Primary prevention of obstetrical complications. Department of Family Medicine Rounds, Trillium Health Partners, Toronto, Ontario, Canada, May 2013.

Tai M, Lee S, Visram S. Non-English maternal primary language is associated with increased risk of traumatic vaginal births. Most Responsible Physician Quality Program (MRP QIP), Toronto East General Hospital, Toronto, Ontario, Canada, December 2013.

Ternamian A. Risk management in operative hysteroscopy. Mississauga Gynaecology Group, Grand Rounds, Toronto, Ontario, 24 October 2012.

Whittle W. Transvaginal Ultrasound Workshop. University of Toronto/Mount Sinai Hospital Ultrasound Course, Toronto, Ontario, Canada, February 2013.

Whittle W. Preterm birth and cervical length ultrasound. University of Toronto/Mount Sinai Hospital Ultrasound Course, Toronto, Ontario, Canada, February 2013.

Windrim R. A team-based approach to placenta percreta: The MSH experience. The Invasive Placenta Team, Mount Sinai Hospital, Toronto, Ontario, Canada, 8 February 2013.

Windrim R. Practical tips for obtaining good Doppler. Fetal Medicine Update, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada, 20 October 2012.

Wolfman W. Alternatives to HRT: What's coming down the pipeline. 9th Annual Mature Women's Health Care, Mount Sinai Hospital, Toronto, Ontario, Canada. 19 April 2013.

Wolfman W. Update on menopause 2012. Urogynaecology Rounds 2012, Mount Sinai Hospital, Toronto, Ontario, Canada, 28 November 2012.

Wolfman W. The art and science of menopause. Interhospital Rounds, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, 12 October 2012.

Wong S. Bootcamp: Ultrasound 101 - Physics, instrumentation, and safety, live scanning, using ultrasound to enhance the diagnosis and management of GYN pathology. Lecture series. University of Toronto, Toronto, Ontario, Canada, 3 July 2012.

ORAL AND POSTER PRESENTATIONS

National and International Meetings

Aarabi M, Balakier H, Alladin N, Sojecki A, **Librach C**, Oko R. Sperm-originated postacrosomal WW binding protein (PAWP) induces calcium oscillation and oocyte activation in mammalian oocytes. The Society for the Study of Reproduction (SSR) meeting, Montreal, Quebec, Canada, July 2012.

Aarabi M, Balakier H, Ferrer M, Sojecki A, **Librach C**, Oko R. Sperm PAWP activates mammalian metaphase II arrested oocytes by inducing calcium oscillations. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, September 2012.

Alladin N, Lulat A, **Librach CL**, **Moskovtsev SI**. Evaluation of chromocenter in motile and immotile sperm population using 3D image analysis. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Asztalos E, **Murphy KE**, Hannah M, Willan A, **Matthews S**, **Ohlsson A**, Kelly E, Saigal S, Ross S, Delisle MF, Guselle P, Armson A, **Lee S**, Gafni A, Sananes R, Rovet J, Amankwah K. Oral.

Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study: 5-year Outcomes (MACS-5). Society for Maternal-Fetal Medicine, San Francisco, California, USA, February 2013.

Barrett J, **Aztalos E**, Willan A, Joseph KS, Armson A, Hutton E, Allen A, **Ohlsson A**, Ross S, Farrell S, Gafni A, **Okun N**, **Hannah M**. The Twin Birth Study: A multicenter RCT of planned Cesaerean section and planned vaginal birth for twin pregnancies 320 to 386/7 weeks. Society for Maternal-Fetal Medicine Annual Meeting, San Francisco, California, USA, February 2013.

Bernardini MQ, McAlpine JN, Allo G, Kalloger SE, Al-Agha O, Louie K, Clarke B, Gilks B. Characterization of serous and high grade endometrioid cancer of the uterus using immunohistochemistry. IGCS, Vancouver, British Columbia, Canada, 14 October 2012.

Barbera L, Gien L, Thomas G, **Covens A**, Elit L, Fyles A, Rakovitch E, Liu Y, Khalifa M. Completeness of pathology reporting and impact of pathology review in population-based cohort of vulvar cancer patients. 14th Biennial Meeting of the International Gynecologic Cancer Society, Vancouver, British Columbia, Canada, October 2012.

Barrett JF. The Twin Birth Study: A multicentre international randomized controlled trial of planned Caesarean section and planned vaginal birth in twin pregnancies between 32 0/7 and 38 6/7 weeks gestation with the first twin in cephalic presentation. Annual Meeting, Society for Maternal-Fetal Medicine, San Francisco, California, USA, February 2013.

Bedaiwy MA, Nayot D, Missimer S, **Casper RF**. Fibrinolytics system gene polymorphisms and endometriosis risk: A prospective nested case-control investigation from the nurses' health study II. 61st Annual Meeting of the Pacific Coast Reproductive Society (PCRS), Indian Wells, California, USA, 17-21 April 2013.

Behrouzi B, Alladin N, Rammeloo A, **Moskovtsev SI, Librach CL**, Kenigsberg S. Potential biomarkers for the evaluation of sperm defects in patients with known DNA damage. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Ben-Meir A, **Bentov Y, Esfandiari N, Jurisicova A, Casper RF**. Reduced CoQ10 gene expression in mouse and human cumulus cells with aging. Canadian Fertility and Andrology Society, Ottawa, Ontario, Canada, 8 September 2012.

Ben Meir A, Borrego-Alvarez A, Wong E, **Casper RF, Jurisicova A**. Disruption of Pdss2 enzyme involved in CoQ10 synthetic pathway leads to premature ovarian failure. Society of Gynecologic Investigation (SGI) Summit Jerusalem 2013 "From implantation to parturition", Jerusalem, Israel, 28 May 2013.

Bentov Y. Does serum FSH concentration during IVF stimulation reflect follicular utilization of exogenous FSH? Oral presentation. The 17th Congress on Controversies in Obstetrics, Gynecology and Infertility, Lisbon, Portugal, 9 November 2012.

Bentov Y, Burstein E, Firestone RS, **Esfandiari N, Casper RF**. Does serum FSH concentration during IVF stimulation reflect follicular utilization of exogenous FSH? Poster presentation. The Canadian Fertility and Andrology Society, Ottawa, Ontario, Canada, 8 September 2012.

Bhattacharjee J, **Caniggia I**. GSK3 beta is responsible for altered MCL-1 expression in IUGR placentae. International Federation of Placenta Associations (IFPA) Annual Meeting, Hiroshima, Japan, 18-21 September 2012.

Bhattacharjee J, Rolfo A, **Caniggia I**. Novel role of pro-survival Mcl-1L in trophoblast cell proliferation in human placental development and in preeclampsia. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Boggs E, **Kives S, Lefebvre G**. Preceptorship in minimally invasive hysterectomy. SOGC Annual Clinical Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Casper R, Ben Meir A, **Bentov Y, Esfandiari N, Jurisicova A**. Cumulus cell CoQ10 synthesis and mitochondrial function in aged mice: Effect of CoQ10 supplementation. American Society for Reproductive Medicine (ASRM), San Diego, California, USA, 19 October 2012.

Chan P, **Moskovtsev S**, Kenigsberg S, **Librach C**. Evaluating changes in genomic integrity after overnight incubation of human spermatozoa. Southern Ontario Reproductive Biology Workshop, Toronto, Ontario, Canada, 26 April, 2013.

Chan PL, Moskovtsev SI, Kenigsberg S, Alladin N, **Librach CL**. Distribution of telomere length in human spermatozoa of patients undergoing fertility evaluation. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

He C, Bang KWA, **Nagy A**. VEGF/VEGFR2 autocrine signaling is essential to maintain stem-like properties of murine mammary gland tumor cells. Terry Fox Research Institute 4th Annual Scientific Meeting, Ottawa, Ontario, Canada, May 2013.

Chemwolo B, **Caloia D**, Kirwa P, **Christoffersen-Deb A**, Washington S, Mwaliko E, Sitters J. Raising standards in reproductive health: Experience in implementing protocols at Moi Teaching and Referral Hospital. 37th Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society, Eldoret, Kenya, 13-15 February 2013.

Claessens EA, Blanco-Mejia S, Maroleanu M, Moruzanu M, **Ryan EAJ**. Pregnancy outcome in 401 cycles in women with diminished ovarian reserve undergoing controlled ovarian hyperstimulation and intrauterine insemination pretreated with exogenous androgens. Canadian Fertility and Andrology Society Annual Meeting, Ottawa, Ontario, Canada, 22 September 2012.

Claessens EA, Blanco-Mejia S, Maroleanu M, Moruzanu M, **Ryan EAJ**. Analysis of 146 cycles of in vitro fertilization in women with diminished ovarian reserve or premature ovarian failure undergoing IVF. Canadian Fertility and Andrology Society Annual Meeting, Ottawa, Ontario, Canada, 22 September 2012.

Clarke B, Feigenberg T, Virtanen C, **Letarte M**, Kollara A, **Rosen B**, **Bernardini M**, **Brown TJ**, **Murphy J**. Non ascites forming high grade serous carcinoma in pelvis is associated with immune signature and characterized by T and B cell infiltration. United States and Canadian Academy of Pathology/Society for Pediatric Pathology Annual Meeting, Baltimore, Maryland, USA, March 2013.

Corso A, Tonge P, Clancy J, Patel H, Puri M, International PG Consortium, Preiss T, **Nagy A**. Integrating dynamic MicroRNA expression and epigenetic control during somatic cell reprogramming. ISSCR Annual Meeting Poster Fair, International Stem Cell Conference, Boston, Massachusetts, USA, June 2013.

Cybulska P, Stewart J, **Bernardini MQ**, Neel BG. Disulfiram induces cell death in BRCA2wt ovarian cancer cells. Society of Gynecologic Oncology of Canada, Calgary, Alberta, Canada. 15 June 2013.

Cybulska P, Stewart J, Clarke B, Neel BG, **Bernardini MQ**. High grade serous ovarian cancer xenografts: Pre-clinical predictors of response to chemotherapy. Society of Gynecologic Oncology of Canada, Calgary, Alberta, Canada, 15 June 2013.

Cydzik M, Bowden K, Kollara A, Park S, Ringuette M, **Brown TJ**, Garipey J. Inhibition of angiogenesis by SPARC mimetic peptides targeting VEGF. 23rd American Peptide Symposium, Hilton Waikoloa Village, Hawaii, USA, 22-27 June 2013.

Dar S, Grover S, **Moskovtsev SI**, Dacanay D, **Librach CL**. Pregnancy rates and miscarriages in ICSI cycles with very high DNA damaged sperm (>50%). American Society of Reproductive Medicine Annual Meeting, San Diego, California, USA, 20-24 October 2012.

Dar S, **Librach C**, Gunby J, Bissonnette F, and Cowan L. Increased risk for preterm birth in singleton pregnancies after blastocyst vs. Day 3 embryo transfer – Canadian ART Register Analysis. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Darara O, Kahari N, Schwarz D, **Thistle P**. “How do I get to the hospital?” – Patient transportation: The missing link in the referral chain. XIX International AIDS Conference (AIDS 2012), Washington DC, USA, 22-27 July 2012.

Del Valle Rebeil A. Does the duration of cryostorage affect human sperm function after thawing? 58th Annual Meeting of the Canadian Fertility and Andrology Society, Ottawa, Ontario, Canada, 6-9 September 2012.

Del Valle Rebeil A. Recombinant human oviduct-specific glycoprotein enhances in vitro capacitation and acrosome reaction of human spermatozoa. 58th Annual Meeting of the Canadian Fertility and Andrology Society, Ottawa, Ontario, Canada, 6-9 September 2012.

Dorman K, Satterswaite L, **Pittini R.** A training cascade for interprofessional surgical and obstetrical care in Ethiopia. Association for Surgical Education, Orlando, Florida, USA, April 23, 2013.

Dorman K, **Pittini R.** A training cascade for interprofessional surgical and obstetrical care in Ethiopia. The Richard K. Reznick Wilson Centre Research Day, Wilson Centre for Research in Education, University of Toronto, Toronto, Ontario, Canada, October 2012.

Dubuc E, **Allen L, Kives S.** Intra-uterine mass in an adolescent. Poster. 27th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynecology (NASPAG), San Diego, California, USA, 19 April 2013.

Dubuc E, **Allen L,** Ota K, Tulloch T, **Kirkham Y,** Barlow E, Dumont T, Hoyle C, Maser C, Yau Y, Katzman D, Richardson S. Poster Presentation. Optimal sampling strategy for the detection of C.Trachomatis (CT) and N. Gonorrhea (NG) in adolescent females using nucleic acid amplification testing. 27th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynecology (NASPAG), San Diego, California, USA, 19 April 2013.

Dubuc E, **Kirkham Y, Allen L, Ornstein M, Spitzer R, Caccia N.** Development of eLearning modules covering the basics of paediatric and adolescent gynaecology for Obstetrics and Gynaecology Postgraduate Trainees. Poster. Association of Academic Professionals in Obstetrics and Gynaecology Annual Meeting, Toronto, Ontario, Canada, November 2012.

Eiriksson L, Aronson M, Clarke B, **Oza A,** Mojtahedi G, Gallinger S, Pollett A, Mackay H, **Bernardini M, Ferguson SE.** Brief family history questionnaire for identification of Lynch Syndrome in women with newly diagnosed endometrial cancer. 16th Annual Meeting of the Collaborative Group of the Americas on Inherited Colorectal Cancer (CGA-ICC), Boston, Massachusetts, USA, 27 October 2012.

Eiriksson L, Kaur H, Ismiil N, **Covens A,** Saad R, Khalifa M, Nofech Mozes S, Dube V, Ghorab Z, and Barbera L. Risk of recurrence in Stage III, high grade endometrial cancer by primary tumor factors and treatment received. 14th Biennial Meeting of the International Gynecologic Cancer Society, Vancouver, British Columbia, Canada, October 2012.

Eiriksson LR, Reade CJ, Lennox G, Mojtahedi G, **Murphy J, Ferguson SE, Bernardini MQ.** Ovarian cancer: Distribution of histologic subtypes, stage, and screening performance. American Society of Clinical Oncology, Chicago, Illinois, USA, 3 June 2013.

