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

Telephone: 416 978 2668
Fax: 416 978 8350
Website: http://www.obgyn.utoronto.ca/
ADDENDUM to 2011-2012 Annual Report

Page 11

Under Clinical Fellows, the Fellows listed under Gynaecologic Oncology (RCPSC) and Mature Women’s Health and Menopause (Mount Sinai Hospital) were inaccurate. Please see below:

CLINICAL FELLOWS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DIRECTOR</th>
<th>FELLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gynaecologic Oncology (RCPSC)</td>
<td>Allan Covens</td>
<td>Lua Eiriksson</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tomer Feigenberg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rory Mcvey</td>
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<tr>
<td></td>
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<td>Clare Reade</td>
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<tr>
<td></td>
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<td>Yakir Segev</td>
</tr>
<tr>
<td></td>
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<td>Sarah Sinasac</td>
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<tr>
<td>SHOULD BE:</td>
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<tr>
<td>Gynaecologic Oncology (RCPSC)</td>
<td>Allan Covens</td>
<td>Lua Eiriksson</td>
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<tr>
<td></td>
<td></td>
<td>Gennady Miroshnichenko</td>
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<td>Clare Reade</td>
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<td></td>
<td></td>
<td>Sarah Sinasac</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Luc van Lonkhuijzen</td>
</tr>
<tr>
<td>Mature Women’s Health &amp; Menopause–Mount Sinai Hospital</td>
<td>Wendy Wolfman</td>
<td>No fellow</td>
</tr>
<tr>
<td>SHOULD BE:</td>
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<td></td>
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<tr>
<td>Mature Women’s Health &amp; Menopause–Mount Sinai Hospital</td>
<td>Wendy Wolfman</td>
<td>Debra Evaniuk</td>
</tr>
<tr>
<td></td>
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<td>Faiza Al-Gethami</td>
</tr>
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*All unidentified abbreviations may be found here
CHAIR’S REPORT

Alan D. Bocking, Professor and Chair

The academic year 2011-2012 could best be characterized as one of change for the University of Toronto Department of Obstetrics and Gynaecology. We celebrated the contributions of a number of members of our Department and said farewell to others.

Franca Conciatore had been the Department Business Manager since 2003 when I joined the Department, and, after 9 years of exemplary service, she has moved to the Department of Medieval Studies in the Faculty of Arts and Science. We wish Franca well and have welcomed Arleen Morrin, who has joined us from George Brown College. Jeannette Moniz also joined our administrative team as Co-ordinator of the Undergraduate Medical Education program. We are delighted that both Arleen and Jeannette are such assets to our Department.

Dr. Heather Shapiro completed her term as Postgraduate Medical Education Director in February after 11 years of outstanding service and we welcomed Dr. Donna Steele into this vitally important role. Heather will continue in a new role as Vice-Chair, Education, with responsibility for overseeing the Fellowship programs, as well as assisting Donna and Filomena Meffe in the expansion of our education programs to the Mississauga Academy of Medicine. Dr. Jennifer Blake also completed her second term as Chief of the Department of Obstetrics and Gynaecology at Sunnybrook Health Sciences Centre and Dr. Art Zaltz has taken over as the Interim Chief. Jenny will continue in her role as Director of Faculty Development for our Department.

This year, I was privileged to recommend to the Dean that 5 members of our Department be promoted to Associate Professor and these were all approved by the Provost effective July 1, 2012. Congratulations to Drs. Adrian Brown, Elaine Herer, Sari Kives, Michael Sved and Arthur Zaltz. We also welcomed 2 new fulltime members at the rank of Assistant Professor. Dr. Danielle Vicus joined the Division of Gynaecologic Oncology based at Sunnybrook Health Sciences Centre and Dr. Ann Malinowski joined the Division of Maternal-Fetal Medicine, based at Mount Sinai Hospital. We also welcomed eleven new lecturers to the Department at our community-affiliate hospital sites. Our faculty members are listed on pages 5-8 of this report and, at last count, surpassed 220 in total.

We had another outstanding research day with Dr. Pat Catalano of Case Western Reserve University in Cleveland as our Henderson Lecturer. The presentations by our trainees were all excellent and our congratulations go to the winners of the J W Knox Ritchie Research Awards, as well as all of the presenters and their supervisors. Dr. Mark Yudin was the recipient of the APOG Carl Nimrod Educator of the Year Award for our Department and I had the privilege of presenting him with this award at the APOG Annual Meeting. I also had the distinct pleasure of presenting the Chair’s research and teaching awards, as well as Hospital Departmental Teaching Excellence Awards at our Faculty Professional Development Half-Day and Awards Ceremony.

Congratulations to all of these individuals, who are listed on pages 29-30 of this report.
On the research front, it is of note that Dr. Stephen Lye was the recipient of a highly competitive $1 million Connaught Challenge Grant from the University of Toronto to facilitate the establishment of an interdisciplinary Institute of Human Development. This is an outstanding achievement and our Department is fortunate to be able to assist the Faculty of Medicine in leading this important initiative.

In closing, I would like to thank all our faculty, trainees and staff for their incredible support and commitment to the Department of Obstetrics and Gynaecology and I hope you enjoy reading about our collective accomplishments.

