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.

Department of Obstetrics and Gynaecology
Faculty of Medicine
University of Toronto
92 College St.
Toronto, Ontario  M5G 1L4

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Fax: 416 978 8350
Website: http://www.obgyn.utoronto.ca/
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.
TABLE OF CONTENTS

CHAIR'S REPORT ................................................................. 2
FACULTY .............................................................................. 5
ADMINISTRATIVE STAFF ..................................................... 9
RESIDENTS ........................................................................ 10
CLINICAL FELLOWS ........................................................ 11
COMMITTEES ..................................................................... 13
HOSPITAL STATISTICS ..................................................... 16
DIVISIONS ........................................................................ 18
  Gynaecologic Oncology .................................................. 18
  Maternal-Fetal Medicine ............................................... 19
  Paediatric and Adolescent Gynaecology ......................... 20
  Reproductive Endocrinology and Infertility ...................... 21
  Urogynaecology ............................................................ 22
PROGRAMS ........................................................................ 23
  Undergraduate Medical Education .................................. 23
  Residency Training Program .......................................... 24
  Fellowship Training Programs ....................................... 25
  Continuing Medical Education ...................................... 26
EDUCATIONAL PARTNERSHIP PROGRAM ...................... 29
COMMITTEE REPORTS ...................................................... 30
  Research Committee .................................................... 30
  Promotions Committee ................................................ 31
SIGNIFICANT HONOURS AND AWARDS ......................... 32
PEER-REVIEWED PUBLICATIONS .................................... 35
  Original Research ......................................................... 35
  Clinical Practice Guidelines, Book Chapters and Case Reports .................................................. 47
INVITED LECTURES AND VISITING PROFESSORSHIPS ....... 50
ORAL AND POSTER PRESENTATIONS ............................... 72
  National and International Meetings ............................... 72
  Research Day ................................................................ 84
RESEARCH GRANTS AND INVESTIGATIONS ..................... 102
COMMON ABBREVIATIONS ............................................... 114
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
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 Lefebvre
Stephen Lye
Andras Nagy
JW Knox Ritchie

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

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

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<tr>
<th>Assistant Professors cont’d</th>
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<th>Adjunct Professors</th>
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<tr>
<td>Karen Glass</td>
<td>Elliott Lyons</td>
<td>Kofi Amankwah†</td>
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<td>Mathias Gysler</td>
<td>Katherine MacRury</td>
<td>Craig Pennell</td>
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<td>Peter Hawrylyshyn</td>
<td>Ann Kinga Malinowski</td>
<td>Felice Petraglia</td>
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<td>Man Fan Ho</td>
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<td>Paul Thistle</td>
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<td>Stephen Im</td>
<td>Cynthia Maxwell</td>
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<td>Johannes Keunen</td>
<td>Colleen McDermott</td>
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<td>Murray Kroach</td>
<td>Eva Mocarski</td>
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<td>Rachel Kupets</td>
<td>Sergey Moskvtsev</td>
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<tr>
<td>Elyse Lackie</td>
<td>Ori Nevo</td>
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<tr>
<td>Noor Ladhani†</td>
<td>Robert D Nicholson</td>
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<tr>
<td>Stephane Laframboise</td>
<td>Melanie Ornstein</td>
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<tr>
<td>Evelyn Lambe†</td>
<td>L Ray Osborne</td>
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<tr>
<td>Andrea Lausman</td>
<td>Wusun Paek</td>
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<td>Patricia Lee</td>
<td>Nicholas Piaudeau</td>
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<td>Elyse Levinsky</td>
<td>Deborah Robertson</td>
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<td>Grace Liu</td>
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<td>Kimberly Liu</td>
<td>David Rosenthal</td>
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<tr>
<td>Danny Lovatsis</td>
<td>Rajiv Shah</td>
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<td>Samuel Charles (Peter) Bryson†</td>
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<tr>
<td>Anjali Aggarwal</td>
<td>Jennifer Cram</td>
<td>Allan Kanee</td>
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<td>Rebecca Arthur</td>
<td>Lanval (Joe) Daly</td>
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<td>Clarissa Bambao</td>
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<td>Yolanda Kirkham</td>
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<td>Yoav Brill</td>
<td>Maja Gans</td>
<td>Sylvie Leone-Tomaschoff</td>
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<td>Melanie Caetano</td>
<td>Dimitrios Giannoulia</td>
<td>Patrick M Liao</td>
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<td>David Caloia</td>
<td>Gwendolyn Goodrow</td>
<td>Terry Logaridis</td>
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<td>Paul Chang</td>
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<td>Nicole Cherry</td>
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<td>Tara MacLeod</td>
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<td>Astrid Christoffersen-Deb</td>
<td>Ronnie Hakim</td>
<td>Erica Mantay</td>
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<tr>
<td>Kelly Chu†</td>
<td>Helen Ho</td>
<td>Mary Melchior</td>
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<tr>
<td>Aleksandre Corbey</td>
<td>Dini Hui</td>
<td>Matthew Morton</td>
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<tr>
<td>Catherine Ann Cowal</td>
<td>Sybil Judah</td>
<td>Kerry Myckan</td>
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† Indicates appointment ending in the 2012-2013 academic year.
### FACULTY