Eiriksson L, Aronson M, Mojtahedi G, Pollett A, Gallinger S, **Oza A,** Mackay H, **Bernardini M,** Lerner-Ellis J, Clarke B, **Ferguson SE.** Screening for Lynch Syndrome in unselected women with endometrial cancer. Oral Presentation. GOC 34th Annual Meeting, The Society of Gynecologic Oncology of Canada, Calgary, Alberta, Canada, 14 June 2013.

Fazena LE, Chemwolob BT, Ruhl LJ, Songok JJ, **Christoffersen-Deb A**. Evaluating handheld clinical-decision support tools to improve community-based delivery of reproductive and paediatric health services. 37th Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society, Eldoret, Kenya, 13-15 February 2013.

Feigenberg T, Clarke B, Virtanen C, **Letarte M**, Kollara A, **Rosen B**, **Bernardini M**, **Brown TJ**, **Murphy J**. Non-ascites forming advanced stage serous ovarian cancer is related to a superior epithelial antigen presentation and enhanced infiltrating T cells response. Society of Gynecologic Oncology (SGO) Annual Meeting on Women's Cancer, Los Angeles, California, USA, 9-12 March 2013.

Feigenberg T, **Murphy J**. Non-ascites forming advanced stage serous ovarian cancer is characterized by a unique immune response gene profile. International Gynecologic Cancer Society, Vancouver, British Columbia, Canada, 15 October 2012.

Ferguson SE, Aronson M, Eiriksson L, Mojtahedi G, Pollett A, Gallinger S, **Oza A**, Mackay H, **Bernardini M**, Lerner-Ellis J, Clarke B. Oral Presentation. Screening for Lynch Syndrome in unselected women with endometrial cancer. American Society of Clinical Oncology, Chicago, Illinois, USA, 4 June 2013.

Fong K, Dengler J, **Toi A**, Menezes R, Karimzad Y, **Okun N**. Prospective study of intracranial translucency and brain-stem to brain stem to occipital bone ratio in normal fetuses at 11-13/14 weeks. International Society for Obstetrics and Gynecology, Copenhagen, Denmark, September 2012.

Garbedian K, Boggild M, Moody J, **Liu K**. The impact of vitamin D status on implantation and clinical pregnancy rates following in vitro fertilization. Poster. CFAS Annual Meeting, Ottawa, Ontario, Canada, 6 September 2012.

Garcia J, **Caniggia I**. Death by Cooperation: Mtd interaction with McI1 and its killing ability. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Gien L, Barbera L, Thomas G, **Covens A**, Elit L, Fyles A, Rakovitch E, Liu Y, and Khalifa M. Pathologic factors associated with groin node metastasis in a population-based cohort of vulvar cancer patients. 14th Biennial Meeting of the International Gynecologic Cancer Society, Vancouver, British Columbia, Canada, October 2012.

Gray A, Henshaw C, Wright J, Leah J, **Caloia D**, **Spitzer RF**, Orango O, Chemwolo B, Tierney WT. Effect of EMR implementation on clinical time, patient and staff satisfaction and chart completeness in a resource-limited antenatal clinic in Western Kenya. Oral. Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society (KOGS), Eldoret, Kenya, 13 February 2013.

Grover S, **Librach C**. Single nucleotide polymorphisms (SNPs) located in the 3' untranslated region of HLA-G are associated with preeclampsia. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Grover S, Moskovtsev SI, Dacanay D, **Librach CL**. ICSI is a good treatment option for patients with very high DNA fragmentation (>50%). Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Grover S, Shmorgun Z, Christensen J, Sojecki A, **Moskovtsev SI, Librach CL**. A retrospective analysis of same sex male couples and single men seeking fertility treatment. Advancing Excellence in Gender, Sex and Health Research, CIHR Sponsored Conference, Toronto, Ontario, Canada, October 2012.

Grover S, Shmorgun Z, Christensen J, Sojecki A, **Moskovtsev SI, Librach CL**. Analysis of a cohort of gay men seeking help with third-party reproduction. American Society of Reproductive Medicine (ASRM) Meeting, San Diego, California, USA, 20-24 October 2012.

Hacibekiroglu S, Michael IP, **Nagy A** et al. Combined cell and gene therapy towards the treatment of age-related macular degeneration and diabetic retinopathy. ISSCR, 11th Annual Meeting, Boston, Massachusetts, USA, June 2013.

Hassouna M, Medel S, **Lovatsis D, Alarab M, Drutz HP**. Outcome of laproscopic two-team sling, tension-free vaginal tape (TVT) and trans-obturator tape (TOT) for women with recurrent stress urinary incontinence: A retrospective cohort study. Joint Meeting of the International Urogynecological Association, UGSA, and the Continence Foundation of Australia IUGA, Brisbane, Australia, 5 September 2012.

Hawkins L, **Spitzer RF, Christoffersen-Deb A**. Leah J, Mabeya H. Characteristics and surgical success of patients presenting for repair of obstetric fistula in Western Kenya. Oral Presentation. Annual Scientific Conference. Kenya Obstetrical and Gynaecological Society (KOGS), Eldoret, Kenya, 15 February 2013.

Hong SH, Maghen L, Rammeloo A, Gauthier-Fisher A, **Librach CL**. Evaluation of the cardiomyogenic potential of human umbilical cord-derived perivascular cells. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Hoyt L, Masih S, Ly A, Aufreiter S, Croxford R, **Lausman AY, Berger H**, O'Conner DL, Kim Y-I. Detectable levels of unmetabolized folic acid in Canadian pregnant women. Experimental Biology Conference, Boston, Massachusetts, USA, 23 April 2013.

Hoyt L, Masih S, Ly A, Croxford R, **Lausman AY, Berger B**, O'Conner DL, Kim Y-I. Intakes, sources and blood levels of folate in Canadian pregnant women in post-fortification era. Experimental Biology Conference, Boston, Massachusetts, USA, 23 April 2013.

Jones C, **Liu K**. The effects of insurance coverage for fertility medications on fertility treatment decisions. CFAS Annual Meeting, Ottawa, Ontario, Canada, 6 September 2012.

Kaur R, **Okun N**, Sava N, Landry E, Shantz A, Tzianetas R, Catalano A. Marketing strategy to drive adoption and content generation for a pan-Canadian cancer control knowledge management platform. University of Toronto, Institute of Health Policy, Management and Evaluation Research Day, University of Toronto, Toronto, Ontario, Canada, May 2013.

Kaur R, **Okun N**, Sava N, Landry E, Shantz A, Tzianetas R, Catalano A. A cost analysis of the introduction of non-invasive prenatal testing into the prenatal screening program for Down syndrome in Ontario. University of Toronto, Institute of Health Policy, Management and Evaluation Research Day, University of Toronto, Toronto, Ontario, Canada, May 2013.

Kenigsberg S, Hong SH, Maghen L, Rammeloo A, Gauthier-Fisher A, **Librach C**. Molecular profiling of exosomes in human follicular fluid: Characterization and comparison between infertile patient groups. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada. 6-9 September 2012.

Khan M, Ahmed I, Balki M, **Farine D, Seaward G, Carvalho J**. Carbetocin at elective Cesarean delivery: A randomized controlled trial to determine the effective dose, Part 3 - FINAL. 45th Annual Society of Anesthesia & Perinatology, San Juan, Puerto Rico, USA, 24 April 2013.

Kufaishi H, **Alarab M, Drutz HP, Lye S, Shynlova O**. Fibroblasts derived from premenopausal women with and without severe Pelvic Organ Prolapse: Differential characteristics and effect of mechanical stretch. IUGA 38th Annual Meeting, Dublin, Ireland, 1 June 2013.

Kufaishi H, **Alarab M, Drutz HP, Lye S, Shynlova O**. Effect of mechanical stretch and extra cellular matrix proteins on vaginal fibroblasts derived from women with and without severe pelvic organ prolapse. SGI Scientific Meeting, Orlando, Florida, USA, 20-23 March 2013.

Kufaishi H, **Shynlova O, Drutz HP, Alarab M**. Expression of modulators of collagen and elastin remodelling in vaginal tissue of premenopausal women with severe pelvic organ prolapse. Joint Meeting of the International Urogynecological Association, UGSA, and the Continence Foundation of Australia IUGA, Brisbane, Australia, 5 September 2012.

Kuznyetsov V, Ibarrientos Z, Motamedi G, **Librach CL**. A favourable impact of preimplantation aneuploidy screening (PGS) using array CGH on the clinical pregnancy rate. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada. September 2012.

Lee DK, **Caniggia I, Nevo O**. Attenuation of VEGFR-2 expression by soluble VEGFR-1 (sFlt-1) and hypoxia in the human placenta. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Ladhani NN, Milligan N, **Carvalho J**, Shah P, Ye X, Martin MJ, **Murphy KE**, Jordan A. Maternal hemodynamic changes in multiple gestation pregnancy: A longitudinal pilot study. Poster. Society for Maternal Fetal Medicine, San Francisco, California, USA, February 2013.

Lane K, Rossos P, **Murphy J**. Structured colposcopy and colonoscopy reporting: Perspectives on developing and implementing a Pan-Canadian solution. Presenter. Canada Health Infoway Fall 2012 Partnership Conference: Achieving Value in Healthcare, Vancouver, British Columbia, Canada, 29 November 2012.

Lennox G, **Allen L, Kives S, Kirkham Y**. Isolated tubal torsion cases in a paediatric and adolescent gynaecology population: Retrospective review of presentation and management. Oral. 27th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynaecology (NASPAG), San Diego, California, USA, 19 April 2013.

Li A, **Wolfman W**. Female genital tract graft-versus-host disease: A current retrospective review. North American Menopause Society, Orlando, Florida, USA, 3-6 October 2012.

Librach CL, Dar S, **Baratz A, Glass K, Sharma P**. Survey of Canadian REI's on the prevention and management of OHSS across Canada. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, September 2012.

Maghen L, Hong SH, Schwartz N, Kenigsberg S, Rammeloo A, Gauthier-Fisher A, **Librach CL**. SSEA-4 expression marks a highly proliferative and multipotent subpopulation of first trimester human umbilical cord-derived perivascular stem cells. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Masih S, **Berger H**. Intakes, sources and blood levels of folate in Canadian pregnant women in post-fortification era. Experimental Biology Conference, Boston, Massachusetts, USA, 23 April 2013.

McVey R, Segev Y, Clarke E, Grantcharov T, **Covens A**. Towards a consensus in technical skills assessment in gynaecologic oncology in Canada – An E-Delphi methodology. Annual Clinical Meeting of the Society of Gynecologic Oncology of Canada, Calgary, Alberta, Canada, June 2013.

Melland-Smith M, Post M, **Caniggia I**. Altered mechanisms of ASM regulation and processing in preeclampsia. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Miroschnichenko G, **Covens A**, Snelgrove J, Ismiil N, Nofech Mozes S, Dube V, Khalifa M, Ghorab Z. Radical vaginal trachelectomy-fertility outcomes and significance of the lower uterine segment presence in the superior margin of the pathologic specimen. 44th Annual Meeting of the Society of Gynecologic Oncology, Los Angeles, California, USA, 9-12 March 2013.

Morais M, McDonald S, Giglia L, Bassil K, Mehta C, **Murphy KE**, Shah P, Smith PA. How often are late preterm births preventable?: Analysis from two tertiary referral centres. Poster. Society for Maternal-Fetal Medicine, San Francisco, California, USA, February 2013.

Morais M, McDonald S, **Murphy KE**, Shah P, Mehta C, Smith PA, Bassil K, Giglia L. Late preterm birth. Oral. 36th Annual Eastern Canadian Perinatal Investigators Meeting, Toronto, Ontario, Canada, November 2012.

Moskovtsev SI, Alladin N, Balakier H, Bashar S, **Librach CL**. Sperm preparation for ICSI does not improve aneuploidy rates in patient with severe oligoasthenozoospermia. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Nguyen N, Carvalho CA, **Kingdom J**, **Windrim R**, **Allen L**, Balki M. Anaesthetic management using a multidisciplinary approach to women with invasive placentation: A review of 55 cases. CAS (Canadian Anesthesiologists Society) Annual Meeting, Calgary, Alberta, Canada, June 2013.

Nyongesa P, **Rosen B**, Orango O, Itsura P, **Christoffersen-Deb A**, Swarup M. Development of innovative sub-specialty training in gynaecologic oncology for low-income countries. 37th Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society, Eldoret, Kenya, 13-15 February 2013.

Omari S, **Juriscova A**. Identifying pathways involved in oocyte fate via regulation of MCL-1. 2012 Oct 2. Cold Spring Harbor Laboratory Germ Cell Meeting, Cold Springs Harbor, New York, USA, 2-6 October 2012.

Omenge E, Itsura P, Liu T, Mabeya H, **Christoffersen-Deb A**, Washington S, Cu-Uvin S. Six month follow-up of HIV-infected women after Visual inspection with Acetic Acid (VIA) and immediate cryotherapy in Western Kenya. 20th Conference on Retroviruses and Opportunistic Infections, Atlanta, Georgia, USA, March 2013.

Ouma MN, Chemwolo BT, Pastakia S, **Christoffersen-Deb A**, Washington S. Pilot study of single-use obstetric emergency medical kits to reduce maternal mortality. XX FIGO World Congress of Gynecology and Obstetrics, Rome, Italy, 7-12 October 2012.

Ouma MN, Chemwolo BT, Pastakia S, **Christoffersen-Deb A**, Washington S. Pilot study of single-use obstetric emergency medical kits to reduce maternal mortality. 37th Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society, Eldoret, Kenya, 13-15 February 2013.

Pittini R. Integrating web-based learner evaluation systems. Presenter. Canadian Conference on Medical Education, Quebec City, Quebec, Canada, 22 April 2013.

Qin J, **Farrugia M, Lackie E**. Access to termination of pregnancy for fetal anomalies in Ontario. Society of Obstetricians and Gynaecologists of Canada Annual Meeting, Calgary, Alberta, Canada, June 2013.

Rogers E, **Allen L, Kives S**. The recurrence rate of ovarian dermoid cysts in paediatric and adolescent girls. Oral. 27th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynaecology (NASPAG), San Diego, California, USA, 19 April 2013.

Rolfo A, Llano Pedra L, Todros T, **Caniggia I**. Dynamic role of noxa in regulating mitochondrial cell death and autophagy in the human placenta. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Shlush E, Hong SH, Kenigsberg S, Maghen L, Pereira S, Rammeloo A, Gauthier-Fisher A, **Librach CL**. In vitro differentiation of Sertoli and germ cells from first trimester human umbilical cord-derived perivascular stem cells (FTM-PVCs). Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Simpson AN, Feigenberg T, Clarke BA, **Gien LT**, Ismiil N, **Laframboise S**, Massey C, **Ferguson SE**. Fertility sparing treatment of complex atypical hyperplasia and low grade endometrial cancer using oral progestin. Society of Gynecologic Oncology Annual Meeting, Los Angeles, California, USA, 9 March 2013.