Yours sincerely,

Alan D. Bocking, MD, FRCSC
Gordon C. Leitch Professor and Chair
Department of Obstetrics and Gynaecology
FACULTY 2011-2012
Primary Appointments

Professors Emeriti
Denny De Petrillo
Terence A. Doran
Douglas J Gare
Walter J Hannah
Gordon M Lickrish
Ron A Livingstone
Ted (J.E.) 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
JW Knox Ritchie
Barry Rosen
Greg Ryan
P Gareth R Seaward
Mathew Sermer
R Michael Shier
Rory Windrim

Associate Professors
Lisa Allen
Jon Barrett
Abraham Bernstein
Adrian Brown
Christine Derzko
Alan Gerulath
James Goodwin
Ellen Greenblatt
Elaine Herer
Andrea Jurisionova
Sari Kives
Rose Kung
Clifford L Librach
Kay Lie
Paul McCleary
Filomena Meffe
K Joan Murphy
Kellie E Murphy
Nanette Okun
Richard Pittini
Heather Shapiro
Michael Sved
Artin Ternamian
Wendy Wolfman
Mark Yudin
Arthur Zaltz

Assistant Professors
Hani Akoury
May Alarab
Oluleke Badmos
Marshall Barkin
Samir Batarseh
Yaakov Bentov
Howard Berger
Marcus Bernardini
Janet Bodley
Nicolette Caccia
Kenneth Cadesky
Dennis K. Chu
E Anne Claessens
Howard Cohen
Barbara Cruickshank
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
Karen Glass
FACULTY
Primary Appointments cont’d

Assistant Professors cont’d
Mathias Gysler
Peter Hawrylyshyn
Man Fan Ho
Stephen Im
Johannes Keunen
Murray Kroach
Rachel Kupets
Elyse Lackie
Stephane Laframboise
Evelyn Lambe
Andrea Lausman
Patricia Lee
Elyse Levinsky
Grace Liu
Kimberly Liu
Danny Lovatsis
Elliott Lyons
Katherine MacRury
Ann Kinga Malinowskii†
Adelmo Martoglio
Cynthia Maxwell
Colleen McDermott
Eva Mocarski
Sergey Moskovtsev
Ori Nevo
Robert D Nicholson
Melanie Ornstein
L Ray Osborne
Wusun Paek
Nicholas Pairaudeau
Kristy A. Prouse
Deborah Robertson
Ian Rogers
David Rosenthal
Jodi Shapiro
Prati Sharma
Rajiv Shah
Sony Sierra
Dana Soroka
Rachel Spitzer
Donna Steele
Wilf Steinberg
Karen Tessler
Bruce W. Thomas
Jackie Thomas
Modupe Tunde-Byass
Danielle Vics
Fay Weisberg
Wendy Whittle
Herb Wong
Suzanne Wong
Brenda T Woods

Lecturers
Anjali Aggarwal†
George Arnold
Rebecca Arthur
Clarissa Bamboo
Ari Baratz
Dalip Kumar Bhangu
Veena Bonde
Yoav Brill
Melanie Caetano
David Caloia
Shannon Causey
Paul Chang
Mary Cheng
Nicole Cherry
Astrid Christoffersen-Deb
Aleksandre Corbey
Stacy Costa
Catherine Ann Cowal
Jennifer Cram
Joseph Cramer
Lanval (Joe) Daly
Alfonso Del Valle Rebeil
Anthony Di Pierdomenico
Patricia Doyle
Marianne R. Duemler
Maja Gans
Dimitrios Giannoulis
Gwendolyn Goodrow
Beata Grygowski
Shlomo Grynspan
Paul Gurland
Ronnie Hakim
Helen Ho
Dini Hui
Sybil Judah
Allan Kanee
Angela Kang
Yolanda Kirkham
Jevan Ko†
Danny Kreichman
Jamie Kroft†
Asha Kurup†
Sabrina Lee
Sylvie Leone-Tomaschoff
Patrick M. Liao
Terry Logaridis
Joanne Ma
Roberta Mackenzie
Tara MacLeod
Haidar Mahmoud
Erica Mantay†
Mary Melchior
Matthew Morton
Kerry Myckan
Alexandra Nevin Lam
Esther Park
Perry Phillips
Elin Raymond
Enrique Reyes†
Kimberly Rogers
Nathan Roth
Edward Ryan
Abheha Satkunaratnam
Jan Scheeres†
Peter W. Scheufler
Amanda Selk
Nicholas Shilletto
Eliane Shore†
Paul Shuen
Michael Silver†
Gita Singh
John Robert Smith
FACULTY
Primary Appointments cont’d

Lecturers cont’d
Kirsten Smith  Carol Wade Jeremy C Wong
Richard Stein Sierra Washington Vincent Wu
Linda Stirk Peter Watt† Lynne Zolis†
Melissa Tai Georgina Wilcock
Scott Tigert

Adjunct Faculty
Craig Pennell
Felice Petraglia
Paul Thistle

†New appointment  ‡Joint appointment with Department of Physiology
## FACULTY
### Cross Appointments

**University Professors Emeriti**
- John Challis - Physiology

**Professors Emeriti**
- Jerald Bain - Medicine
- Anne Kenshole - Medicine
- Arne Ohlsson - Paediatrics
- Maire E. Percy - Physiology

**Professors**

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tbody>
<tr>
<td>Denise Belsham</td>
<td>Physiology</td>
<td>Shoo Lee - Paediatrics</td>
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<td>William B. Chapman</td>
<td>Laboratory</td>
<td>Michelle Letarte - Immunology</td>
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<td>José Carvalho</td>
<td>Anaesthesia</td>
<td>Stephen Matthews - Physiology</td>
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<tr>
<td>David A. Chitayat</td>
<td>Paediatrics</td>
<td>Steven Narod - Public Health Sciences</td>
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<td>Joe T. Clarke</td>
<td>Paediatrics</td>
<td>Amit Oza - Medical Oncology</td>
</tr>
<tr>
<td>Terence Colgan</td>
<td>Laboratory</td>
<td>Lyle Palmer - Public Health</td>
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<tr>
<td>Jack Marc Colman†</td>
<td>Medicine-Cardiology</td>
<td>Gail Robinson - Psychiatry</td>
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<td>Anthony W. Fyles</td>
<td>Radiation Oncology</td>
<td>Janet Rossant - Molecular Genetics</td>
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<td>Stephen Halpern</td>
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<td>Sam Siu - Medicine</td>
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<td>Mahmoud Khalifa</td>
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<td>Donna Stewart - Psychiatry</td>
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<td>Medicine &amp; Pathobiology</td>
<td>Gillian Thomas - Radiation Oncology</td>
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<td>Ants Toi - Medical Imaging</td>
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<td>Weksberg - Molecular Genetics</td>
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**Associate Professors**