#### Primary Appointments cont’d

**Lecturers cont’d**

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<td>Peter W. Scheufler</td>
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<td>Amanda Selk</td>
<td>Melissa Tai</td>
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**Adjunct Lecturers**

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<tr>
<td>George Arnold</td>
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<td>Mary Cheng</td>
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<td>Stacy Costa</td>
<td>Joanne Ma</td>
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<td>Joseph Cramer</td>
<td>Haidar Mahmoud</td>
<td>Gonzalo Zevallos</td>
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<tr>
<td>Kristina Dervaitis†</td>
<td>Enrique Reyes</td>
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†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
José Carvalho - Anaesthesia
William B. Chapman - Laboratory Medicine & Pathobiology
David A. Chitayat - Paediatrics
Terence Colgan - Laboratory Medicine & Pathobiology
Jack Marc Colman - Cardiology
Anthony W. Fyles - Radiation Oncology
Stephen Halpern - Anaesthesia
Mahmoud Khalifa - Laboratory Medicine & Pathobiology

Associate Professors
Ida Ackerman - Radiation Oncology
Elizabeth Asztalos - Paediatrics
Michael Dunn - Paediatrics
Denise Feig - Medicine
Katherine Fong - Medical Imaging
Phyllis Glanc - Medical Imaging
Stephen Holzapfel - Family & Community Medicine
Sarah Keating - Laboratory Medicine & Pathobiology

Shoo Lee - Paediatrics
Michelle Letarte - Immunology
Stephen Matthews - Physiology
Steven Narod - Public Health Sciences
Amit Oza - Medical Oncology
Lyle Palmer - Public Health
Gail Robinson - Psychiatry
Janet Rossant - Molecular Genetics
Sam Siu - Medicine
Donna Stewart - Psychiatry
Gillian Thomas - Radiation Oncology
Ants Toi - Medical Imaging
Weksberg - Molecular Genetics

Carl Laskin - Medicine/Immunology
Joel Ray - Medicine
Shia Salem - Medical Imaging
Patricia Shaw - Laboratory Medicine & Pathobiology
Andrew T. Shennan - Paediatrics
Candice Silversides† - Medicine
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 2
Jessica Green
David Gurau
Ummi Habiba
Adrienne Li
Rebecca Menzies
Laura Noack
Rebecca Rich
Michael Secter
Alison Shea
Andrea Simpson
John Snellgrove
Liane Tan
Julie Thorne

PGY 3
Emily Baker
Kimberly Bremer
Caroline Chan
Amanda Cipolla
Paulina Cybul ska*
Courtney Jolliffe
Genevieve Lennox
Brian Liu
Karli Mayo
Heather Millar
Stephen Morris
Muhseen Yusuf

PGY 4
Melanie Campbell
Brian Ferguson
Helena Frecker
Louise-Helene Gagnon
Alice Han
Julia Kfouri
Kelsey Mills
Leslie Po
Priya Sharma
Laura Sovran
Evan Taerk