Spitzer RF, Kent NE, Nakajima AK, Shaw D. Development of a global health curriculum for Canadian Ob/Gyn postgraduate trainees. Poster. Consortium of Universities for Global Health (CUGH), Washington, District of Columbia, USA, 15 March 2013.

Spitzer RF, Taleski SJ, **Caloia D**, Thorne J, **Bocking AD, Christoffersen-Deb A**, Yarmoshuk A, Maina L, Sitters J, Chemwolo B, Orango O. Evaluation of the impact of an Emergency Obstetric and Neonatal Care (EMONC) Training Program at a referral centre in Kenya. Oral. Annual Scientific Conference, Kenya Obstetrical and Gynaecological Society, Eldoret, Kenya. 15 February 2013.

Spitzer RF, Taleski SJ, Thorne J, **Christoffersen-Deb A**, **Caloia D**, Yarmoshuk A, **Bocking AD**, Chemwolo BT, Omenge Eo. Evaluation of the impact of an Emergency Obstetrical and Neonatal Care (EMONC) Training Program at a referral centre in Kenya. Society of Obstetricians and Gynaecologists of Canada (SOGC) Annual Clinical Meeting, Calgary, Alberta, Canada, 12 June 2013.

Spitzer RF, Kent NE, Nakajima AK, Shaw D. Development of a global health curriculum for Canadian Ob/Gyn postgraduate trainees. Association of Professors of Obstetrics and Gynaecology Canada, Toronto, Ontario, Canada. 8 December 2012.

Sung H-K, Park JG, Son JE, Monetti C, Choi S, Cowling R, Michael IP, Ben-David Y, Koh GY, Pawson T, **Nagy A**. Dualistic effect of systemic vascular endothelial growth factor activity on tumorigenesis. Terry Fox Research Inst. 4th Annual Scientific Meeting, Ottawa, Ontario, Canada, May 2013.

Tagliaferro A, Sivasubramaniam T, **Caniggia I**. TGF Regulation of TAZ-Par6 interaction during placental development. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.

Tai M, Choi S, Coyte P. Economic evaluation study: The cost-effectiveness of three laparoscopic sterilization procedures in the prevention of ovarian cancer. Oral. Canadian Association for Health Services and Policy Research, Vancouver, British Columbia, Canada, 29 May 2013.

Tai M, Choi S, Coyte P. Economic evaluation study: The cost-effectiveness of three laparoscopic sterilization procedures in the prevention of ovarian cancer. Oral. Annual Clinical Meeting, SOGC, Calgary, Alberta, Canada, 11 June 2013.

Teichert A-M, Kenigsberg S, Rammelloo A, Pereira S, Maghen L, **Librach CL**. Assessment of global methylation of DNA in human sperm. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Teichert A-M, Kenigsberg S, Rammelloo A, Pereira S, Maghen L, **Librach CL**. Neural potential of first trimester human umbilical cord perivascular stem cells. Canadian Fertility and Andrology Society (CFAS) Annual Meeting, Ottawa, Ontario, Canada, 6-9 September 2012.

Ternamian A, Benhabib B, Bazikian A. Automated peritoneal access. Poster presentation. 21st Annual Congress, European Society for Gynaecological Endoscopy, Paris, France, 11-14 September 2012.

Thériault BL, Cybulska P, Neel B, Gallie BL, **Bernardini MQ**. The role of KIF14 in patient-derived primary cultures of ovarian cancer cells. Society of Gynecologic Oncology of Canada, Calgary, Alberta, Canada, 15 June 2013.

Tare M, Kenna KR, Sozo F, De Matteo R, Coleman HA, Walker DW, **Bocking AD**, Brien J, Harding R, Parki HC. Fetal alcohol exposure causes regional and persistent changes in vascular function and passive mechanical arterial wall properties. 2nd Joint Meeting of the British and American Microcirculation Societies and 62nd Meeting of the British Microcirculation Society, Keble College, Oxford, Oxford, United Kingdom, 2-5 July 2012.

Tonge P, Puri M, Hussein S, International PG consortium, **Nagy A.** High resolution analysis of cell state progression during reprogramming to ESC-like and an alternative induced pluripotent states. ISSCR, Boston, Massachusetts, USA, June 2013.

Tremblay C, **Satkunaratnam A.** Assessment tool for total laparoscopic hysterectomy: A Delphi consensus survey among international experts. Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, 11-14 June 2013.

van Amerom JFP, Roy CW, Prsa M, **Kingdom JC**, Macgowan CK, Seed M. Assessment of late-onset fetal growth restriction by phase contrast MR. ISMRM 21st Annual Meeting and Exhibition, Salt Lake City, Utah, USA, 20-26 April, 2013.

Yang SW, Li W, **Challis RG**, Reid G, Kim SO, **Bocking AD.** Probiotic *Lactobacillus rhamnosus* GR-1 supernatant blocks Lipopolysaccharide (LPS)-induced preterm birth in pregnant CD-1 mice through a progesterone independent pathway. 60th Annual Society for Gynecologic Investigation Scientific Meeting. Orlando, Florida, USA, March 2013.

Yang SW, Li W, **Challis RG**, Reid G, Kim SO, **Bocking AD.** Oral administration of live *Lactobacillus rhamnosus* GR-1 bacteria alters the vaginal microbiome profile in Pregnant CD-1 Mice. 60th Annual Society for Gynecologic Investigation Scientific Meeting, Orlando, Florida, USA, March 2013.





Obstetrics & Gynaecology
UNIVERSITY OF TORONTO

30th Annual RESEARCH DAY

FRIDAY, MAY 10, 2013

Old Vic Building

91 Charles Street West

Victoria University

University of Toronto

M5S 1K6

8:00 a.m. – 6:30 p.m.

HENDERSON LECTURE: 4:30 p.m. – 5:30 p.m.

Dr. Zulfiqar A. Bhutta

“Maternal Health and Nutrition: Global Challenges and Solutions!”

WINE & CHEESE RECEPTION: 5:30 – 6:30 P.M.

RESEARCH DAY, May 10, 2013

The Department of Obstetrics & Gynaecology **30th Annual Research Day** took place on Friday, May 10, 2013 and was once again a great success. There were 14 oral and 71 poster presentations by trainees from the Department, covering both basic and clinical work and showcasing the incredible research taking place throughout our Department. This was a record number of abstracts presented.

We also were very pleased to have **Dr. Zulfiqar A. Bhutta** give the Henderson Lecture this year. Dr. Bhutta is the Noordin Noormahomed Sheriif Endowed Professor and Founding Chair of the Division of Women and Child Health, at the Aga Khan University in Karachi, Pakistan and his timely topic, expertly executed, was “Maternal Health and Nutrition: Global Challenges and Solutions!” Thanks go to everyone who participated, the staff who helped put it together, and special thanks to all those faculty members who acted as Chairs and Judges and to the Research Committee, particularly Theodore J. Brown as Chair.

Below are listed the oral and poster presentations.



Oral Presentations

Graduate Student = G; Resident = R; Clinical Fellow = F; Post-Doctoral Fellow = PD; Medical Student = M; Presenter in *italics*; Faculty in **bold**.

O1 GSK3 β Differentially Regulates Mcl-1 Phosphorylation in PE and IUGR Placentae

Jayonta Bhattacharjee [PD] (1), **Isabella Caniggia** (1, 2, 3).

(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Departments of Obstetrics and Gynaecology and (3) Department of Physiology, University of Toronto.

O2 Activation of PPAR- γ Promotes HO-1 Induction in BeWo Cells: Implications for the Treatment of Severe Pre-eclampsia

Khrystyna Levytska [G] (1,2), Sascha Drewlo (3), Dora Baczyk (1), **John Kingdom** (1,2,4,5)

(1) Program in Development and Fetal Health, Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (2) Department of Laboratory Medicine and Pathobiology, University of Toronto; (3) Department of Obstetrics and Gynecology, C.S. Mott Center for Human Growth and Development, Wayne State University School of Medicine, Detroit, USA; (4) Maternal-Fetal Medicine Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital; (5) Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Canada

O3 Fertility Sparing Treatment of Complex Atypical Hyperplasia and Low Grade Endometrial Cancer Using Oral Progestin

Andrea N. Simpson [R] (1), Tomer Feigenberg (2), Blaise A. Clarke (3), **Lilian T. Gien** (4), Nadia Ismiil (5), **Stephane Laframboise** (2), Christine Massey (6), **Sarah E. Ferguson** (2)

(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Gynaecologic Oncology, Princess Margaret Hospital, (3) Department of Pathology and Laboratory Medicine, Toronto General Hospital, (4) Department of Gynaecologic Oncology, Sunnybrook Health Sciences Centre (5) Department of Pathology and Laboratory Medicine, Sunnybrook Health Sciences Centre, (6) Independent Biostatistician.

O4 Role of Short Wavelengths in Circadian Phase Resetting in Rats

Bojana Gladanac [G] (1,2), Shadab Rahman (3) and **Robert Casper** (1,2)

(1) Department of Obstetrics and Gynaecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (2) Institute of Medical Science, University of Toronto; (3) Division of Sleep medicine, Brigham and Women's Hospital, Harvard Medical School

O5 Stretch-Induced Myometrial Cytokines Enhanced Peripheral Neutrophil Recruitment via Endothelial Activation.

Yu-Hui Lee [G] (1), **Oksana Shynlova** (2,3), **Stephen J. Lye** (1,2,3)

(1) Departments of Physiology, (2) Obstetrics and Gynaecology, University of Toronto, (3) Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

O6 Single Course Antenatal Glucocorticoid Has Multigenerational Effects on Growth, Endocrine Function and Behaviour

Vasilis G Moisiadis[G](1), Paul Blakeley(1), Alisa Kostaki(1) and **Stephen G Matthews** (1,2,3) Departments of (1)Physiology, (2)Ob-Gyn and (3)Medicine, University of Toronto

O7 Treatment of Low-Risk Gestational Trophoblastic Neoplasia: A Probabilistic Decision Analysis Model

Clare J. Reade [F](1), **Ray Osborne** (2), Neil Shah (3), Lua R. Eiriksson (1), Jason Dodge (4), Francois Moens (5), Ron Goeree (6).
 (1)Division of Gynaecologic Oncology, University of Toronto, (2)Odette Cancer Center, Sunnybrook Health Sciences, Toronto, (3)Brigham & Women's Hospital, Boston, MA, (4)Princess Margaret Hospital, Toronto, (5)Juravinski Cancer Centre, Hamilton, (6)PATH Research Institute, McMaster University, Hamilton

O8 Soluble Endoglin and VEGF Interfere with BMP9 Signaling to Block Endothelin-1 Production in Endothelial Cells.

Valentin Sotov [G] (1,2), and **Michelle Letarte** (1,2,3).
 (1) Molecular Structure and Function Program, Hospital For Sick Children (2) Department of Immunology, University of Toronto (3) Department of Obstetrics and Gynaecology and Heart and Stroke Richard Lewar Centre of Excellence, University of Toronto.

O9 Outcomes of HIV-Exposed Uninfected Infants Requiring Nicu Admission: A Ten-Year Retrospective Review

Evan Taerk [R](1), Daniella Caprara(1), Doug Campbell(2), **Mark Yudin**(3)
 (1)Department of Obstetrics & Gynaecology, University of Toronto, (2) Department of Paediatrics, St. Michaels Hospital, University of Toronto, (3) Department of Obstetrics, Gynaecology, & Reproductive Infectious Diseases, St. Michael's Hospital, University of Toronto.

O10 Multidisciplinary Management of Invasive Placenta Previa

Melissa Walker[M](1), **Lisa Allen**(1), **Rory C. Windrim**(1), John R. Kachura(2), Lindsay Pollard(1), Sophia Pantazi(2), **Sarah Keating**(3), **Jose C.A. Carvalho**(4), **John C.P. Kingdom**(1).
 (1) Department of Obstetrics & Gynaecology, (2) Medical Imaging, (3) Laboratory Medicine, and (4) Anaesthesia, Mount Sinai Hospital, University of Toronto.

O11 In Vitro Differentiation Human Umbilical Cord-Derived Perivascular Cells (PVCS) into Sertoli- and Germ Cell-Like Cells.

Ekaterina Shlush [F](1), Leila Maghen (1), Seok-Ho Hong(1), Shlomit Kenigsberg(1), Andrée Gauthier-Fisher (1) and **Clifford L. Librach** (1,2,3) (1) CReATe Fertility Center; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto.

O12 Low-Volume Ascites in Patients Diagnosed with Serous Ovarian Cancer Indicates a Better Prognosis and Associates with Up-Regulation of Tumor Immune Response Genes.

Tomer Feigenberg [F](1), Blaise Clarke (2), Carl Virtanen (3), **Michelle Letarte** (1,4), Alexandra Kollara (1,5), **Barry Rosen** (1,6), **Marcus Bernardini** (1,6), **Theodore Brown** (1,4), and **K. Joan Murphy** (1,6). (1)Department of Obstetrics and Gynaecology, University of Toronto; (2)Department of Pathology, University Health Network; (3)Ontario Cancer Institute Genomics Centre; (4)Hospital for Sick Children and Department of Immunology, University of Toronto; (5)Samuel Lunenfeld Research Institute, Mt. Sinai Hospital; (6)Division of Gynaecologic Oncology, Princess Margaret Hospital.

O13 Transvaginal Cervico-Isthmic Cerclage: Surgical and Obstetrical Outcomes Compared with Laparoscopic Assisted Cervico-Isthmic Cerclage

Na Tisha Robinson [F], **L Allen**, **M Morton**, **R Windrim**, **WL Whittle**, Mount Sinai Hospital, University of Toronto.