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<tr>
<td>Ida Ackerman</td>
<td>Radiation Oncology</td>
<td>Carl Laskin - Immunology</td>
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<td>Elizabeth Asztalos</td>
<td>Paediatrics</td>
<td>Joel Ray - Medicine</td>
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<td>Michael Dunn</td>
<td>Paediatrics</td>
<td>Shia Salem - Medical Imaging</td>
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<td>Denice Feig</td>
<td>Medicine</td>
<td>Patricia Shaw - Laboratory</td>
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<tr>
<td>Katherine Fong</td>
<td>Medical Imaging</td>
<td>Medicine &amp; Pathobiology</td>
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<tr>
<td>Phyllis Glanc</td>
<td>Medical Imaging</td>
<td>Medicine &amp; Pathobiology</td>
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<tr>
<td>Stephen Holzapfel</td>
<td>Family &amp; Community Medicine</td>
<td>Medicine &amp; Pathobiology</td>
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<td>Sarah Keating</td>
<td>Laboratory</td>
<td>Andrew T. Shennan - Paediatrics</td>
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<td>Medicine &amp; Pathobiology</td>
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</table>
FACULTY
Cross Appointments cont’d

Assistant Professors
Tony Barozzino - Paediatrics
Karen Chong - Paediatrics
Rachel Wald - Paediatrics
Sandra Viero - Laboratory Medicine & Pathobiology
Michael Sgro - Paediatrics
Martin Skidmore - Paediatrics

Lecturer
Nina Venkatarangam - Family & Community Medicine

ADMINISTRATIVE STAFF

Business Manager
Franca Conciatore/Arleen Morrin

Coordinator of Undergraduate Program
Maria Wowk/Jeannette Moniz

Coordinator of Postgraduate Program
Caroline Sutherland

Departmental Assistant
Cherryl Bird
RESIDENTS

PGY 1
Caroline Chan*
Jessica Green
David Gurau
Ummi Habiba
Adrienne Li
Rebecca Menzies
Rebecca Rich
Michael Secter
Alison Shea
Andrea Simpson
John Snelgrove
Liane Tan
Julie Thorne

PGY 2
Emily Baker
Kimberly Bremer
Caroline Chan*
Amanda Cipolla
Courtney Jolliffe
Genevieve Lennox
Brian Liu
Karli Mayo
Heather Millar
Stephen Morris
Muhseen Yusuf

PGY 3 cont’d
Shannon Moore
Leslie Po
Priya Sharma
Laura Sovran
Evan Taerk

PGY 4
Stephanie Backman
Genevieve Bouchard-Fortier
Daniela Caprara
Melanie Campbell
Crystal Chan*
Salikah Iqbal
Naana Jumah
Tharani Kandasamy*
Noushin Khoshbakht
Shannon Moore*
Lamide Oywumi
Lindsay Shirreff
Jing Qin

PGY 5
Dora Chan
Beth Cruickshank
Karthika Devarajan
Claire Jones
Tharani Kandasamy*
Siobhan Mark
Dan Nayot
Andrea Page
Susie Pakenham
Kalpana Sharma
Mara Sobel

*Split year
## CLINICAL FELLOWS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DIRECTOR</th>
<th>FELLOW</th>
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<tbody>
<tr>
<td><strong>Advanced Obstetrics</strong></td>
<td>P. Gareth Seaward</td>
<td>Sally Sabra, Chaula Mehta, Nasser Awad</td>
</tr>
<tr>
<td><strong>Advanced High-Risk Obstetrics</strong> - St Michael’s Hospital</td>
<td>Howard Berger</td>
<td>Reuven Kedar</td>
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<tr>
<td><strong>Gynaecologic Oncology (RCPSC)</strong></td>
<td>Allan Covens</td>
<td>Lua Eiriksson, Tomer Feigenberg, Rory Mcvey, Clare Reade, Yakir Segev, Sarah Sinasac</td>
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<tr>
<td><strong>Maternal-Fetal Medicine (RCPSC)</strong></td>
<td>Cynthia Maxwell</td>
<td>Abdulmohsen Al-Anjari, Ali Al-Ibrahim, Sawsan Al-Obaidly, David Baud, Marie Czikk, Rohan D’Souza, Rinat Hackmon, Mary Higgins, Noor Ladhani, Shay Porat, Na Tisha Robinson, Tim Van Mieghem</td>
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<tr>
<td><strong>Gynaecologic Reproductive Endocrinology and Infertility (RCPSC)</strong></td>
<td>Barbara Cruickshank</td>
<td>Kaajal Abrol, Ariadne Daniel, Kimberley Garbedian</td>
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<td><strong>Gynaecologic Endoscopy</strong></td>
<td>Artin Ternamian</td>
<td>Brenda Sohn, Ashraf Dawood</td>
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<td><strong>Minimally Invasive Gynaecological Surgery – St. Michael’s Hospital</strong></td>
<td>Guylaine Lefebvre</td>
<td>Edgar Boggs, Marianne Boutet, Catherine Tremblay</td>
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<tr>
<td><em><em>Minimally Invasive Gynaecological Surgery (AAGL</em>) – Sunnybrook Health Sciences Centre</em>*</td>
<td>Rose Kung</td>
<td>Miriam Ang</td>
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<td>Paediatric and Adolescent Gynaecology Hospital for Sick Children</td>
<td>Sari Kives</td>
<td>Yolanda Kirkham</td>
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<td>Reproductive Sciences</td>
<td>Robert Casper</td>
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<td>Wendy Wolfman</td>
<td>No fellow</td>
</tr>
</tbody>
</table>

*American Association of Gynecologic Laparoscopists*
DEPARTMENT COMMITTEES

Executive Committee & Appointments Committee

A.D. Bocking  -  Professor and Chair
Obstetrician and Gynaecologist-in-Chief,
Mount Sinai Hospital/University Health Network