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

ADVANCED OBSTETRICS
John Naguib Eid Ibrahim
Shadha Hussein Jawad Al-Hawash

ADVANCED HIGH-RISK OBSTETRICS
Nir Melamed

GYNAECOLOGIC ENDOSCOPY
Artin Ternamian
Brenda Sohn

GYNAECOLOGIC ONCOLOGY (RCPSC)
Allan Covens
Lua Eiriksson
Tomer Feigenberg
Rory Mcvey
Clare Reade
Yakir Segev
Sarah Sinasac

GYNAECOLOGIC REPRODUCTIVE ENDOCRINOLOGY
AND INFERTILITY (RCPSC)
Barbara Cruickshank
Claire Jones
Nicole Paterson

MATERNAL-FETAL MEDICINE (RCPSC)
Cynthia Maxwell
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
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<td><em><em>MINIMALLY INVASIVE GYNAECOLOGICAL SURGERY (AAGL</em>)</em>*</td>
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<td>Miriam Ang</td>
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<td><strong>PAEDIATRIC AND ADOLESCENT GYNAECOLOGY</strong></td>
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<td>Hospital for Sick Children</td>
<td>Yolanda Kirkham</td>
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<td>Mount Sinai Hospital</td>
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<td>Sebastian Medel</td>
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<td>Wendy Wolfman</td>
<td>Debra Evaniuk</td>
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*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. Lefèbvre - *Obstetrician and Gynaecologist-in-Chief, St. Michael’s Hospital*
S.J. Lye - *Vice-Chair, Research*
F. Meffe - *Chair, Undergraduate Education Committee*
R. Shah - *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, *Chair (To May 2013)*
   R. MacKenzie
   M. Sved
R. Shah, *Chair (As of May 2013)*
   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, *Chair*
   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 Committee
S. Lye/T.J. Brown, Chair  R. Casper  S. Matthews
S.L. Adamson  A. Covens  K.E. Murphy
J. Barrett  J. Kingdom  D. Steele
A. Bocking  R. Kung  R. Windrim
T. Brown  E. Lambe  M. Yudin
I. Caniggia  C. Librach

Fellowship Directors Committee
H. Shapiro, Chair  D. Hui  C. Reade
H. Berger  S. Kives  G. Seaward
A. Bocking  P. Lee  D. Steele
R. Casper  G. Lefèvre  A. Ternamian
A. Covens  C. Librach  W. Wolfman
B. Cruickshank  D. Lovatsis  H. Wong
H. Drutz
R. D’Souza  C. Maxwell

Promotions Committee
J. Kingdom, Chair
L. Allen
T.J. Brown
A. Covens
G. Lefèvre
R. Pittini
P.G. Seaward
### Hospital Statistics
July 1, 2012 to June 30, 2013

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Course Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Kingdom</td>
<td>4th Bi-Annual Fetal Medicine Update</td>
<td>October 2012</td>
</tr>
<tr>
<td>&amp; Greg Ryan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joan Murphy</td>
<td>Cervical Cancer Screening &amp; Colposcopy Update</td>
<td>November 2012</td>
</tr>
<tr>
<td>Jackie Thomas</td>
<td>8th Annual Everyday Gynaecology</td>
<td>November 2012</td>
</tr>
<tr>
<td>Deborah Robertson</td>
<td>4th Annual Women’s Health Symposium</td>
<td>February 2013</td>
</tr>
<tr>
<td>&amp; Guylaine Lefèbvre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greg Ryan and</td>
<td>16th Annual Obstetric Ultrasound Setting the Standard for 2013</td>
<td>February 2013</td>
</tr>
<tr>
<td>Rory Windrim</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harold Drutz &amp;</td>
<td>8th Annual Mature Women’s Health Care</td>
<td>April 2013</td>
</tr>
<tr>
<td>Wendy Wolfman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Date</th>
<th>Presenter/Topic</th>
<th>Location</th>
</tr>
</thead>
</table>
| 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

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
</table>
| 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            |
EDUCATIONAL PARTNERSHIP PROGRAM

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

We would like to take this opportunity to acknowledge and thank all our partners for their generous commitment and support of our educational activities throughout this and past years.

The 2012 – 2013 Industry Sponsors are:

- AbbVie Canada
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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 Kfouri, 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 Sheriff 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 Paireaudou

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 Zolls
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 gynecologic 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.  