O14 Combined Cell and Gene Therapy towards the Treatment of Age-related Macular Degeneration and Diabetic Retinopathy

Sabiha Hacibekiroglu [PD] (1) (2), Iacovos P Michael (1), Peter Westenskow (3), Brian Ballios (4), Molly Shoichet (4) (5), Derek van der Kooy (4) (6), Martin Friedlander (3), **Andras Nagy** (1) (7) (1) Samuel Lunenfeld Research Institute/Mount Sinai Hospital, Toronto, ON, Canada, (2) Institute of Medical Science, University of Toronto, Toronto, ON, Canada (3) The Scripps Research Institute, San Diego, CA, USA, (4) Donnelly Centre for Cellular and Biomolecular Research, Toronto, ON, Canada, (5) Departments of Chemical Engineering & Applied Chemistry; Chemistry, University of Toronto, Toronto, ON, Canada, (6) Department of Medical Biophysics, University of Toronto, Toronto, ON, Canada (7) Department of Obstetrics & Gynaecology, University of Toronto

Poster Presentations

P-A1 Diagnostic Discordance between Imaging & Pathologic Diagnoses of Fetal Cystic Lung Malformations

Ali Al-Ibrahim [F], Ashok Mittal, Karel O'Brien, Sharon Unger, Jack Langer, Ernest Cutz, **Rory Windrim**, **Gareth Seaward**, **Greg Ryan**

P-A2 A Hospital-Based Method of Assessing Maternal Near-Miss Cases

Melanie E. Campbell [R](1), **Jon Barrett**(1, 2). (1)Department of Obstetrics & Gynaecology, University of Toronto. (2)Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.

P-A3 Reproductive Outcomes After the Use of Tourniquet in Abdominal Myomectomy

Miriam Ang [F](1), **Grace Liu**(1), **Rose Kung**(1), **Herbert Wong** (1), **Jamie Kroft** (1). (1) Department of Obstetrics & Gynaecology, Sunnybrook Hospital, University of Toronto

- P-A4 Uterine Artery Doppler in Severe Early Onset Intrauterine Growth Restriction**
M Higgins [F](1), *M Walker*(1), *C Windrim*(1), **S Keating**(2), **J Kingdom**(1)
 (1) Maternal Fetal Medicine, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, (2) Pathology, Mount Sinai Hospital Toronto, University of Toronto
- P-A5 Collegial Conflict: Why Can't We Just Get Along?**
Julia Kfoury[R], **Patricia Lee**
 Urogynaecology Division, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre, University of Toronto
- P-A6 SPIN: Screening for Placental Health in Nulliparous Women**
Emily Wright [O](1), **Sarah Keating** (2), *Prakeshkumar Shah* (3), **Rory Windrim** (1), **Nan Okun** (1), **Peter Hawrylyshyn** (1), *Devi Krieger* (4), *Anne Biringer* (5), *Sabrina Ahktar* (6), **John Kingdom** (1)
 (1) Maternal-Fetal Medicine Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, (2) Department of Laboratory and Pathology Medicine, Mount Sinai Hospital, (3) Department of Neonatology, Mount Sinai Hospital, (4) Midwives Collective of Toronto, (5) Department of Family Medicine, Mount Sinai Hospital, (6) Department of Family Medicine, Toronto Western Hospital
- P-B1 Transforming Growth Factor-B1 Regulates Multidrug Resistance at the Developing Blood-Brain Barrier**
Stephanie Baello[G](1), *Majid Iqbal*(1), *Enrrico Bloise*(1), *William Gibb*(2) and **Stephen Matthews**(1). (1) Physiology, University of Toronto and (2) Obstetrics & Gynecology, University of Ottawa.
- P-B2 Prenatal Glucocorticoid Treatment Impairs TGF- β 1 Stimulation of Multidrug Resistance in Fetal Brain Endothelial Cells**
Samantha Kearney [G](1), *Stephanie Baello*(1), *Majid Iqbal*(1), *Enrrico Bloise*(1), *William Gibb*(3) and **Stephen Matthews**(1,2). (1) Physiology, (2) Obstetrics & Gynaecology and Medicine, University of Toronto and (3) Obstetrics & Gynaecology, University of Ottawa.
- P-B3 Progesterone Receptor A and Jun/Fos Heterodimer Complex Holds the Potential Switch between Uterine Quiescence and Activation.**
Lubna Nadeem [PD](1), **Oksana Shynlova**(1,3), **Xuesen Dong**(4), and **Stephen Lye**(1,2,3). (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto; (2) Depts of Physiology and (3) Ob/Gyn, Univ. Toronto, Canada; (4) Vancouver Prostate Center, University of British Columbia, Canada.
- P-B4 A Case Series of Multiple Gestations in HIV-Positive Pregnant Women.**
Laura Sovran [R](1), *JayMacGillivray* (2), **Mark H. Yudin** (1) St. Michael's Hospital, University of Toronto (2) St. Michael's Hospital (3) Department of Obstetrics & Gynaecology, St. Michael's Hospital, University of Toronto

- P-B5 Early Anatomy Ultrasound in Women at Increased Risk of Fetal Anomalies**
Tim Van Mieghem [F], Janice Lim, Yee-Man Lee, **Greg Ryan, Wendy L. Whittle**, Maternal-Fetal Medicine, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.
- P-B6 Probiotic *Lactobacillus rhamnosus* GR-1 supernatant blocks Lipopolysaccharide (LPS)-induced preterm birth in pregnant CD-1 mice.**
Siwen Yang [G] (1,2), W Li (2), **JRG Challis** (1), G Reid (3), SO Kim (3), **AD Boeking**(1,2). (1) Depts of Physiology and Obstetrics and Gynaecology, University of Toronto; (2) Samuel Lunenfeld Research Institute, Mt Sinai Hospital, Toronto and (3) Lawson Health Research Institute, Dept of Microbiology and Immunology, Western University, London, Canada
- P-C1 Modulation of Vascular Disruption & Inflammation with Human Umbilical Cord Perivascular Cells (HUC-PVCs) Following Spinal Cord Injury**
Anna Badner [G](1), Carlotta Peticone (2), Tanya Barretto (2), Schreiber Pereira (2), Reaz Vawda (1, 2), Michael G. Fehlings (1), **Clifford Librach** (2, 3,4) (1) Division of Genetics and Development, Department of Surgery, Toronto Western Research Institute, University Health Network, (2) CReATe Fertility Centre (3) Department of Obstetrics & Gynaecology, University of Toronto (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada.
- P-C2 Integrating Dynamic microRNA Expression and Epigenetic Control During Somatic Cell Reprogramming**
Andrew Corso [G](1), Peter Tonge(1), Jennifer Clancy(2), Hardip Patel(2), Mira Puri(1), International PG Consortium, Thomas Preiss(2), **Andras Nagy**(1) (1) Samuel Lunenfeld Research Institute, Mount. Sinai Hospital, University of Toronto, (2) Genome Biology Department, The John Curtin School of Medical Research, Canberra, Australia
- P-C3 Effect of the Interval from HCG Administration to Oocyte Retrieval on In Vitro Fertilization Clinical Outcomes.**
Basheer S. AlKudmani [F](1, 3), Shir Dar(1, 3), Kevin Quach(1), **Clifford Librach**(1, 2, 3) (1) CReATe Fertility Centre; (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital; (3) Department of Obstetrics & Gynaecology, University of Toronto, Toronto, ON, Canada.
- P-C4 A Case of Recurrent Right Catamenial Pneumo/Hemothorax Due to Endometriosis after Previous Interventions Now with a Desire to Conceive.**
M. Boutet [F](1), A. **Satkunaratnam** (1) (1) Department of Obstetrics & Gynaecology, St. Michael's Hospital, University of Toronto

- P-C5 Evaluation of Complement Cascade Factors in Serum and Follicular Fluid of Patients with lean Polycystic Ovarian Syndrome (PCOS)**
Esther Lau [M](1,2), Shlomit Kenigsberg(2), **Clifford Librach**(2,3,4)
 (1) Faculty of Medicine, University of Toronto; (2)CReATe Fertility Centre; (3) Department of Obstetrics and Gynaecology, University of Toronto;(3)Division of Reproductive Endocrinology and Infertility Departments of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada
- P-C6 High Grade Serous Ovarian Cancer Xenografts: Pre-Clinical Predictors of Response to Chemotherapy**
Paulina Cybulska [G](1, 2), Jocelyn M. Stewart (3), Blaise Clarke (4), **Marcus Q. Bernardini** (2, 5), Benjamin G. Neel (3, 6)
 (1) Institute of Medical Science, (2) Department of Obstetrics & Gynaecology, (3) Department of Medical Biophysics, (4) Departments of Laboratory Medicine, Pathobiology & Radiation Oncology, (5) Division of Gynaecologic Oncology, (6) Ontario Cancer Institute
- P-D1 Generating Partially Reprogrammed Kidney Tubule Cells and Evaluating Their Potential in Kidney Repair**
Theresa Chow [G] (1,2), Jennifer Whiteley (1), Mira Li (1), **Ian Rogers** (1,2,3)
 (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Canada
 (2) Department of Physiology, University of Toronto, Toronto, Canada
 (3) Department of Obstetrics and Gynaecology, University of Toronto, Canada
- P-D2 TALEn-assisted Generation of a Docking Site at a Silent but Doxycycline Inducible Expression Site**
Qin Liang [G](1) (2), Claudio Monetti (2), Iacovos Michael (2), **Andras Nagy** (1) (2) (3). (1) Institute of Medical Science, University of Toronto (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Department of Obstetrics & Gynaecology, University of Toronto
- P-D3 Characterization of Cell-Secreted Vesicles (Exosomes) in Human Ovarian Follicular Fluid from Subgroups of Women Undergoing IVF.**
Arshia Azizzeddin [O](1), Paula Mckie (1), Bahar Behrouzi (1), Araslanova Rakhna (1,4), Andr  e Gauthier-Fisher (1), Shlomit Kenigsberg (1), Clifford Librach (1,2,3). (1)CReATe Fertility Centre; (2) Department of Obstetrics and Gynaecology, University of Toronto;(3)Division of Reproductive Endocrinology and Infertility Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada. (4) Faculty of Medicine, University of Ottawa
- P-D4 Development of a Telomere Length Assay for Human Spermatozoa**
Pamela L. Chan [G](1); Shlomit Kenigsberg(1); **Sergey Moskovtsev**(1, 2); **Clifford Librach**(1, 2, 3) (1) CReATe Fertility Center; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre and Women's College Hospital.

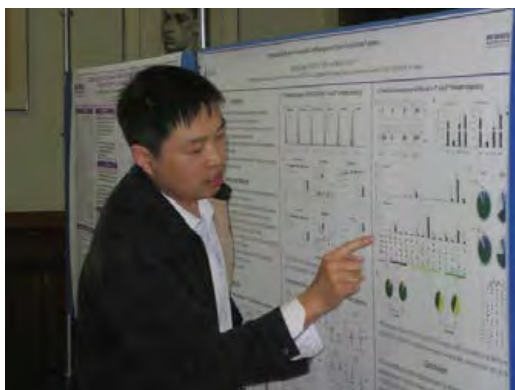
- P-D5 Regulation of Multidrug Resistance in Term Human Placental Explants in Culture**
Mohsen Javam [G] (1), Melanie C. Audette (1,3), William Gibb (4), and **Stephen G. Matthews** (1,2,3). (1) Physiology, (2) Ob-Gyn, (3) Medicine, University of Toronto, Canada; (4) Ob-Gyn, University of Ottawa, Canada
- P-D6 Telomere Shortening is Dependent upon Maternal Nutritional Environment and is not Counteracted By Telomerase**
Richard K Maganga [G](1), Kristin L Connor(2), **Craig E Pennell**(1)& **Stephen J Lye**(2,3). (1) School of Women's and Infants' Health, University of Western Australia; (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Obstetrics & Gynaecology, University of Toronto.
- P-E1 Human Umbilical Cord-Derived Perivascular Cells (HUC-Pvcs) Can Differentiate Towards the Schwann Cell Lineage.**
Matthew Librach [O](1), Leila Maghen (1), Katya Park(1), Tanya Barretto(1), Schreiber Pereira (1), Andr  e Gauthier-Fisher (1), **Clifford L. Librach** (1,2,3) (1) CReATe Fertility Centre; (2) Department of Obstetrics and Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada.
- P-E2 Expression of Vephl during Mouse Embryo Development and in Adult Tissues.**
Thomasina Spybey [G](1,2,3), Premalatha Shathasivam (1,2,3), Alexandra Kollara (1,2), **Theodore J. Brown** (1,2,3). (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital (2) Department of Obstetrics and Gynaecology, Faculty of Medicine, University of Toronto, (3) Department of Physiology, Faculty of Medicine, University of Toronto
- P-E3 Reproductive Literacy Level in the Female Population Attending a Canadian Fertility Clinic**
Eunice Cho [M](1), Kevin Quach(2), Jan Silverman(2), **Clifford Librach**(2, 3, 4). (1) School of Medicine, University of Toronto; (2) CReATe Fertility Centre; (3) Department of Obstetrics and Gynaecology, University of Toronto; (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, ON, Canada.
- P-E4 IVF/ICSI Outcome in Patients with a Markedly High DNA Fragmentation Index (DFI>50%)**
Shir Dar [F](1, 2), Stephanie A. Grover(1), **Sergey I. Moskovtsev**(1,2), Sonja Swanson(1), **Ari Baratz**, **Clifford L. Librach**(1, 2, 3) (1) CReATe Fertility Center; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada

- P-E5 Novel Regimen of Hormone Replacement Therapy Efficacy and Safety of Transdermal Estrogen plus Intermittent Progesterone**
Hala Gomaa [F](1), *Debra Evaniuk*(1), *Wendy Wolfman*(1).
 (1) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.
- P-E6 Evaluation of Human Umbilical Cord-Derived Perivascular Cells in Cardiac Regeneration**
Peter Szaraz [PD](1), *SH Hong*(1)*, *L Maghen*(1), *A Gauthier-Fisher*(1), **CL Librach**(1,2,3)
 (1)CREATe Fertility Centre; (2)Department of Obstetrics and Gynaecology, University of Toronto; (3)Division of Reproductive Endocrinology and Infertility Departments of Obstetrics and Gynaecology, Women's College Hospital.
- P-F1 The Cost Analysis of Laparoscopic versus Abdominal versus Minilaparotomy Myomectomy Procedures in Women with Fibroids: A Canadian Perspective**
Brian J. Liu [R], **Rose C. Kung**, **Cliff Librach**, **Herbert M. Wong**, **Jamie Kroft**, **Grace Y. Liu**. Department of Obstetrics & Gynaecology, Sunnybrook Hospital, University of Toronto.
- P-F2 Isolated Tubal Torsion Cases in a Paediatric and Adolescent Gynaecology Population: Retrospective Review of Presentation and Management**
Genevieve K. Lennox[R](1). **Lisa Allen** (1,2), **Sari Kives** (1,2), *Yolanda A. Kirkham*, MA, MD, FRCSC* (1,3). (1) Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Canada, 2) Section of Paediatric and Adolescent Gynaecology, The Hospital for Sick Children, Toronto, Canada, 3) Department of Gynaecology, Women's College Hospital, Toronto, Canada
- P-F3 The Recurrence Rate of Ovarian Dermoid Cysts in Paediatric and Adolescent Girls**
Erin Rogers [O](1), **Lisa Allen**(1), **Sari Kives**(1)
 (1)Department of Adolescent Gynaecology, Hospital for Sick Children, University of Toronto, Toronto ON.
- P-F4 Obstetric Risks and Outcomes of Refugee Women at a Single Centre in Toronto, Canada**
Tharani Kandasamy [R](1), **Rachel Spitzer** (2), **Mark Yudin** (3), **Rajiv Shah** (3), *Rebecca Cherniak* (4). (1)Obstetrics and Gynaecology, Postgraduate Medical Education, University of Toronto, (2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (3)Department of Obstetrics and Gynaecology, St. Michael's Hospital, University of Toronto, (4) Undergraduate Medical Education, McGill University.
- P-F5 Case Study: Large Endometrial Polyp Presents with Abnormal Vaginal Discharge**
Katelyn Smith [M], *Marianne Boutet*, **Abheha Satkunaratnam**. University of Toronto and St Michael's Hospital.