J. Blake -  Associate Chair
Obstetrician and Gynaecologist-in-Chief,
Sunnybrook Health Sciences Centre

S.J. Lye -  Vice-Chair, Research and Chair, Research Committee

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

D. Farine -  Head, Division of Maternal-Fetal Medicine

G. Lefebvre -  Obstetrician and Gynaecologist-in-Chief, St. Michael’s Hospital

F. Meffe -  Chair, Undergraduate Education Committee

B. Rosen -  Head, Division of Gynaecologic Oncology, Princess Margaret
Hospital/University Health Network

M. Sermer -  Associate Chief, Mount Sinai Hospital/University Health Network

H. Shapiro/ - Chair, Postgraduate Education Committee

D. Steele

F. Weisberg -  Chair, Continuing Medical Education Committee

Undergraduate Committee

F. Meffe, Chair  S. Kives  R. Pittini
E. Baker  S. Lee  E. Shore
D. Bhang  M. Leonardi  M. Sobel
J. Blake  D. Lovatsis  M. Sved
A. Bocking  K. MacRury  S. Tigert
M. Gans  U. Mohan  M. Yusuf
L. Hawkins  M. Morton (June 2012 on)  S. Wong
D. Hui

Postgraduate Education Committee

H. Shapiro(until Feb 2012)/Donna Steele(Post 2012), Chair  J. Dodge  R. Rich (PGY1)
M. Farrugia  L. Sovran/J. Kfouri
S. Iqbal/S. Moore (PGY4) (PGY3)
C. Bambao  S. Kives  J. Shapiro
A. Bocking  R. Kung  D. Soroka
J. Bodley  K. MacRury  J. Thomas
A. Cipolla (PGY2)  S. Mark (PGY5)  A. Zaltz
A. Corbey  M. Ornstein/J. Cram  L. Zolis/N. Pairaudeau
Research Committee
S. Lye, Chair
L. Adamson
J. Barrett
T. Brown
I. Caniggia
R. Casper
A. Covens
J. Kingdom

R. Kung
E. Lambe
C. Librach
S. Matthews
K. Murphy
R. Windrim
M. Yudin

Promotions Committee
J. Kingdom, Chair
L. Adamson
T.J. Brown
R. Casper
A. Covens
D. Farine

G. Lefebvre
R. Pittini
B. Rosen
M. Sermer
K. MacRury
R. Windrim

Fellowship Directors Committee
H. Shapiro, Chair
H. Berger
A. Bocking
R. Casper
A. Covens
B. Cruickshank
H. Drutz
D. Hui
S. Kives
R. Kung
G. Lefebvre
C. Librach
D. Lovatsis
C. Maxwell
G. Seaward
A. Ternamian
W. Wolfman
H. Wong
### Hospital Statistics

_July 1, 2011 to June 30, 2012_

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<td><strong>Total deliveries</strong></td>
<td>3,207</td>
<td>6,602</td>
<td>3,735</td>
<td>3,414</td>
<td>NA</td>
<td>5,812</td>
<td>2,981</td>
<td>9,023</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Caesarean section rate</strong></td>
<td>27.4%</td>
<td>34.7%</td>
<td>34.5%</td>
<td>27.2%</td>
<td>NA</td>
<td>29%</td>
<td>32.24%</td>
<td>25.4%</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Total gynaecology procedures (minor and major)</strong></td>
<td>1,545</td>
<td>4,493</td>
<td>2,279</td>
<td>N/A</td>
<td>90</td>
<td>3,095</td>
<td>1,525</td>
<td>10,332</td>
<td>1,197</td>
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<tr>
<td><strong>Clinic visits (excluding private office visits)</strong></td>
<td>46,494</td>
<td>212,952</td>
<td>37,900</td>
<td>16,813</td>
<td>2,501</td>
<td>12,974</td>
<td>2,628</td>
<td>1,478</td>
<td>3,630</td>
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<tr>
<td><strong>Number of obstetrics beds</strong></td>
<td>29</td>
<td>84</td>
<td>68</td>
<td>32</td>
<td>NA</td>
<td>57</td>
<td>26</td>
<td>87</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Number of gynaecology beds</strong></td>
<td>9</td>
<td>28</td>
<td>12</td>
<td>59*</td>
<td>0</td>
<td>44*</td>
<td>16</td>
<td>10</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Shared with other surgical specialties
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 & Queensway Health Centre)
WCH – Women’s College Hospital
NA – Not Available/Applicable

PLEASE NOTE THAT ANY UNIDENTIFIED ABBREVIATIONS IN THIS PUBLICATION CAN BE FOUND AT THE END OF THIS PUBLICATION UNDER COMMON ABBREVIATIONS.
DIVISIONS

Division of Gynaecologic Oncology

Barry Rosen, Division Head

Gynaecologic Oncology continues to work primarily at Sunnybrook Health Sciences Centre (SHSC) and the University Health Network/Princess Margaret Hospital (UHN/PMH), with plans to expand to Credit Valley Hospital. SHSC has now partnered with North York General Hospital to further develop their program. UHN/PMH is collaborating with St Michael’s Hospital, with many patients receiving their initial assessment and treatment at St Mike’s. Dr Allan Covens directs the RCPS-approved fellowship program, the largest in Canada, which has more than 50 graduates since 1985, and attracts many applicants from Canada and abroad.

At PMH, under site group leader, Dr. Stephane Laframboise, the group continues to use synoptic reporting for ovarian cancer OR reports and all colposcopy reporting, helping to create a new comprehensive database for quality care and clinical research. The robotic program at UHN is conducting an Academic Health Sciences Centres-funded prospective study comparing quality of life, hospital stay, and costs in robotic surgery to laparoscopic and open surgical cases for endometrial cancer. Dr Bernardini has recently published a paper evaluating results.

Dr. Rosen continues to travel to Kenya, soon to be followed by Drs. Murphy, Covens and Bernardini, in support of the University of Toronto collaboration with the AMPATH consortium, to develop a gynaecologic oncology program. This includes the first Sub-Saharan Africa fellowship-training program in gynaecologic oncology at Moi University.