**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


CLINICAL PRACTICE GUIDELINES, BOOK CHAPTERS AND CASE REPORTS

Clinical Practice Guidelines


Book Chapters


Case Reports


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.


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.


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. 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, Herzylia, 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. 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. 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. 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.


Jurisicova 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.


**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.


**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-centric" 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-centric" 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.


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. Surgical check list. Hong Kong, China, June 2013.

Pairaudeau N. Hysteroscopy complications. Beijing, China, June 2013.


Pairaudeau N. Use of Forceps: Friend or Foe. Chang Chun, Jilin Province, China, June 2013.


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


National


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


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. Rationale for advanced debulking in ovarian cancer. Covidien Canada, Toronto, Canada. Presenter plus full day lab session. 2 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 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. Canadian usage and experience with cord blood. Invited Speaker. Jewish General Hospital Montreal, Montreal, Quebec, Canada. 10 January 2013.


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.


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.


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. 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. 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.** 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.


**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.


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.


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.

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

Brown TJ. 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.


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.


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.


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. When to do a Caesarian Section? OB-ICU Education Day, St. Michael’s Hospital (Li Ka Shing Centre), Toronto, Ontario, Canada, 25 September 2012.


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.


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, 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.** 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.


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.


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.


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. 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. 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.


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 Insitute, 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.


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. 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.


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.


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.


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.


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

ORAL AND POSTER PRESENTATIONS

National and International Meetings


Barrett JF. The Twin Birth Study: A multicentre international randomized controlled trial of planned Cesarean section and planned vaginal birth in twin pregnancies between 320/7 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.


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.


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.


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.


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.


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. Gonorrhoea (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.


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.


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.


Garcia J, **Caniggia I.** Death by Cooperation: Mtd interaction with Mc11 and its killing ability. SGI 2012 Annual Scientific Meeting: Improving Women's Health through Personalized Medicine, San Diego, California, USA, 21-24 March 2012.


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.


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.


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.


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.


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


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.


Tagliaferro A, Sivasubramaniyam 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.


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.


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.

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 GSK3β 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[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[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[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[1], Daniella Caprara[1], Doug Campbell[2], Mark Yudin[3].
(1) Department of Obstetrics & Gynaecology, University of Toronto, (2) Department of Paediatrics, St. Michael's 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[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[1], Leila Maghen[1], Seok-Ho Hong[1], Shlomit Kenigsberg[1], Andrée Gauthier-Fisher[1] and Clifford L. Librach[1,2,3].
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.

86
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), Dereck 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 Kfour[1], 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-β1 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(1,2). (1) Physiology, University of Toronto and (2) Obstetrics & Gynaecology, University of Ottawa.

P-B2  Prenatal Glucocorticoid Treatment Impairs TGF-β1 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), Jay MacGillivray (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 Bocking(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)  
(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 Azizeddin [O](1), Paula Mckie (1), Bahar Behrouzi (1), Araslanova Rakhna (1,4), Andréé 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.
ANNUAL REPORT 2012-2013

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), Andree 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 Veph1 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), André 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), André 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  
Zoe 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 TGFβ 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-1α 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 Sambi [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 Lougheed [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 Vainer [M]*(1), Leila Maghen*(1), Tanya Barretto (1), Schriber Pereira (1), Andreé 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. AltKudmani(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), Michèlle 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), Guylaine Lefêbvre(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) Lois 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), Guylaine Lefébvre (2)  
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)

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

**Resident: Julia Kfouri** (Supervisor: Patricia Lee)
A5 Collegial Conflict: Why Can’t We Just Get Along? Julia Kfouri, Patricia Lee

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

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

AND

**Marina Vainder** (Supervisor: 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), 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.


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) 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.


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


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), 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.


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. 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 (lvsi+) and IA2-IB1 (≤ 2cm) cervical cancer (GOG 278), DCP (NCI), 2013-2016.


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.


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.


Jurisica I, Oza AM (Principal Investigators), Colgan TJ, Jurisicova 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.

Jurisicova 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.

Jurisicova 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.

Jurisicova 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.


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.


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.


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.


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. 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), 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), 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.


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.


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.

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


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.


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.


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.