- P-F6 Access to Fertility Services for Lesbian Women in Canada**
Helena Frecker [R] (1), Shannon Corbett (2), **Heather Shapiro** (3), **Mark Yudin** (4). (1)Department of Obstetrics and Gynaecology, University of Toronto, (2) Ottawa Fertility Centre, University of Ottawa, (3) Department of Obstetrics and Gynaecology, Mount Sinai Hospital, (4) Department of Obstetrics and Gynaecology, St. Michael's Hospital
- P-G1 Human Umbilical Cord-Derived Perivascular Cells from Early and Late Gestational Sources Express and Secrete Different Levels of Galectins.**
Walaa Almutawaa [O](1), Himani Sharma (1), Leila Maghen (1), Ashley Rammeloo (1), Shlomit Kenigsberg (1), Andrée Gauthier-Fisher (1), **CL Librach**. (1,2,3) (1)CReATe Fertility Centre; (2) Department of Obstetrics and Gynaecology, University of Toronto;(3) Division of Reproductive Endocrinology and Infertility Departments of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada.
- P-G2 Profiling the Expression of Secreted Factors and Receptors in Human Umbilical Cord-Derived Perivascular Cells (HUV-PVCs).**
Katya Park [PD] (1), Leila Maghen (1), Ashley Rammeloo(1), Tanya Barretto (1), Shlomit Kenigsberg (1), Andrée Gauthier-Fisher (1), **Clifford L. Librach** (1,2,3) (1) CReATe Fertility Centre; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology & Infertility Department of Obstetrics & Gynaecology, Women's College Hospital.
- P-G3 Identifying and Quantifying Exosomes in Human Seminal Fluid**
Parshvi Vyas [M](1, 2), Paula Mackie (1), **Sergey Moskovtsev** (1,2), Shlomit Kenigsburg (1), **Clifford L. Librach** (1, 3, 4)
(1) CReATe Fertility Centre; (2) Division of Genes, Genetics & Biotechnology, University of Toronto; (3) Department of Obstetrics and Gynaecology, University of Toronto; (4) Division of Reproductive Endocrinology and Infertility Departments of Obstetrics and Gynaecology, Women's College Hospital.
- P-G4 The Hormonal Regulation of the Novel Reproductive Peptide Phoenixin in NPY And GnRH Hypothalamic Models by Estrogen, Insulin and Leptin.**
Alice K. Treen [G] (1) and **Denise D. Belsham** (1,2)
(1) Department of Physiology, Faculty of Medicine University of Toronto (2) Department of Obstetrics and Gynaecology, Faculty of Medicine University of Toronto
- P-G5 Direct Regulation of Reproductive-Related Genes in Kisspeptin-Expressing Neurons Using Novel Hypothalamic Cell Models**
Zoey Friedman [F](1), **D Belsham** (2).
(1)Departments of Physiology, (2)Obstetrics and Gynaecology, and Medicine, University of Toronto; Division of Cellular and Molecular Biology, Toronto General Hospital Research Institute, University Health Network, Toronto.

- P-G6 Decidual Neutrophils: A Novel Role in Second Trimester Vascular Remodeling**
Melissa Kwan [G](1), Caroline Dunk (2), Hagai Amsalem (3), **Stephen J. Lye** (1,2,4). (1)Department of Physiology, University of Toronto, (2)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3)Hadassah School of Medicine, Jerusalem, Israel, (4)Department of Obstetrics & Gynaecology, University of Toronto
- P-H1 Characterizing the Gene Expression Pattern of Myometrial MMPs and TIMPs throughout Pregnancy, Labour and Post-Partum in Rats**
Tina Tu-Thu Ngoc Nguyen [G](1.3), **Oksana Shynlova**(1,2), **Stephen Lye**(1.2.3). (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital;(2)Department Of Obstetrics and Gynaecology, University Of Toronto; (3)Department Of Physiology, University of Toronto.
- P-H2 Coordinated Modification of Decidual NK Cell Phenotype and Function during Human Pregnancy**
Jianhong Zhang [PD] (1), Caroline E. Dunk (1), **Stephen J. Lye** (1,2,3)
 (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, M5T 3H7, Canada. (2) Department of Physiology, University of Toronto, Toronto, (3)Department of Obstetrics and Gynaecology, University of Toronto
- P-H3 Vaginal Fibroblasts Derived from Women with and without Severe Pelvic Organ Prolapse Display Differential Cellular Characteristics and Reaction to Mechanical Stretch**
Hala Kufaishi [G](1.4), **May Alarab**(1.4), **Harold Drutz**(2.4), **Stephen Lye**(1.2.3), **Oksana Shynlova**(1,4) (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Department of (2)Ob/Gyn; (3)Physiology & (4)Urogynaecology, University of Toronto
- P-H4 Incidence and Risk Factors for Post-operative Urinary Retention (PUR) in Pelvic Reconstructive Surgery**
Katherine Lo [F], **Patricia Lee**
 Urogynaecology Division, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre
- P-H5 Attachment and Proliferation of Primary Vaginal Fibroblasts to Absorbable and Non-Absorbable Implant Materials Coated with Platelet Rich Plasma: Potential Application in Pelvic Organ Prolapse Surgery (Work-in-progress)**
Sebastian Medel [F](1), **Oksana Shynlova**(2), **Harold Drutz** (1), **May Alarab**(1)
 (1) Division of Urogynaecology and Reconstructive Pelvic Surgery, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, University of Toronto.
- P-H6 The Effect of Fertility Awareness on the Duration of Infertility Prior to Women Seeking Medical Treatment**
Brenna E. Swift [M] (1) **Kimberly Liu** (1)
 (1) Mount Sinai Centre for Fertility and Reproductive Health, University of Toronto

- P-I1 Effects of Heparin on Cell Proliferation in the Mouse Placenta: Implications for Elucidating the Underlying Mechanisms of Preeclampsia**
Farshad Ghasemi [G], John Kingdom, S. Lee Adamson. Samuel Lunenfeld Research Institute, Mount Sinai Hospital, and Departments of Obstetrics and Gynaecology, and Physiology, University of Toronto
- P-I2 Effect of Unilateral Ovariectomy and Fetectomy on Murine Placental Angiogenesis in Late Gestation**
Sarah Isaac [G], Andras Nagy, S. Lee Adamson
 Samuel Lunenfeld Research Institute, Mount Sinai Hospital, and Departments of Obstetrics and Gynaecology, and Physiology, University of Toronto
- P-I3 The Role of TGF β in Regulating Acid Ceramidase Expression in the Human Placenta.**
Sarah Chauvin [G], Isabella Caniggia.
 Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Department of Obstetrics & Gynaecology and Physiology, University of Toronto.
- P-I4 Disruption of Sphingolipid Metabolism Augments Placental Autophagy**
Megan Melland-Smith [O], Leonardo Ermini, Martin Post, Isabella Caniggia
 Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Department of Obstetrics and Gynaecology, Hospital for Sick Children; University of Toronto. .
- P-I5 2-Methoxyestradiol Regulates VEGFR-2 And sFlt-1 Expression in Human First Trimester Placental Explants**
Dennis K. Lee [PD], Ori Nevo. Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and University of Toronto.
- P-I6 Novel Mechanisms of HIF-1 α Regulation in Gestational Diabetes**
Sruthi Alahari [G], Isabella Caniggia.
 Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Department of Obstetrics and Gynaecology & Physiology, University of Toronto



- P-J1 Designing an In Vitro Model of Kidney Differentiation and a Co-Culture System with Decellularized Matrices**
Manpreet Sami [G] (1,2), Theresa Chow (1,2), Jennifer Whiteley (1), **Ian Rogers** (1,2,3). (1)Samuel Lunenfeld Research Institute, Mt. Sinai Hospital, Toronto, Canada, (2)Department of Physiology, University of Toronto, Toronto, Canada, (3)Department of Obstetrics and Gynaecology, University of Toronto, Canada
- P-J2 The Impact of Socioeconomic Status and Fertility-Related Health Literacy on the Decision by Healthy Women to Undergo Elective Ovum Cryopreservation: A Needs Assessment Pilot Study.**
Rosamond Loughheed [M] (1), Kevin Quach(2), Jan Silverman(2), **Clifford Librach** (2, 3, 4)
 (1) School of Medicine, University of Toronto; (2) CReATe Fertility Centre; (3) Department of Obstetrics and Gynaecology, University of Toronto; (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital, Toronto, ON, Canada.
- P-J3 Evaluation of Human Umbilical Cord-Derived Stem Cells for Tissue Regeneration in a Mouse Model of Drug-Induced Liver Injury.**
Marina Vainder [M]*(1), Leila Maghen*(1), Tanya Barretto (1), Schreiber Pereira (1), Andr  e Gauthier-Fisher(1), **Clifford Librach**(1). (1) CReATe Fertility Centre; (2) Department of Obstetrics and Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility Departments of Obstetrics and Gynaecology, Women's College Hospital, Toronto, Ontario, Canada. * authors contributed equally
- P-J4 A Comparison of Ovarian Reserve in BRCA Positive Women with a Diagnosis of Breast Cancer Versus BRCA Negative Controls**
Ariadne Daniel [F], **Ellen Greenblatt**
 Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Center for Fertility and Reproductive Health, Mount Sinai Hospital
- P-J5 A Retrospective Study Comparing the Efficacy of a Minimal Stimulation Protocol (Letrozole/Gonadotropin Overlapping) to a High Dose Antagonist Stimulation Protocol for Low Responders in IVF Cycles**
Tal Lazer [F](1,3), Shir Dar(1,3), Ekaterina Shlush(1,3), Basheer S. AlKudmani(1,3), **Prati Sharma**(1,2,3), **Ari Baratz**(1,2,3), **Karen Glass**(1,2,3), **Clifford L. Librach**(1,2,3)
 (1) CReATe Fertility Centre; (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Women's College Hospital; (3) Department of Obstetrics & Gynaecology, University of Toronto



- P-K1 Challenges of Conducting Clinical Trials in Adolescents on Oral Contraceptive Regimens**
E Barlow [F](1), *M Jamil* (2), **S Kives** (2), **RF Spitzer** (1), *K Leslie*(1), *CM Brown*(1), **L Allen** (1). (1)Division of Paediatric and Adolescent Gynaecology,, Department of Paediatrics, (2)Division of Endocrinology, Hospital for Sick Children, University of Toronto.
- P-K2 Screening for Lynch Syndrome in Unselected Women with Endometrial Cancer.**
Lua R. Eiriksson [F](1), *Blaise Clarke*(7), *Melyssa Aronson*(3), *Golnessa Mojtahedi*(4), *Aaron Pollett*(3), *Steve Gallinger*(5), **Amit M. Oza**(6), *Helen Mackay*(6), **Marcus Q. Bernardini**(2), *Jordan Lerner-Ellis*(2), **Sarah E. Ferguson**(2)
- P-K3 Impact of *BRCA1* or 2 Mutation Status on the Response of Fallopian Tube Epithelial Cells to Follicular Fluid Exposure.**
Angela Lau [G](1-3), *Carl Virtanen* (4), **Terry Colgan** (2,5), *Alicia Tone* (6), **Lisa Allen** (2), **Michèle Farrugia** (2), **Elyse Levinsky** (2), **Jodi Shapiro** (2), **Ellen M. Greenblatt** (2), **K. Joan Murphy** (2,6), **Barry Rosen** (2,6), **Theodore J. Brown**(1-3). (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Department of Physiology, University of Toronto, (4) OCI Genomics Centre, (5) Department of Pathology, Mount Sinai Hospital, (6) Division of Gynaecologic Oncology, Princess Margaret Hospital.
- P-K4 Does Aggressive Primary Debulking Surgery Influence Survival in Ovarian Cancer?**
Yakir Segev [F](1,2), **Barry Rosen** (1), **Joan Murphy** MD FRCSC(1), **Stephane Laframboise** MD FRCSC(1), **Jason Dodge** MD FRCSC(1), **Sarah Ferguson** MD FRCSC(1), **Marcus Bernardini** MD FRCSC(1), *Brendan Charles* BSc(1), *Ping Sun* PhD(2), **Steven Narod** MD PhD(2)
- P-K5 VEPH1 Diminishes TGF- β -Induced Gene Responses and Alters the Transcriptome of SKOV3 Ovarian Cancer Cells**
Premalatha Shathasivam [PD](1,2), *Alexandra Kollara*(1,2), *Carl Virtanen*(3), **Theodore J. Brown**(1,2). (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital and (2)Department of Obstetrics and Gynaecology, University of Toronto; (3)OCI Genomics Centre,
- P-K6 Fibroid Infected with *Escherichia coli* Requiring Myomectomy Following Uterine Artery Embolization (UAE)**
Lynn Sterling [R](1), *Marianne Boutet*[F](2), *Errol Colak*(3), **Guyllaine Lefèbvre**(2)
(1) Department of Obstetrics & Gynaecology, University of Toronto (2) Department of Obstetrics & Gynaecology, St. Michael's Hospital (3) Department of Medical Imaging, St. Michael's Hospital