Dr Ferguson leads the effort to develop infrastructure enabling the UHN/PMH group to put patients on clinical trials, to biobank, and to collect important clinical data to support research. Her research evaluates novel imaging techniques in endometrial cancer and she leads the PMH survivorship program. Dr Bernardini leads a multicentre study comparing outcomes of open vs minimally invasive surgery for endometrial cancer. Dr Murphy is the clinical lead for the Ontario Cervical Cancer Screening program and she is PI of a study of HPV use in evaluating women treated for cervical dysplasia.

SHSC site group leader, Dr Allan Covens, co-chairs the NCI Taskforce on Cervical Cancer and the Rare Tumour Committee for the Gynecologic Oncology Group. His leadership at NCI/USA recognizes his ongoing academic contributions to gynecologic oncology. Dr Rachel Kupets is developing her health services research and is working towards evaluating preoperative imaging for endometrial cancer.

Dr Jason Dodge, at PMH, continues to excel in teaching, receiving the Chair’s Award for Excellence in CME Teaching. Dr. Lillian Gien, from Sunnybrook, received the very prestigious Young Investigator Award from the Gynecologic Oncology Group (GOG), the first given to a Canadian. We are pleased to welcome Dr Danielle Vicus, who has joined the Division at Sunnybrook Health Sciences Centre.
Division of Maternal-Fetal Medicine

Dan Farine, Division Head

Introduction: The Division of Maternal-Fetal Medicine (MFM) is the largest in Canada, with 25 members, 23 being clinicians or clinician-scientists. This is a very large portion of the 130 MFM sub-specialists in Canada based in 16 universities and several Level II centres. The six affiliated hospitals of the University of Toronto host approximately 24,000 births annually (soon to increase to 33,000 with the creation of the new academy). Statistics Canada has estimated 141,784 births in Ontario and 381,382 in Canada in 2009/10, of which about 87,000 were in our region. Our Division provides tertiary perinatal services for more than 20% of all births in Canada and some quaternary perinatal services (e.g. fetal invasive procedures) for most of Canada. The Division is based in three hospitals (MSH, SHSC and SMH) and all three units are planning recruitments and expansion of some services. Ours is the only Canadian centre to provide all aspects of perinatal medicine to our patients and trainees.

Highlights: Members of the Division published 87 peer-reviewed articles this year, with John Kingdom (n=21) and David Chitayat (n=19) leading (as usual) in publications. In the last five years, our Division has played a prominent role in the two leading scientific meetings of our subspecialty, the SMFM and the SGI. The MFM fellowship program, run by Cindy Maxwell, has 9 fellows, is the largest in Canada, offers all aspects of MFM, and attracts 40-50 applicants yearly.

Activities and Research: Two years ago, the sub-specialty of Maternal-Fetal Medicine further evolved into more specialized groupings:

- Fetal group – Greg Ryan
- Maternal group – Mathew Sermer
- Labour group – Gareth Seaward
- Prenatal screening group – Nan Okun
- Multi-fetal pregnancy group – Jon Barrett

Fetal group – The group has the largest referral center for fetal therapy, serving not only the entire province of Ontario, but most of Canada for several procedures, such as twins’ laser.

Maternal group – The group has probably the largest maternal disease clinics in the country. It has a unique setting in which MFM specialists work collaboratively with five internists whose practices focus on complicated pregnancies.

Labour group – The hospitals affiliated with the University have close to 25,000 annual births (about 1 out of 14 births in Canada!). This allows our trainees to gain experience managing rare complications and pathologies. This also facilitates large clinical trials and studies of uncommon pathology.

Prenatal screening group – Our large obstetrical base and referral base of more than half the pregnancies in the province allow for extensive work and research in this area.

Multiples group – The multiple clinics of this group serve as a template to similar clinics around the country.

The New Division Head: Dr. John Kingdom takes over the role of Division head as of 2012. He is a clinical scientist with an impressive track record in basic and clinical research as well as a wide range of clinical and administrative activities.
Introduction: The Division of Paediatric and Adolescent Gynaecology (PAG) includes Section head Lisa Allen, and staff members Nicolette Caccia, Sari Kives, Ali Nevin, and Rachel Spitzer. Maintaining a diverse practice in common conditions and rare challenges, the Section, including the adolescent pregnancy program, provides over 2500 ambulatory visits annually, and attracts national and international referrals to its surgical complex anomalies program. The first community-affiliated PAG clinic opened this year at North York General Hospital. Led by Dr. Ali Nevin, this clinic allows children and adolescents to receive care closer to home and expands educational opportunities for our trainees.

After contributing for many years to the Section, Dr. Melanie Ornstein left to focus her attention on other aspects of her clinical practice, but remains involved in the reproductive care of young women with developmental delay. The Section welcomed Dr. Anjali Aggarwal, who completed a Paediatric Gynaecology Fellowship at the Hospital for Sick Children in 2009. Her subsequent Masters of Health Science in Bioethics brings complementary expertise to our academic staff. We undertook a new model of disseminated leadership in the fall of 2011, designed to capitalize on individual strengths. Each member took on expanded administrative responsibilities as Dr. Lisa Allen took on a new role as Site Chief of the Department of Obstetrics and Gynaecology at Women’s College Hospital.

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 have joined with the United States to develop and participate in the inaugural North American Pediatric Gynecology Fellowship match. The Hospital for Sick Children hosted the first National PAG Videoconference Rounds, with sites across the country. The rounds presented by Dr. Mark Palmert were well received and CANPAGO, the PAG subspecialty committee of the SOGC, intends to continue these national rounds twice per year.

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 new Ontario representative. Dr. Aggarwal is a member of the Social and Sexual Issues Committee. Both Drs Aggarwal and Spitzer are members of the International Women’s Health Committee of the SOGC. Dr. Allen continues as a member of the subspecialty committee of APOG. Drs. Kives and Allen continue to serve on the Board of NASPAG.

Honours: Dr. Allen received the National Faculty Award from the Council on Resident Education in Obstetrics and Gynecology (CREOG). Dr Kives received the Department Chair’s Award for Excellence in Postgraduate Teaching.