Rossos P, Murphy KJ (Co-PIs) Developing Canadian standardized synoptic reporting and outcome standards for colonoscopy and colposcopy to improve quality of care and access for cancer screening and surveillance. Canada Health Infoway (CHI), $428,571 ($750,000 total), July 2012 – March 2014.


Seed M (PI), Kingdom JC (CI) Early detection and neurodevelopmental impact of late onset IUGR. Canadian Institutes of Health Research Grant, $49,732 ($298,390 total), January 2013 – December 2015.
Shapiro H (PI), Chan C. Comparison of peer to peer learning to top down learning using home laparoscopic trainers. Department of Obstetrics and Gynecology, Mount Sinai Hospital, [Clinical Trials], $25,000, July 2012 – July 2014.


Shynlova O (PI), Alarab M. Vaginal stretch and ovarian hormones: Potential implications for the development of Pelvic Organ Prolapse. Research Fund, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University Health Network , $25,000 ($50,000 total), July 2012 – June 2014.

Shynlova O, Alarab M (Co-PIs) Menopause-related hormonal deprivation in the presence of mechanical stretch influence collagen and elastin remodeling in vaginal connective tissue of postmenopausal women: Potential implications for the development of Pelvic Organ Prolapse. Faculty of Medicine Dean’s New Staff Award, University of Toronto, $19,675, June 2013 – April 2014.


Sled J (PI), Macgowan C (Co-PI), Adamson L, Lee S, Kingdom JC, Seed M (Co-Investigators), Jaeggi E, Jurisicova A (Collaborators). Advanced MRI methods for early detection and characterization of placental dysfunction and the monitoring of therapy. Canadian Institutes of Health Research (CIHR) Grant, $70,000 ($630,000 total), March 2013 – February 2016.


Spitzer RF (PI), Allen LM (Collaborator). Use of ACASI to gather information on risk behaviours in a referral population of pregnant Canadian adolescents. Physicians’ Services Incorporated Foundation, Grant, $12,600, total $37,800, 2011 – 2013.

Tough S (PI), Bocking A (CI). Preterm birth and healthy outcomes. Alberta Innovates Health Solutions. $500,000, ($5,000,000 total), January 2008 – December 2012.


Wolfman W (Principal Applicant). Unrestricted industry grant for support of Menopause Unit-to-be used in support of education of new generation of menopause clinicians. Merck Canada Ltd. P $10,000, June 2012 – June 2013.


Zandstra P (PI), Nagy A. Scalable high density single-cell expansion and directed neural differentiation of human pluripotent stem cells. Centre for Commercialization and Regenerative Medicine, McEwen Centre CCRM Commercialization Impact Prize, $300,000 ($150,000 to Nagy A), January 2013 – January 2015.