- P-L1 Applying Learning Principles to Guide Teaching Practice for Under and Post Graduate Learners**
Ashraf Dawood [F], **Artin Ternamian**. St.Joseph's Health Centre, Department of Obstetrics and Gynaecology, University of Toronto
- P-L2 Surgical Safety Checklist Implementation in a Low Resource Setting**
Sarah Sinasac [F](1), **Barry Rosen**(1), Omenge Orang'o(2), Peter Itsura(2), Genevieve Bouchard-Fortier(3), Louise Gagnon(3).
 (1)Division of Gynaecologic Oncology, Department of Obstetrics and Gynaecology, University of Toronto (2) Department of Reproductive Health, Moi Teaching and Referral Hospital, Eldoret, Kenya (3) Department of Obstetrics and Gynaecology, University of Toronto
- P-L3 Resident Ultrasound Education Project– Is the Current Level of GYN Ultrasound Training Meeting the Needs of Residents?**
Jessica Green [R], **Suzanne Wong**
 St Joseph's Health Centre and Department of Obstetrics and Gynaecology, University of Toronto
- P-L4 Maternal and Fetal Outcomes of Intimate Partner Violence Associated with Pregnancy in the Latin American and Caribbean Region: A Review**
Alice Han [R](1), **Donna Stewart** (2)
 (1) Department of Obstetrics & Gynaecology, University of Toronto, (2) University Health Network, University of Toronto
- P-L5 Evaluation of the Impact of an Emergency Obstetric and Neonatal Care (EMONC) Training Program at a Referral Centre in Kenya**
Julie Thorne[R](1), **Rachel F. Spitzer**(1), Sarah Jane Taleski(2), **David Caloia**(1), **Alan D. Bocking**(1), **Astrid Christoffersen-Deb**(1,3) Loise Maina(4), Johanna Sitters(4), Benjamin Chemwolo(4), Elkanah Omenge(3).
 (1)Faculty of Medicine, University of Toronto, Toronto, Canada; (2)Dalla Lana School of Public Health, University of Toronto, Toronto, Canada ; (3)Moi University School of Medicine, Eldoret, Kenya, (4)Moi Teaching and Referral Hospital, Eldoret, Kenya.
- P-L6 Design of an Evidence-Based Laparoscopy Curriculum for Gynaecology Residents**
Eliane Shore[F](1), Teodor Grantcharov (2), **Guyline Lefèbvre** (2 (1) Minimally Invasive Gynaecology Division, Department of Obstetrics and Gynaecology, St. Michael's Hospital, (2)Department of Surgery, St. Michael's Hospital, University of Toronto.





Research Day Awards

We are pleased to announce the following winners of the **2013 JW Knox Ritchie Research Awards** for best abstract/presentation by trainee category:

Clinical Fellow: *Clare J Reade* (Supervisor: **Ray Osborne**)

O7 Treatment of Low-Risk Gestational Trophoblastic Neoplasia: A Probabilistic Decision Analysis Model. Clare J. Reade, Ray Osborne, Neil Shah, Lua R. Eiriksson, Jason Dodge, Francois Moens, Ron Goeree.

Post-Doctoral Fellow: *Peter Szaraz* (Supervisor: **Clifford Librach**)

E6 Evaluation of Human Umbilical Cord-Derived Perivascular Cells in Cardiac Regeneration. Peter Szaraz, SH Hong, L Maghen, A Gauthier-Fisher, CL Librach.

Resident: *Julia Kfoury* (Supervisor: **Patricia Lee**)

A5 Collegial Conflict: Why Can't We Just Get Along? Julia Kfoury, Patricia Lee

Graduate Student: *Andrew Corso* (Supervisor: **Andras Nagy**)

C2 Integrating Dynamic microRNA Expression and Epigenetic Control during Somatic Cell Reprogramming. Andrew Corso, Peter Tonge, Jennifer Clancy, Hardip Patel, Mira Puri, International PG Consortium, Thomas Preiss, Andras Nagy.

Medical Student: *Melissa Walker* (Supervisor: **Rory Windrim**)

O10 Multidisciplinary Management of Invasive Placenta Previa. Melissa Walker, Lisa Allen, John C.P. Kingdom, John R. Kachura, Lindsay Pollard, Sophia Pantazi, Sarah Keating, Jose C.A. Carvalho, Rory C. Windrim.

AND

Marina Vainder (Supervisor: **Clifford Librach**)

J3 Evaluation of Human Umbilical Cord-Derived Stem Cells for Tissue Regeneration in a Mouse Model of Drug-Induced Liver Injury. Marina Vainder, Leila Maghen, Tanya Barretto, Schreiber Pereira, Andrée Gauthier-Fisher, Clifford Librach.





RESEARCH GRANTS AND INVESTIGATIONS

Over \$10,000

PI=Principal Investigator; **CI**=Co-Investigator

NB: The prorated dollar amount for the period July 1 2012 – June 2013 precedes the total funding for the grant.

Adamson SL (PI), Al-war R, Aubin RJ, Boyd S, Mak T, McKerlie C, Nagy A, Roder J, **Rossant J**, Stanford W, Dick J, Dirks P, Drucker D, Gallinger S, Grynpas M, Hakem R, Henderson J, Henkelman RM, Hui C, Khokha R, McInnes R, McPherson J, Neel B, **Osborne R**, Post M, Quaggin S, Vidal S, Woodgett J, Yucel Y, van der Kooy D. (CIs). The CMHD: An integrated and regional platform for mouse models of human disease. Canadian Foundation for Innovation, Infrastructure Grant, Leading Edge Fund (LEF), \$7,341,094 (\$1,835,273 per annum), October 2009 – September 2012.

Adamson SL (PI), Nagy A (CI). Role of placental VEGF-A and FLT1/sFLT1 in placental vascularity, fetal growth, and maternal function in mice. Canadian Institutes of Health Research, Operating Grant, \$1,028,010 (\$205,602 per annum), April 1, 2009 – March 31, 2014.

Alarab M, Shynlova O (Co-PIs). Leukocyte infiltration in the vaginal tissue of women with and without Pelvic Organ Prolapse. Research Fund, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University Health Network:, \$6,600, June 2012 – June 2013.

Auger J, Baillargeon J-P, Beli (PIs); Carranza-Mamane B, **Greenblatt E**, Hivert M-F, Langlois M-F, Lavoie HB, Pesant M-H, Poder TG (CIs). Evaluation of clinical outcomes and costs of a transferable interdisciplinary lifestyle intervention pre-and per-pregnancy in obese infertile women. CIHR and Quebec Ministry of Health, Partnerships for Health System Improvement, FRN-114125. \$115, 157 (\$345,500 total), April 2011 – Mar 2014.

Balki M (PI), Cooke ME, **Windrim R**. High-fidelity simulation to assess interprofessional teamwork in obstetric crisis management. Ontario AHSC AFP Innovation Funds, \$5,185 (\$124,437 total), June 2013 June – May 2015.

Barbera L (PI), **Gien L, Khalifa M** (Co-Investigators). Vulvar carcinoma: A population-based analysis. Canadian Cancer Society Research Institute, \$352,243 total; \$152,915 first year, \$140,445 second year, \$58,883 third year, 2010 – 2013.

Barrett JF (Principal Applicant). The Twin Birth Study: A multicentre randomised controlled trial comparing planned Caesarean section with planned vaginal birth for twins at 32-38 weeks gestation. (Follow-up Study), Canadian Institutes of Health Research Operating Grant, 260388, \$700,000, September 2012 – present.

Barrett JF (Co-PI) MAG-CP: Magnesium sulphate for fetal neuroprotection of the preterm infant. Canadian Institutes of Health Research Grant, \$172,319, \$615,426 total, 2011 – present.

Barrett JF (Co-PI) Emerging Team Grants in Maternal Health: From pre-conception to the empty nest. Canadian Institutes of Health Research, \$225,000, (\$900,000 total), 2011 – 2014.

Bernardini M (PI), Ferguson S, Murphy KJ, Rosen B. A prospective study evaluating surgical and quality of life outcomes after robotic surgery, laparoscopy, and laparotomy in the management of uterine and cervical cancer. McArthur Endowment for Gynaecologic Oncology, \$36,923 (\$80,000 total), January 2013 – January 2014.

Bernardini M (Co-PI), Rouzbahman M, Haider M, Lindner U, Kucharczyk W. A feasibility study to evaluate the safety and preliminary effectiveness of focal MR-guided focused ultrasound treatment of low-risk, early stage 1 low volume endometrial cancer. Focused Ultrasound Surgery Foundation, \$99,900 May 2012 – May 2013.

Bernardini, M (Co-PI). Collaborators: Brigitte Theriault, Brenda Gallie. The role of KIF14 in patient-derived primary cultures of ovarian cancer cells. Princess Margaret Gynaecologic Oncology Site Group. \$35,000, May 2012 -- May 2013.

Bocking A (PI), Reid G, Burton J, Gloor G, Maxwell C. The oral, vaginal and gut microbiome of obese women. Canadian Foundation for Women's Health., \$720 (\$18,000 total), June 2013 – June 2015.

Bocking AD (Project Co-ordinator), Caloia D, Spitzer RF. Emergency Obstetrical Training (EmOC) in Western Kenya. Developmental Partnerships in Higher Education (DePHE), British Council, UK, £5,000, (£90,000 total), September 1, 2009 – August 31, 2012.

Brown TJ (PI). Novel functions of nuclear receptor coactivator 4 at the mitotic apparatus. Natural Sciences and Engineering Research Council of Canada (NSERC). \$29,508 (\$150,000 total) April 2011 – April 2016.

Brown TJ (PI), Ringuette M, Winegarden N. Androgen modulation of TGFβ signaling in ovarian cancer cells. CIHR Operating Grant, \$119,600, (\$598,000 total), 2009 – 2013.

Brown TJ, Rosen BP (PIs); Colgan TJ, Greenblatt EM, Murphy KJ, Tone AA, Virtanen C (Co-Investigators); Allen L, Shapiro J, Farrugia M, Levinsky E (Collaborators). Sustained ovulation-associated inflammatory signaling in fallopian tube epithelium as a predisposing factor of serous carcinoma. CIHR Operating Grant, \$145,295 (\$435,884 total), September 2010 – August 2013.

Caniggia I (PI), Jurisicova A , Post M (Co-Investigators). The role of Bcl-2 family members in regulating placental cell fate. Canadian Institutes of Health Research Operating Grant, \$152,134 (\$757,050 total), July 2008 – June 2013.

Caniggia I (PI), Post M, Zamudio S (CIs). The role of oxygen in regulating placental development. Canadian Institutes of Health Research Operating Grant, \$157,498, (\$787,490 total), 2008 – 2013.

Caniggia I (PI), Bhattacharjee J. The role of Mcl-1 in regulating placental cell fate. CIHR HOPE-Scholarship, Operating Grant, \$32,000 (\$64,000 total), September 2011 – August 2015.

Casper RF (PI), Rahman SA, Shapiro CM (Co-Investigators). Ameliorating affective disorder induced by circadian rhythm disruption. CIHR, Operating Grant, \$143,607 (\$430,821 total), October 2010 – September 2013.

Casper RF (PI), Wolfman W (CI). Can aromatase inhibitors reduce breast density, a marker of breast cancer risk, in postmenopausal women taking hormone therapy. Canadian Breast Cancer Foundation (CBCF), Ontario Research Project, \$24,627 (\$443,289 total), September 2009 – August 2012.

Covens A. A Phase 3 randomized, double-blind, placebo-controlled, multi-center study of AMG 386 with paclitaxel and carboplatin as first-line treatment of subjects with FIGO Stage III-IV epithelial ovarian, primary peritoneal, or fallopian tube cancer. TRINOVA-3, Amgen, 2012 – July 2020.

Covens A. A Phase 3 randomized, double-blind trial of pegylated liposomal doxorubicin (PLD) plus AMG 386 or placebo in women with recurrent partially platinum sensitive or resistant epithelial ovarian, primary peritoneal, or fallopian tube cancer. TRINOVA-2, Amgen, 2013.

Covens A, Carter J, Ali S (PIs). Non radical surgical therapy for Stage IA1-IB1 (≤ 2 cm) cervical cancer. Division of Cancer Prevention, National Cancer Institute, \$500,000, 2011 – 2014.

Covens A, Carter J, Ali S. Evaluation of physical function and quality of life (QOL) before and after non- radical surgical therapy (extra fascial hysterectomy or cone biopsy with pelvic lymphadenectomy) for Stage IA1 (lvs1+) and IA2-IB1 (≤ 2 cm) cervical cancer (GOG 278), DCP (NCI), 2013-2016.

Disaia P, Copeland L, Thigpen T, Alvarez R, Aghajanian C, Fracasso P, Birrer M, Hamilton T, Whitney C, Spirtos N, Miller D, Randall M, Waggoner S, Alberts D, Monk B, Koh W, Walker J, Bookman M, Rodgers W, Gershenson D, **Covens A**, Nolte S, Mannell R, Fleming G, Bell J, Brown C, Wenzel. NCI, GOG Operating Grant, \$107,671,648 US, 2010 – 2015.

Dupre J, Dosch H-M, Fraser WD, Lawson ML, Mahon JL, **Sermer M**, Taback SP. Trial to reduce IDDM in the genetically at Risk (TRIGR). Canadian Institutes of Health Research Randomized Controlled Trials, \$4,102,991, 2009 – 2017.

Feig DS (PI), Armson BA, Asztalos EV; Fantus, IG, **Lee, SK**, Lipscombe L, **Murphy KE, Ohlsson A, Ryan EA**, Tomlinson GA, Zinman B (Co-Investigators) **Cohen H.** The MiTY Trial (Metformin in Women with Type 2 Diabetes in Pregnancy). CIHR, Operating Grant, \$1,735,119, 2010 – 2015.

Feig DS (PI), Armson BA. **Asztalos EV**, Fantus IG; Hamilton JK; Haqq AM, **Lee SK**, Lipscombe L, **Murphy KE, Ohlsson A, Ryan EA**, Tomlinson GA, Zinman B. MiTy Kids (Metformin in Women with Type 2 Diabetes in Pregnancy Kids Trial). Canadian Institutes of Health Research (CIHR), Clinical Trial, \$100,525 (\$1,299,000 total). October 2012 – September 2018.