Future Initiatives: The section continues to collaborate with community and affiliated teaching hospitals to expand the network of paediatric and adolescent gynaecology care. Next year we will develop a transitional program jointly with the Gynaecology Department at Women’s College Hospital to provide continuity for young women as they approach the age of 18.
Division of Reproductive Endocrinology and Infertility

*Theodore J. Brown, Division Head*

**Introduction:** The Division of Reproductive Endocrinology and Infertility (REI) is a diverse group engaged in clinical and academic areas of reproductive health. Interests include strategies for improving IVF outcome, but also range from contraception, hormone action and replacement therapy to reproductive cancers, stem cells, mature women’s health, and fertility preservation. Most Division members are associated with full service Assisted Reproduction Technology clinics and collaborate on research and education within and outside the Division.

**Highlights:** Dr. E. Greenblatt directs the Centre for Fertility and Reproductive Health (CFRH) at Mount Sinai Hospital, offering an RCPS-accredited graduate REI fellowship program, currently with three fellows. The CFRH holds weekly academic rounds and is engaged in translational research aimed at finding molecular markers predictive of embryo competence and uterine endometrial receptivity. The centre holds an EMD Serono Grant for Fertility Innovation award.

Dr. R. Casper directs the University-affiliated Toronto Centre for Assisted Reproductive Technology (TCART), affiliated with the University of Toronto. This clinic is committed to cutting edge research in infertility treatments and to the education of foreign REI fellows. Major research projects include determining if dietary supplements of coenzyme Q10 (CoQ10) improve oocyte quality in older women and the use of robotics for intracytoplasmic sperm injection.

Dr. C. Librach directs the Canadian Reproductive Assisted Technology (CreATe) program, affiliated with Sunnybrook Health Sciences Centre. CreATe has a strong research environment in embryology and andrology and is developing assays to objectively assess embryo quality and predict implantation. A CIHR-funded collaboration with Dr. Richard Oko of Queen’s University will study the regulation of the oocyte-activation factor PAWP in sperm and male infertility. Of note, Dr. K. Glass was elected chair of the ASRM Fertility Preservation special interest group.

Drs. C. Laskin and K. Cadesky head the LifeQuest Centre for Reproductive Medicine. As President of the CFAS, Dr Laskin organized the highly successful 2011 annual meeting in Toronto. Investigating the causes and treatment for recurrent miscarriage, the Centre is participating in an international NIH-funded observational study to determine if autoantibodies and other proteins in coagulation are involved in early pregnancy loss. The team recently welcomed Dr. Sony Sierra, whose research interest is in recurrent miscarriage.

An additional clinical highlight is the Mature Women’s Health & Menopause clinic, initiated and headed by Dr. W. Wolfman, and offering a two-year fellowship training program. This clinic includes a unique multidisciplinary premature ovarian failure (POF) clinic.

**Future Initiatives:** Based on the Division’s strong commitment to research and education and specialty training, we have recently developed a novel graduate level course with the Department of Physiology. The course brings together OB/GYN residents and Physiology graduate students to discuss molecular mechanisms underlying reproductive processes with clinical relevance. We hope the course will inspire further integration of clinical and basic science translational research.
Introduction: 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 for the University of Toronto and other national and international universities. Mount Sinai Hospital, with a branch at the Baycrest Geriatric Centre (BCG), offers a three year post graduate fellowship training program with two clinical years of training and one of basic and clinical science research. St. Michael’s Hospital and Sunnybrook Health Sciences Centre offer a two year program.

Faculty members at Mount Sinai are Drs. Harold P. Drutz (MSH and BCG), Danny Lovatsis (MSH/WCH), May Alarab (MSH and BCG), and William Easton (Associate staff, Scarborough Centenary Hospital). Dr. May Alarab heads our basic science research program, with the only Canadian research into the genetics of pelvic organ prolapse (POP). At St. Michael’s Hospital there are two subspecialists in FMPRS (Drs. Dana Soroka and Colleen McDermott, Division Head). Drs. Guylaine Lefebvre, Sari Kives, Abeha Satkunaratnam and Deborah Robertson are subspecialists in minimally invasive surgery (MIS). At Sunnybrook, Drs. Janet Bodley, Rose Kung and Patricia Lee are full time faculty and part of a group of eight MIGS surgeons, including Drs. Kai Lee, Grace Liu, Herb Wong, Jamie Kroft and Mary Melchior at the St. Joseph’s site.

Highlights: Members from each site continue to publish peer-reviewed articles and present in international, national and local settings. At Mount Sinai, Dr. Alarab (PI) and Drs. Drutz and Shynlova (COP) have two department grants and a PSI grant. Dr. Drutz is starting a trial for Cook myosites on the use of autologous myosites to treat stress urinary incontinence. Dr. Lovatsis has an MSH grant for his randomized controlled trial of cystocele plication risks (CPR trial).

At St. Michael’s, Dr. Guylaine Lefebvre received the Enid Johnson MacLeod Award from the Federation of Medical Women of Canada and the Queen’s Diamond Jubilee Medal from the Governor General of Canada. Dr. Janet Bodley, at Sunnybrook, was awarded the Chair’s Award for excellence in postgraduate program development/innovation, and Dr. Rose Kung received the Service Excellence Recognition Award from Sunnybrook. At Mount Sinai, Dr. Lovatsis remains the Chair of the Urogynaecology Sub-Committee for the SOGC and Dr. Alarab received an award for the best new investigator poster presentation at the Society for Gynecologic Investigation.

Future Initiatives: At Sunnybrook, they are using laparoscopic ultrasound to assist in the treatment of fibroids, either with radiofrequency ablation or laparoscopic myomectomy. Their MIS group continues to teach the promotion of laparoscopic hysterectomies across Canada. At Mount Sinai Hospital the Division has moved to new space on the eighth floor of the Ontario Power Generation Building, where we are further developing a Mature Women’s Health Care (MWHC) Program with Dr. Wendy Wolfman and the Menopause Unit. Drs. Wolfman and Drutz are Co-Directors of this program.
PROGRAMS

Undergraduate Medical Education
Filomena Meffe, Director

Introduction: The Undergraduate Medical Education Committee consists of the hospital site Clerkship Coordinators, Student representatives, Resident representatives, Undergraduate Director, Chairman, Departmental Educator and Faculty Educational Advisor. The committee meets approximately once a month to discuss issues and implement or modify educational strategies for the undergraduate curriculum, generate guidelines and policies for the administration of the clerkship, and respond to course evaluations, with the goal of optimizing the educational experiences of our students.