### COMMON ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AACR</td>
<td>American Association for Cancer Research</td>
</tr>
<tr>
<td>AAGL</td>
<td>American Association of Gynecologic Laparoscopists</td>
</tr>
<tr>
<td>AAP</td>
<td>American Academy of Pediatrics</td>
</tr>
<tr>
<td>ACMG</td>
<td>Annual Clinical Medical Genetics Meeting</td>
</tr>
<tr>
<td>ACOG</td>
<td>American Congress of Obstetricians and Gynecologists</td>
</tr>
<tr>
<td>ACS</td>
<td>American Cancer Society</td>
</tr>
<tr>
<td>AEPC</td>
<td>Association for European Paediatric Cardiology</td>
</tr>
<tr>
<td>AHA</td>
<td>American Heart Association</td>
</tr>
<tr>
<td>AHFMR</td>
<td>Alberta Heritage Foundation for Medical Research</td>
</tr>
<tr>
<td>AHSC</td>
<td>Academic Health Sciences Centres</td>
</tr>
<tr>
<td>AIUM</td>
<td>American Institute of Ultrasound in Medicine</td>
</tr>
<tr>
<td>AMPATH</td>
<td>Academic Model Providing Access to Healthcare</td>
</tr>
<tr>
<td>APGO</td>
<td>Association of Professors of Gynecology and Obstetrics</td>
</tr>
<tr>
<td>APOG</td>
<td>The Association of Academic Professionals in Obstetrics and Gynaecology of Canada</td>
</tr>
<tr>
<td>ASBMR</td>
<td>American Society for Bone and Mineral Research</td>
</tr>
<tr>
<td>ASCCP</td>
<td>American Society for Colposcopy and Cervical Pathology</td>
</tr>
<tr>
<td>ASCP</td>
<td>American Society for Clinical Pathology</td>
</tr>
<tr>
<td>ASCO</td>
<td>American Society of Clinical Oncology</td>
</tr>
<tr>
<td>ASHG</td>
<td>American Society of Human Genetics</td>
</tr>
<tr>
<td>ASRM</td>
<td>American Society for Reproductive Medicine</td>
</tr>
<tr>
<td>AWHONN</td>
<td>Association of Women’s Health, Obstetric and Neonatal Nurses</td>
</tr>
<tr>
<td>BICOG</td>
<td>British International Congress of Obstetrics and Gynaecology</td>
</tr>
<tr>
<td>CAFS</td>
<td>Canadian Fertility and Andrology Society</td>
</tr>
<tr>
<td>CAGS</td>
<td>Canadian Association of General Surgeons</td>
</tr>
<tr>
<td>CAHR</td>
<td>Canadian Association of HIV Research</td>
</tr>
<tr>
<td>CAHSPR</td>
<td>Canadian Association for Health Services and Policy Research</td>
</tr>
<tr>
<td>CanDIPS</td>
<td>Canadian Diabetes in Pregnancy Study group</td>
</tr>
<tr>
<td>CANN</td>
<td>Canadian Association of Neonatal Nurses</td>
</tr>
<tr>
<td>CANPAGO</td>
<td>Canadian Paediatric and Adolescent Gynaecology/Obstetrics Committee (SOGC)</td>
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<tr>
<td>CAPHC</td>
<td>Canadian Association of Paediatric Health Centres</td>
</tr>
<tr>
<td>CAPRI</td>
<td>Canadian Alliance for Pediatric Rheumatology Investigators</td>
</tr>
<tr>
<td>CAPSNet</td>
<td>Canadian Pediatric Surgery Network</td>
</tr>
<tr>
<td>CAR</td>
<td>Canadian Association of Radiologists</td>
</tr>
<tr>
<td>CaRMS</td>
<td>The Canadian Resident Matching Service</td>
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<tr>
<td>CARO/ACRO</td>
<td>Canadian Association of Radiation Oncology</td>
</tr>
<tr>
<td>CBCF</td>
<td>Canadian Breast Cancer Foundation</td>
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<tr>
<td>CBCRA</td>
<td>Canadian Breast Cancer Research Alliance</td>
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<tr>
<td>CCASN</td>
<td>Canadian Congenital Anomalies Surveillance Network</td>
</tr>
<tr>
<td>CCC</td>
<td>Canadian Cardiovascular Congress</td>
</tr>
<tr>
<td>CCHCSP</td>
<td>Canadian Child Health Clinician Scientist Program</td>
</tr>
<tr>
<td>CFPC</td>
<td>College of Family Physicians of Canada</td>
</tr>
<tr>
<td>CCME</td>
<td>Canadian Conference on Medical Education</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Full Name</td>
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</tr>
<tr>
<td>CCMG</td>
<td>Canadian College of Medical Geneticists</td>
</tr>
<tr>
<td>CCMS</td>
<td>Chinese Canadian Medical Society (Ontario)</td>
</tr>
<tr>
<td>CCOOCR</td>
<td>Canadian Conference on Ovarian Cancer Research</td>
</tr>
<tr>
<td>CCSRI</td>
<td>Canadian Cancer Society Research Institute</td>
</tr>
<tr>
<td>CDA</td>
<td>Canadian Diabetes Association</td>
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<tr>
<td>CEPD</td>
<td>Continuing Education and Professional Development (University of Toronto)</td>
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<tr>
<td>CERI</td>
<td>Canadian Epilepsy Research Initiative</td>
</tr>
<tr>
<td>CFPC</td>
<td>College of Family Physicians of Canada</td>