Ferguson SE, Catton P. Development of survivorship and education program for gynaecologic cancer patients. Princess Margaret Foundation – Weekend to End Women's Cancer 2009, \$90,000, (\$360,000 total) 2010 – 2013.

Ferguson SE, Classen C, 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, \$178,251, (\$727,860 total), July 2012 – July 2016.

Ferguson SE, Classen C, 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), \$23,077, (\$100,000 total). September 2011 – September 2012.

Ferguson SE, Bernardini M, Metser U, Clarke BA, Freeman M, Rasty G, **Murphy KJ**, Rouzbahman M, **Shaw P**. Accuracy of sentinel lymph node biopsy and gadofosveset-enhanced MR in nodal staging of high risk endometrial cancer: A prospective trial. Princess Margaret Hospital Foundation. \$42,734 (89,029 total), July 2012 – July 2014.

Ferguson SE (PI), Simpson A, Clarke B, Feigenberg T. Fertility sparing treatment of complex atypical endometrial hyperplasia and low grade endometrial cancer using oral progestin. Mount Sinai Hospital Obstetrics and Gynaecology Research Fund, \$10,000, July 2012 – June 2013.

Ferguson SE, Vicus D, Metser U, **Bernardini M**, Freeman M, Clarke BA, Rasty G, Rouzbahman M, **Shaw P, Covens A**, Elich L, Khalifa M. Accuracy of sentinel lymph node biopsy and gadofosveset-enhanced mr in nodal staging of high risk endometrial cancer: A prospective trial. University of Toronto - Department of Obstetrics and Gynaecology, McArthur Endowment for Gynaecologic Oncology. \$19,200, (\$40,000 total). January 2012 – January 2014.

Gien L (Co-PI), Barbera L, Fyles A, Covens A, Khalifa M, Thomas G, Elit L, Rakovitch E, Sutradhar R, **Raymond E** (local PI). Vulvar cancer: A population-based analysis. CCSRI, \$58,882, (\$352,243 total), July 2010 – June 2013.

Greenblatt E (Principal Applicant), Chan C, **Brown TJ**, Winegarden N, Virtanen C (Collaborators). High-throughput genomic analysis of endometrial receptivity in natural and stimulated cycles using a non-invasive sampling method. Merck Serono, Grant for Fertility Innovation, \$196,868, (\$213,274 total), July 2012 – present.

Greenblatt E (PI), Chan C, **Brown T**, Winegarden N, Virtanen C (CIs). Non-invasive genomic analysis of human endometrial receptivity. Physicians' Services Incorporated Foundation, Resident Research Grant, \$20,000, January – December 2012.

Greenblatt E (PI), Winegarden N, Chan C, **Brown TJ**, Virtanen C. Validation of endometrial receptivity biomarkers predictive of successful implantation using minimally-invasive uterine fluid aspirations. Merck Serono, Grant for Fertility Innovation, 207,201 EUR, July 2012 – June 2013.

Greenblatt E (PI), Elser C, Daniel A (Collaborators). Pilot Study: A comparison of ovarian reserve in BRCA positive women vs. age-matched BRCA negative controls. Mount Sinai Hospital Department of Obstetrics and Gynaecology Research Fund. \$7,000, July 2012 – June 2013.

Greenblatt E (PI), Sterling L, Okun N (Collaborators). Pregnancy outcomes in women with Polycystic Ovary Syndrome (PCOS) undergoing IVF. Mount Sinai Hospital Department of Obstetrics and Gynaecology, \$6,200, July 2012 – June 2013.

Greene S, Loutfy M, Carvalhal A, Bitnun A, Brophy J, Kapiriri L, Margolese S, Masinde K, **Murphy KE**, Raboud J, Salter R, Samson L, Smail F, **Yudin M**. The psychosocial experiences and needs of HIV-positive women during their first year of motherhood. The Ontario HIV Treatment Network, \$150,000 (\$450,000 total), July 2010 – June 2013.

Gupta A(PI). Lee-Chong A, **Allen L, Kives S**, Traubici J (Co-Is). A pilot prospective study of measurement of ovarian function in adolescent females receiving cancer therapy. Comprehensive Cancer Center Adolescent Transition Care Program. \$11,111, (\$50,000 total), July 2009 – June 2013.

Jones J (PI), Howell D, Buchman S, Catton P, Earle C, **Ferguson SE**, Fitzgerald B, Gagliardi A, Gospodarowicz M, Harrision M, Jadad A, Jusko Friedman A, Sharpe M, Urowitz S, Warde P, Wiljer D. Transition to Survivorship: Translating knowledge into action for testicular and endometrial cancer populations. Canadian Institutes of Health Research, \$77,752, (\$311,007 total), 2010 – 2013

Jones JM, Howell DM (PIs); Buchman SH, Catton P, Earle CC, **Ferguson S**, Fitzgerald BJ, Gagliardi AR, Gospodarowicz M, Harrison MB, Jadad AR; Jusko Friedman A, Sharpe MB, Urowitz S, Warde PR, Wiljer DE (CIs). Transition to Survivorship: Translating knowledge into action for testicular and endometrial cancer populations. CIHR, Operating Grant, \$17, 143 (\$20,000 total), January 2013 – July 2013.

Jones J (PI), **Ferguson SE**, Warde P, Earle C, Gagliardi A, Harrison M, Jusko Friedman A, Buchman S, Catton P, Fitzgerald B, Sharpe M, Gospodarowicz M, Jadad A, Urowitz S, Wiljer D. Transition to Survivorship: Translating knowledge into action for endometrial cancer and testicular cancer population. Princess Margaret Hospital Foundation, \$17,143 (\$20,000 total), January 2013 – July 2013.

Jurisica I, **Oza AM** (Principal Investigators), Colgan TJ, **Juriscova A**, Kislinger T (Co-Applicants). Diagnostic and prognostic biomarkers for epithelial ovarian cancer. Canadian Institutes of Health Research, Operating Grant, \$137,725 (\$734,532 total), April 2009 – March 2013.

Juriscova A (PI). Acid sphingomyelinase - a regulator of reproductive success. Natural Sciences and Engineering Research Council of Canada (NSERC), Operating grant. \$8,571 (total \$30,000), March 2013 March – April 2014.

Juriscova A. Canada Research Chair in Molecular and Reproductive Medicine. Canada Research Chairs (CRC), Tier II. \$100,000 (\$500,000 total), July 1, 2008 – June 30, 2013.

Juriscova A (PI). Role of Mcl-1 in ovarian biology. Canadian Institutes of Health Research Operating Grant, \$142,000 (total \$710,000), July 2012 – June 2017.

Juriscova A (PI). Maternal obesity and oocyte health. Canadian Foundation for Women's Health. Operating Grant. \$17,000, July 2012 – June 2013.

Kim Y-IJ, O'Connor DL (PIs); **Berger H, Lausman AY** (CIs). Effects of prenatal folate exposure on DNA methylation in the newborn infants. CIHR, Operating Grant, \$448,683 (\$149,561 total), July 2010 – June 2013.

Kingdom JC (PI), Cox BJ (CI). Placental response to heparin: Implications for the prevention of pre-eclampsia. Canadian Institutes of Health Research (CIHR) Grant, MOP – 123450, \$65,208 (\$521,660 total), October 2012 – September 2016.

Kingdom JC (Co-PI). The placental expression of HLA-F and its interaction in early placentation. Mount Sinai Hospital Research Foundation, Department of Obstetrics and Gynaecology, \$15,000, July 2012 – June 2013.

Kingdom JC (PI). Villous trophoblast turnover. Canadian Institutes of Health Research (CIHR). Grant Renewal, \$148,450 (\$593,799 total), October 2010 – September 2014.

Kingdom JC (PI), Collaborators: **Windrim R, Keating S, Hawrylyshn P,** Akhtar S, **Okun N,** Biringer A. Screening for placental health in nulliparous women. Academic Health Sciences AFP Innovation Fund, AFP-UHN, Mount Sinai Hospital, \$64,333 (\$193,000 total), July 2010 – June 2013.

Kroft J, Gien L (Co-PIs), Bernardini M, Elit L. Trends over time and regional variation in the use of laparoscopic hysterectomy for the treatment of endometrial cancer in the Province of Ontario. Division of Gynaecologic Oncology, Toronto, \$15,000, September 2012 – September 2013.

Kroft J (PI), Ordon M, Lee J, **Pittini R.** Can surgical "warm-up" with instructor feedback improve operative performance of surgical trainees? Sunnybrook Health Sciences SEAC ERC Education Research and Scholarship Grant. Sunnybrook Health Sciences Centre, \$2,986 (\$9,704 total), March 2013 – March 2014.

Ladhani N (PI), Murphy KE, Carvalho JC. Maternal cardiovascular changes in multiple gestation pregnancy. Mount Sinai Hospital Fund, \$10,000, September 2010 – September 2012.

Librach C (PI). General research in male infertility and Polycystic Ovarian Syndrome. Merck Serono, Merck Better Care, Healthy Communities Funding Program in Canada, MCA-110615-004662, \$50,000, October 2011 – September 2012.

Librach C (Principal Site Investigator). Exploratory, non-interventional study to identify and validate biomarkers in follicular fluid, cumulus or granulosa cells or embryo culture media for prediction of implantation and pregnancy outcome of Assisted Reproductive Technology cycle. Merck Serono SA (Geneva), EMR200497-001, \$25,000, October 2011 – September 2012.

Lilge L, **Derzko C.** Use of optical breast spectroscopy to evaluate short-term (early) breast tissue changes in post-menopausal women initiating menopausal hormone therapy. Princess Margaret Hospital Foundation Weekend Walkers Breast Cancer Innovation Fund Total operating budget: \$100,000, 2010 – ongoing.

Liu KE (Co-PI). Effect of endometrial biopsy on in-vitro fertilization pregnancy rates- a randomized, multicentre study. Ferring Inc, Unrestricted educational grant, \$134,400 (\$280,000 total) April 2012 – April 2014.

Loutfy M, **Lye SJ (Co-PIs),** Interdisciplinary HIV Pregnancy Research Group (**Shapiro H**). Care and research to optimize HIV-positive women's health during preconception, pregnancy and motherhood. CIHR, \$300,000 (\$900,000 total), April 2011 – March 2014.

Loutfy MR, De Pokomandy A, Hogg RS, Kaida AK (PI); Anema A, Angel JB, Baril J-G, Brophy JC, Brotto LA, Gahagan JC, Hankins CA, Kaushic C, Klein MB, Leonard LE, Lima VD, Lloyd-Smith EM, Miller C, Money DM, Ogilvie GS, Palmer A, Pick N, Raboud JM, Rachlis AR, Roth E, Rouleau D, Rourke SB, Tharao WE, Tremblay CL, Trottier B, Trottier S, Tsoukas CM,

Walmsley SL, **Yudin, MH** (CI). Canadian HIV Women and Reproductive Health Cohort Study, a Canadian Observational Cohort (CANOC) Affiliated Study. Canadian Institutes of Health Research (CIHR), Operating Grant, \$1,192,492, 2010 – 2015.

Loutfy MR, Serghides L, **Yudin MH** (PI); Bilsborrow PP, Doolittle-Romas M, Ion A, Katherine Muchenje M, O'Brien-Teengs D, Doris J; Peltier DJ, Ringlein M, Said T, Sandre R, Sharp M, Tharao WE, Angel J, Bayoumi A, Bitnun S, Brophy J, Calzavara L, Carvalhal A, Greene S, Gruslin A, Hamilton G, LaPorte C, **Lye S, Murphy KE**, Newmeyer T, Raboud J, Rachlis A, Ralph E, Rosenthal K, **Shapiro H, Shynlova O**, Silverman M, Smail F, Smith M, Walmsley S, Wobeser W (Collaborators). Interdisciplinary HIV pregnancy research group: Care and research to optimize HIV-positive women's health during preconception, pregnancy and motherhood. Canadian Institutes of Health Research (CIHR), Emerging Team Grant: Maternal Health, From Pre-conception to the Empty Nest, \$900,000, April 2011 – March 2014.

Lye SJ. Canada Research Chair (Canada Research Chair in Improvement in Health and Function), Canadian Foundation for Innovation, Canada, Research Award, \$175,000 (\$1,400,000 total), 2008 – 2015.

Lye SJ (PI), Hood L, **Matthews S**, Mesiano S, Myatt L, **Pennell C**, Price N, Sadovsky Y. Systems biology of preterm birth: A pilot study. GAPPS (Global Alliance to Prevent Prematurity and Stillbirth), US\$67,655 (US\$541,240 total), April 2013 – March 2015.

Lye SJ. Fetal, neonatal and maternal health. CIHR, Tier 1 Canada Research Chairs Program, Operating Grant, \$200,000 (\$1,400,000 total), July 1, 2008 – June 30, 2015.

Lye SJ (PI), Adams L, Beilin L, Briollais L, **Matthews S**, Newnham J, Olynyk J, Palmer L, **Pennell C**. Gene environment interactions underlying DOHaD. Canadian Institutes of Health Research, Operating Grant, \$175,306 (\$876,529 total), April 1, 2010 – March 31, 2015.

Lye, SJ (PI), **Adamson L, Matthews SG. Pennell CE** (Co-Investigators). A murine model to investigate the mechanisms underlying DOHaD. CIHR, Operating Grant, \$182,170 (\$910,852 total), October 2009 – September 2014.

Lye SJ (PI), **Challis J, Dong X**. Progesterone signalling during pregnancy and labour. Canadian Institutes of Health Research. Operating Grant, \$152,020 (\$798,107 total), January 1, 2011 – March 31, 2016.

Lye SJ (PI), **Pennell C, Shynlova O**. Peripheral leukocytes as targets for preterm birth prevention. March of Dimes Birth Defects Foundation, Operating Grant, US\$107,178 (US\$482,300 total), March 1, 2010 – February 28, 2013.

Lye SJ (PI), Shynlova O (Co-Investigator). Control of myometrial contractile activity during pregnancy. CIHR, Operating Grant, \$182,464 (\$912,320 total), October 2010 – September 2015.

Lye SJ (PI), **Kingdom J, Caniggia I**, Tough S, Lyon A, Slater D (Co-PIs). Predictive Biomarkers of Preeclampsia. McLaughlin Centre (Accelerator Grant), \$41,6676 (\$50,000 total), May 2012 – April 2013.