Highlights:
Mississauga Academy: The success of the 2010-11 pilot project involving 8 student clerkship placements in Mississauga led to an expansion of the project to a total of 24 student placements during the 2011-12 academic year. The use of videoconferencing technology was also extended to every rotation, which allowed our undergraduate students in Mississauga to participate in the seminar program. Student feedback regarding their experiences at both the Trillium Health Centre and Credit Valley Hospital has been very positive.

Accreditation: The Committee on Accreditation of Canadian Medical Schools (CACMS) and the Liaison Committee on Medical Education (LCME) accreditation survey visit of the MD program concluded in May 2012. Preparation for this visit over an 18-month period resulted in extensive reflection and self-study by faculty, staff and students regarding all aspects of the program. Complete survey results will be available on the Undergraduate Medical Education, University of Toronto website in the fall of 2012.

Honours: It is always a pleasure to acknowledge our student award winners and to recognize their hard work, dedication and commitment to our specialty. Congratulations to our 2011-12 student award winners!

   Dr. Jacob Goldstein Scholarship: Rachel Vanderlaan
   Hendry Memorial Scholarship: Lynn Sterling
   Dr. Frederick R. Papsin Award: Matthew Orava
   Dr. Sidney M. and Roselyn Tobin Compassionate Scholarship: Phil Zhang

Future Initiatives: In consultation with our colleagues at the Mississauga Academy of Medicine, we formulated a plan to double the number of student placements to a total of 48 and to expand our videoconferencing from 2 weeks to 4 weeks per rotation for the academic year 2012-13. This step-wise implementation plan should prepare our Mississauga teaching sites for the projected total of 54 students who will be entering clerkship in 2013 and who were assigned to the Mississauga campus upon medical school admission. Building capacity and experience in an incremental fashion over time is essential to the successful implementation of an Obstetrics and Gynaecology Clerkship Program in Mississauga for 2013-14. We will also offer Faculty development opportunities with regard to clerkship matters and best practices in teaching.
It is my distinct privilege to serve in the role of Residency Program Director as of March 1, 2012. I would like to extend my thanks to Heather Shapiro for her continuing engagement with the residency program as Vice Chair, Education.

**Highlights:** Thirteen PGY1 residents will join us in July 2012, bringing our total to 60 — the largest Obstetrics and Gynaecology residency program in Canada. We have increased our resident participation at St. Joseph’s Health Centre and Toronto East General with the addition of a Chief Resident rotation, and are planning this same expansion for Credit Valley Hospital. Minimally-invasive surgical approaches are becoming the standard of care for providing surgical treatment for gynaecologic conditions; in order to assist in achieving core competency in endoscopic procedures, a Total Laparoscopic Pig Lab was provided by Covidien Canada in April 2012. This was received with great enthusiasm by residents and teachers alike, and will continue for our PGY3s and 4s, along with an electrocautery session. There are also laparoscopic trainers and computer-based simulation programs at many of the core training sites.

In the past year, in an effort to address the issue of work/life balance and resident wellness, the Department has introduced split on-call shifts. The initial feedback is positive and the added benefit is better continuity of patient care. The split on-call shifts have been in place at St. Michael’s Hospital for the past year and will be starting at Mount Sinai Hospital on July 1, 2012.

**Honours:** Congratulations to our residents: Karthika Devarajan (PGY5): Dr. Frederick R. Papsin Award; Crystal Chan (PGY4): Physicians’ Services Incorporated Foundation Grant, and one of five In-Training Awards for Research from the American Society of Reproductive Medicine; Paulina Cybulskia (PGY3): Kristi Piia CALLUM Memorial Fellowship in Ovarian Cancer Research, and Frank Fletcher Memorial Fund for Research; Helena Frecker (PGY3): Resident Teacher Award from the Fitzgerald Academy; and to our Faculty: Art Zaltz: Neelam Sierra Resident Advocacy Award, and Lisa Allen: CREOG Teaching Award.

**Future Initiatives:** We are planning a revised academic curriculum that will reflect topics considered important by Royal College standards and by the residents. The planned format is to divide the time equally between obstetrical and gynaecologic topics, and to repeat topics on a two-year cycle. The Academic Half Day will be extended to 3 hours and protected time will be extended to include travel time to and from the teaching site. Two hours will be faculty-driven and one hour will be resident-driven, reviewing seminal papers and guidelines. There will be a transition-to-residency course (“Boot Camp”) during the summer. For PGY4s, there will be a new course offered through the School of Graduate Studies, which concentrates on physiology and molecular mechanisms underlying common clinical reproductive disorders.

The Department will be reviewed as part of the Royal College Accreditation process in April, 2013.
Committee Reports

Research Committee
Stephen Lye, Chair

Introduction: The role of the Research Committee is to encourage and foster the highest quality research in the Department of Obstetrics and Gynaecology and facilitate communication of research activities amongst the Department’s divisions and institutions, as well as to assist in the dissemination of our research to the national and international community.

The committee includes both scientists and clinicians active in research and drawn from across the Department, including Lee Adamson, Jon Barrett, Theodore Brown, Isabella Caniggia, Robert Casper, Allan Covens, John Kingdom, Rose Kung, Evelyn Lambe, Clifford Librach, Stephen Lye, Stephen Matthews, Kellie Murphy, Rory Windrim, and Mark Yudin.

Highlights: Members of the Department published over 200 peer-reviewed original research papers, plus 80 additional publications in 2011/2012, and hold funding for approximately 160 research projects.