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<tr>
<td>CFRC</td>
<td>Centre for Fertility and Reproductive Care (MSH)</td>
</tr>
<tr>
<td>CHI</td>
<td>Canada Health Infoway</td>
</tr>
<tr>
<td>CHU</td>
<td>Centre hospitalier universitaire Sainte-Justine</td>
</tr>
<tr>
<td>CIHR</td>
<td>Canadian Institutes of Health Research</td>
</tr>
<tr>
<td>CMAS</td>
<td>The Centre for Minimal Access Surgery</td>
</tr>
<tr>
<td>CMICR</td>
<td>The Centre for Mother, Infant, and Child Research</td>
</tr>
<tr>
<td>COGI</td>
<td>World Congress on Obstetrics, Gynaecology and Infertility</td>
</tr>
<tr>
<td>COMEGO</td>
<td>Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C.</td>
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<tr>
<td>COSA</td>
<td>Clinical Oncological Society of Australia</td>
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<tr>
<td>CPA</td>
<td>Canadian Physiotherapy Association</td>
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<tr>
<td>CPS</td>
<td>Canadian Paediatric Society</td>
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<tr>
<td>CREOG</td>
<td>Council on Resident Education in Obstetrics and Gynecology</td>
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<tr>
<td>CSEM</td>
<td>Canadian Society of Endocrinology and Metabolism</td>
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<tr>
<td>CSMFM</td>
<td>Canadian Society of Maternal Fetal Medicine</td>
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<tr>
<td>CSTM</td>
<td>Canadian Society for Transfusion Medicine</td>
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<tr>
<td>CTN</td>
<td>CIHR Canadian HIV Trials Network</td>
</tr>
<tr>
<td>CUA</td>
<td>Canadian Urologic Association</td>
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<tr>
<td>DCP (NCI)</td>
<td>Division of Cancer Prevention (National Cancer Institute)</td>
</tr>
<tr>
<td>DPSG</td>
<td>Diabetic Pregnancy Study Group</td>
</tr>
<tr>
<td>EASD</td>
<td>European Association for the Study of Diabetes</td>
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<tr>
<td>ECNP</td>
<td>European College of Neuropsychopharmacology</td>
</tr>
<tr>
<td>EORTC</td>
<td>European Organisation for Research and Treatment of Cancer</td>
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<td>EPA</td>
<td>European Placenta Group</td>
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<td>ESC</td>
<td>European Society of Cardiology</td>
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<tr>
<td>ESGE</td>
<td>European Society for Gynaecological Endoscopy</td>
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<tr>
<td>ESHRE</td>
<td>European Society of Human Reproduction and Embryology</td>
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<tr>
<td>FAIS</td>
<td>Federation of African Immunological Societies</td>
</tr>
<tr>
<td>FAOPS</td>
<td>Federation of Asian and Oceania Perinatal Societies</td>
</tr>
<tr>
<td>FCMS</td>
<td>Federation of Chinese American and Chinese Canadian Medical Societies</td>
</tr>
<tr>
<td>FIGO</td>
<td>International Federation of Gynecology and Obstetrics</td>
</tr>
<tr>
<td>FMWC</td>
<td>Federation of Medical Women of Canada</td>
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<tr>
<td>FORCE</td>
<td>Facing Our Risk of Cancer Empowered</td>
</tr>
<tr>
<td>GAPPS</td>
<td>Global Alliance to Prevent Prematurity and Stillbirth</td>
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<tr>
<td>GOC</td>
<td>The Society of Gynecologic Oncology of Canada</td>
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<tr>
<td>GOG</td>
<td>Gynecologic Oncology Group</td>
</tr>
<tr>
<td>HSC</td>
<td>Hospital for Sick Children</td>
</tr>
<tr>
<td>HSFO</td>
<td>Heart and Stroke Foundation of Ontario</td>
</tr>
<tr>
<td>HUPO</td>
<td>Human Proteome Organisation</td>
</tr>
</tbody>
</table>
IBD  Inflammatory Bowel Disease
ICAAC  Interscience Conference on Antimicrobial Agents and Chemotherapy
ICCONN  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
ISSSTD  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
WEBCE Weekend to End Breast Cancer
WFUMB World Federation for Ultrasound in Medicine and Biology
WHI  Women’s Health Initiative
WHO  World Health Organization
WRGC  World Robotic Gynecology Congress
The Department would like to acknowledge the work of Helen Robson, Arleen Morrin and Cherryl Bird in producing this report.

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