Lye SJ (PI); Co-PIs: Barr C, Briollais L, Corter C, Fleming A, Jenkins J, Kennedy J, **Lee S**, Levitan R, **Matthews S**, Palmer L, Pascal C, Sokolowski M; Collaborators: Pennell C, Steiner M. Developmental Trajectories: A University of Toronto system-wide initiative to improve health, learning and society. Connaught Global Challenge (University of Toronto), \$500,000 (\$1,000,000 total), July 2011 – June 2013.

Magee LA (PI); Armson BA, Asztalos EV, Gafni A, Gruslin AMR, Helewa ME, Hutton EK, **Lee SK**, Logan AG, Moutquin Jean-Marie, **Murphy KE**, Rey EE, Ross SJ, Singer J, von Dadelszen P (CIs), **Seaward PGR** (Collaborator). CHIPS Control of Hypertension in Pregnancy Study. Canadian Institutes for Health Research, \$827,049 (\$4,135,245 total), July 2008 – June 2013.

Magee LA (PI), Chanoine JP, Robinson W, Devin A, von Dadelszen P, Gafni A, Hutton E, Cote A-M, **Lee S**, Gruslin A, **Asztalos E**, Koren G, **Murphy KE**, Helewa M, Moutquin JM, Rey E, Roseboom T. CHIPS Control of Hypertension in Pregnancy Study Trial - Child. Canadian Institutes of Health Research (CIHR), Clinical Trials, \$291,169 (\$1,164,677 total), October 2011 – September 2015.

Maryrand MH (PI), Bentley J, Besette P, Coutlee F, **Murphy KJ**. Colposcopy vs HPV testing to identify persistent precancers. Terry Fox Foundation New Investigator Grant, 020428. \$317,468 (\$1,587,340 total), July 2009 – June 2014.

Maxwell C (PI), Glanc P. Can the 15 week transvaginal ultrasound decrease the number of examinations required for the fetal anatomic evaluation in obese pregnant women? Ontario Ministry of Health and Long-Term Care, Mount Sinai/UHN Academic Medical Organization Innovation Fund, \$10,736 (\$85,891 total), 2009 – 2012.

McKerlie C (PI), Brown S; **Adamson SL**, Bubela T, **Rossant J**, Weaver T (Co-Applicants). In vivo models for human disease and drug discovery. Genome Canada, Operating grant. \$4,900,000, (\$1633,333 per annum), July 2011 – June 2014.

Medel S(PI), **Shynlova O**, **Alarab M**, **Drutz H**. Attachment and proliferation of primary vaginal fibroblasts to absorbable and non-absorbable materials coated with platelet rich plasma: potential role in Pelvic Organ Prolapse surgery (Pilot study). Research Fund, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University Health Network, \$9,817, July 2013 – January 2014

Meffe F (PI), Biringer A, **Caccia N**, Espin S, Sharpe M, Van Wagner V, Moravac C(CIs). Developing, implementing and evaluating an Interprofessional Collaboration in Maternity Care Program (for practicing health care professionals): A Pilot Project. Canadian Protective Medical Association, Grant, \$5,882 (\$50,000 total), April 2011 – August 2012.

Money DM, **Bocking AD**, Hemmingsen SM, Hill JE, Reid G (PIs); Dumonceaux TJ, Gloor GB, Links MG, O'Doherty KC, Tang PK, Van Schalkwyk JE, **Yudin MH** (CIs). The Vaginal Microbiome Project Team. Emerging Team Grant: Canadian Microbiome Initiative, CIHR, Operating Grant, \$349,068, (\$1,745,340 total), September 2010 – August 2015.

Murphy KJ, Chapman B, Boerner S. Evaluation of the role of human papilloma virus testing P16 expression in the management of patients undergoing cervical screening. Princess Margaret Hospital Foundation, \$257,000, 2008 – Present.

Nagy A. Tier 1 - Canada Research Chair in Stem Cells and Regeneration, \$1,400,000, October 2007 – October 2014.

Nagy A (PI). Somatic cell reprogramming and therapeutics. Canadian Institutes of Health Research, \$1,251,797, September 2009 – August 2014.

Nagy A (PI), Pawson T, Quaggin S, Rossant J, Quaggin S, Wrana J, Ding H. CIHR Team in genetic analysis of signaling pathways for vascular development and tumorigenesis. Canadian Institutes of Health Research, Terry Fox Foundation New Frontiers Program Project Grant Renewal, \$1,394,733, July 2010 – June 2015.

Nagy A (PI), Rogers I, Woodgett J, Wrana J, Zandstra P, Rossant J. Molecular pathways of reprogramming – from discovery to novel therapeutics. Ontario Research Fund, Global Leadership in Genomics and Life Sciences (ORF-GL2), \$9,058,021, April 2010 – April 2014.

Nagy A (PI), Rossant J, Wrana J, Rogers I, Zandstra P, Woodgett J (CIs). Characterization of cell reprogramming mechanisms. Ontario Ministry of Research and Innovation, Global Leadership Round in Genomics & Life Sciences (GL²) Grant, \$146,939 (\$600,000 total), January 2010 – January 2014.

Narod SA (PI), Casper RF, Kotsopoulos J, Wheeler AR. The physiological impact of postmenopausal oophorectomy on hormone levels in women with BRCA1 mutation. CIHR - NSERC partnered, Collaborative Health Research Projects. \$137,590. (\$412,769 total), June 2012 – May 2015.

Narod S, Murphy KJ (Co-PIs). Collaborators: Cheung AM, Finch AP, Harvey PJ, **Rosen BP.** The effect of prophylactic salpingo-oophorectomy on markers of health in women who carry a BRCA mutation. CIHR. Cancer Research; Genetics. 2785822, \$127, 414 (\$382,242 total), June 2012 – May 2015.

Nulman I (PI), Koren G, Barrera M, Warner E, Maxwell C, Sermer M, Tozer R, Madarnas Y, Brezden-Masley C, Sridhar S, Colapinto N (CIs). Neurodevelopment of children exposed in utero to chemotherapy for maternal breast cancer. Canadian Breast Cancer Foundation, \$109,143 (\$436,570 total), 2010 – 2013.

Oko R (PI), Librach C. PAWP, a candidate sperm-borne oocyte activating factor. Canadian Institutes of Health Research (CIHR), Operating Grant, \$138,096 (\$690,480 total). July 2012 – June 2017.

Olson D, Trough S (PIs), Bocking AD, Lee SK (CIs) Preterm birth and healthy outcomes. Alberta Heritage Foundation for Medical Research (AHFMR), \$5,000,000, January 2008 – December 2013.

Pittini R, Ordon M, Lee J. Can surgical warm-up with instructor feedback improve operative performance of surgical trainees? Sunnybrook Health Sciences Centre, SEAC ERC Educational Research and Scholarship Fund, \$2,986 (\$9,704 total), March 2013 – March 2014.

Plante, Marie (PI). Collaborators: **Ferguson SE**, Kwon J, Brotto L, Fyles T, Meyer R, Craighead P, Gavin S, Arseneau J, Atri M. The SHAPE Trial: Simple hysterectomy and pelvic node dissection in early cervix cancer. Canadian Institutes of Health Research, \$220,000, (\$2,200,000 total), September 2012 – September 2020.

Ray JG (PI), **Berger H**, Maguire JL, Retnakaran RR. Abdominal visceral fat measured in early pregnancy as a novel and practical early predictor of gestational diabetes mellitus. CIHR Operating Grant, \$176,090, January 2013 – June 2015.

Redelmeier DA (PI), **Laskin CA**; **Librach CL**, Udell JA. The STORK Study: Symptomatic thrombosis and occlusions following reproductive kindling. CIHR Catalyst Grant-Clinical Interventions for Cardiovasc Disease/Heart and Stroke Foundation \$100,000, July 2011 – June 2013.

Ringuette M (PI), **Brown TJ**, Gariepy J, Petrik J, **Murphy KJ**. Development of SPARC mimetic peptides for targeting peritoneal metastasis of epithelial ovarian cancer. Collaborative Health Research Projects, \$153,699 (\$461,097 total), April 2011 – March 2014.

Robinson N, **Maxwell C** (Co-PIs), **Carvalho J**, **Keunen J**. NICOM monitoring of obese pregnant women. Mount Sinai Hospital Department of Obstetrics and Gynaecology Research Fund, \$4,900 (\$9,800 total), 2012 – 2013.

Rogers I, Harris D (Co-PIs) A model for analyzing the role of extrinsic factors responsible for aging of the human immune system. National Institutes of Health (NIH) (USA), Eureka Grant, \$40,000 (\$160,000 total), April 2010 – May 2014.

Rogers I (PI). Wound healing. Centre for Commercialization and Regenerative Medicine, Proof of Principle Grant, \$30,000, January 2013 – March 2013.

Rogers I (PI). Islets derived from multipotent blood cells. MaRS Discovery District (ON) Grant. \$50,000, July 2012 – June 2013.

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COMMON ABBREVIATIONS

AACR	American Association for Cancer Research
AAGL	American Association of Gynecologic Laparoscopists
AAP	American Academy of Pediatrics
ACMG	Annual Clinical Medical Genetics Meeting
ACOG	American Congress of Obstetricians and Gynecologists
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 Gynecology 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 Health, Obstetric and Neonatal Nurses
BICOG	British International Congress of Obstetrics and Gynaecology
CAFS	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/Obstetrics Committee (SOGC)
CAPHC	Canadian Association of Paediatric Health Centres
CAPRI	Canadian Alliance for Pediatric Rheumatology Investigators
CAPSNet	Canadian Pediatric 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

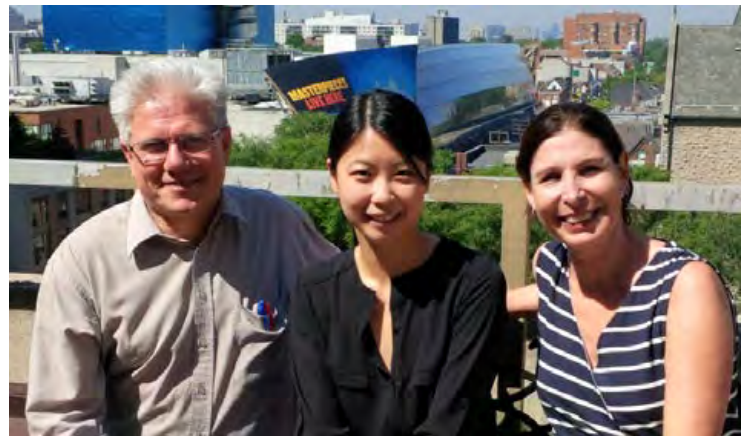
CCMG	Canadian College of Medical Geneticists
CCMS	Chinese Canadian Medical Society (Ontario)
CCOCR	Canadian Conference on Ovarian Cancer Research
CCSRI	Canadian Cancer Society Research Institute
CDA	Canadian Diabetes Association
CEPD	Continuing Education and Professional Development (University of Toronto)
CERI	Canadian Epilepsy Research Initiative
CFPC	College of Family Physicians of Canada
CFRC	Centre for Fertility and Reproductive Care (MSH)
CHI	Canada Health Infoway
CHU	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, Gynaecology and Infertility
COMEGO	Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C.
COSA	Clinical Oncological Society of Australia
CPA	Canadian Physiotherapy Association
CPS	Canadian Paediatric Society
CREOG	Council on Resident Education in Obstetrics and Gynecology
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
DCP (NCI)	Division of Cancer Prevention (National Cancer Institute)
DPSG	Diabetic Pregnancy Study Group
EASD	European Association for the Study of Diabetes
ECNP	European College of Neuropsychopharmacology
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 Gynecology 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 Gynecologic Oncology of Canada
GOG	Gynecologic Oncology Group
HSC	Hospital for Sick Children
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-perinatal Networks
ICS	International Continence Society
IGCS	International Gynecologic Cancer Society
ICHG	International Congress of Human Genetics
IDSA	Infectious Diseases Society of America
IDSOG	Infectious Diseases Society for Obstetrics and Gynecology
IEEE	Institute of Electrical and Electronics Engineers
IFMSS	The International Fetal Medicine and Surgery Society
IGORS	International Gynecologic Oncology Robotic Symposium
IFPA	International Federation of Placenta Associations
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 Pediatric Endoscopy Group
IPE	Interprofessional Education
IPOS	International Psycho-Oncology Society
ISDS	International Skeletal Dysplasia Society
ISMRM	The International Society 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 Urogynecological Association
LHIN	Local Health Integration Network
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 Pediatric and Adolescent Gynecology
NESA	New European Surgical Academy
NCI	National Cancer Institute (part of NIH)
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
Ornge	Formerly Ontario Air Ambulance
OMA	Ontario Medical Association
OTIS	Organization of Teratology Information Specialists

PAG	Paediatric and Adolescent Gynaecology
PAS	The Pediatric Academic Societies
PAX	Peritoneal Society: New name: PnS: Peritoneum and Surgery
PCRS	Pacific Coast Reproductive Society
PMH	Princess Margaret Hospital
PNOGA	Pacific Northwest Obstetrical & Gynecological Association
POGO	Pediatric Oncology Group of Ontario
PREBIC	PREterm BIRTH Collaborative
PSANZ	Perinatal Society of Australia and New Zealand
PSI	Physicians' Services Incorporated
RCOG	Royal College of Obstetricians and Gynaecologists (UK)
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 Gynecologic Investigation
SGO	Society of Gynecologic 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
SIECAN	Sex Information and Education Council of Canada
SIR	Society of Interventional Radiology
SJHC	St. Joseph's Health Centre
SLRI	Samuel Lunenfeld Research Institute
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 Gynecological Society
SOGT	Society of Obstetricians and Gynecologists of Toronto
SORB	Southern Ontario Reproductive Biology
SSR	Society for the Study of Reproduction
STGO	Tunisian Society of Gynaecology and Obstetrics
STLHE	Society for Teaching and Learning in Higher Education
TEGH	Toronto East General Hospital
UGSA	UroGynaecological Society of Australasia
UHN	University Health Network
USCAP	United States and Canadian Academy of Pathology
WAGO	Western Association of Gynecologic Oncologists
WEBC	Weekend to End Breast Cancer
WFUMB	World Federation for Ultrasound in Medicine and Biology

WHI
WHO
WRGC

Women's Health Initiative
World Health Organization
World Robotic Gynecology Congress



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