The Department’s Annual Research Day took place on Friday, May 4, 2012 in the Medical Sciences Building. This event assists us to come together as a Department to encourage trainees and share the wealth of wide-ranging research that is produced here. There were 14 oral and 62 poster presentations by trainees, covering a range of basic and clinical topics. There was also an informative and thought-provoking Henderson Lecture, delivered by Patrick Catalano MD, Professor, Reproductive Biology in the MetroHealth Medical Center/CaseWestern Reserve University. His engaging topic was "Maternal Obesity and Pregnancy: Much Ado about Something."

Please see page 102 for a list of abstracts and details of the day. Research Day continues to be well attended, with approximately 250 trainees, faculty members and staff.

Members of the Research Committee continued to act as research advisors to Residents in the 2011-2012 year in an effort to assist them towards success in research.

Honours: We would like to congratulate the winners of the J.W. Knox Ritchie Research Awards for best abstract/presentation by trainee category. (See page 117) Also, please note all the award winners in the awards section (page 29), of which many are in the area of research.

Future Initiatives: The Committee is always striving to improve Research Day. The Committee has asked Dr Donna Steele, Residency Program Director, to join the Committee in her ex officio capacity and looks forward to improving the assistance to, and experience of, trainees engaging in research.
Continuing Medical Education
Fay Weisberg, Chair

The focus for Continuing Medical Education in the Department has been to invite clinically-relevant, practice-changing speakers for Interhospital Rounds while pursuing a long-term strategy. Working along with the Office of Continuing Education and Professional Development (CEPD) at the University of Toronto, our Department has hosted a large number of highly successful University of Toronto approved courses. Many of these courses are held on an annual basis and are attended by large numbers of multidisciplinary physicians and medical workers.

Interhospital rounds continue to be held on a monthly basis and are successfully webcasted throughout the departments in the Greater Toronto area. This allows us to bring in hospitals that have not formally been involved with interhospital rounds in the past. We are thrilled at the success of using technologies to help disseminate these widely popular rounds.

Many thanks to those who ran our CME courses this year:

Elizabeth Gan, CME Administrative Course Director
David Chitayat
Harold Drutz
Dan Farine
Michèle Farrugia
John Kingdom
Guyalaine Lefebvre
Cindy Maxwell
Deborah Robertson
Greg Ryan
Mathew Sermer
Jackie Thomas
Rory Windrim
Wendy Wolfman
# Department of Obstetrics and Gynaecology CME Courses

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<tr>
<th>Courses</th>
<th>Date</th>
<th>Venue</th>
<th>Medical Course Director</th>
</tr>
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<tr>
<td>7th Annual Everyday Gynaecology</td>
<td>Friday October 28</td>
<td>Ben Sadowski Auditorium</td>
<td>Jackie Thomas</td>
</tr>
<tr>
<td>Pregnancy and Obesity: A Challenge in Women’s Health</td>
<td>Friday November 11</td>
<td>Ben Sadowski Auditorium</td>
<td>Cindy Maxwell</td>
</tr>
<tr>
<td>3rd Medical Disorders in Pregnancy: Critical Care Focus</td>
<td>Friday November 25</td>
<td>Ben Sadowski Auditorium</td>
<td>Mathew Serner Cindy Maxwell</td>
</tr>
<tr>
<td>Women’s Health Symposium</td>
<td>Friday Feb 03</td>
<td>LiKaShing</td>
<td>Deborah Robertson</td>
</tr>
<tr>
<td>15th Annual Women’s Imaging: Advances in Gynaecologic Imaging and First Trimester U/S</td>
<td>February 24 - 26</td>
<td>Marriott – Eaton’s Centre</td>
<td>Greg Ryan Shia Salem Phyllis Gunc Rory Windrim</td>
</tr>
<tr>
<td>8th Annual Mature Women’s Health Care</td>
<td>Friday April 13</td>
<td>Isabel Bader Theatre</td>
<td>Harold Drutz Wendy Wolfman</td>
</tr>
<tr>
<td>10th Annual Refresher in Primary Maternity Care</td>
<td>Friday May 11</td>
<td>Northrop Frye Auditorium</td>
<td>John Kingdom Family Practice</td>
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<tr>
<td>Breastfeeding Current Research and Best Practices</td>
<td>Saturday May 12</td>
<td>Northrop Frye Auditorium</td>
<td>Michele Farrugia</td>
</tr>
<tr>
<td>20th Annual Symposium New Developments in Prenatal Diagnosis &amp; Medical Genetics</td>
<td>Wednesday May 16</td>
<td>JIR MacLeod Auditorium or Sadowski Auditorium</td>
<td>David Chitayat</td>
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# Department of Obstetrics and Gynaecology
## 2011-12 Interhospital Rounds, University of Toronto

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Date</th>
<th>Location</th>
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<tr>
<td><strong>Dr. Suzan Schneeweiss</strong></td>
<td>Fri, Sept 9, 2011</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>The New Royal College Maintenance of Certification Program</td>
<td></td>
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<tr>
<td><strong>Dr. Hans Peter Dietz</strong></td>
<td>Fri, Sept 23, 2011</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>Pelvic Floor Imaging: What's in it for the clinician?</td>
<td></td>
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<tr>
<td><strong>Dr. Laura Magee</strong></td>
<td>Fri, Oct 28, 2011</td>
<td>Mount Sinai Hospital</td>
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<tr>
<td>The Control of Hypertension in Pregnancy</td>
<td></td>
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<tr>
<td><strong>Dr. Carol Townsley</strong></td>
<td>Fri, Nov 18, 2011</td>
<td>St. Michael's Hospital</td>
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<tr>
<td>The PMH &amp; WCH After Cancer Treatment Transition Initiative: ACTT</td>
<td></td>
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<tr>
<td><strong>Dr. Dorothy Shaw</strong></td>
<td>Fri, Dec 2, 2011</td>
<td>The Association of Academic Professionals in Obstetrics &amp; Gynaecology - APOG/Cannell Lecture</td>
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<tr>
<td>APOG/Cannell Lecture</td>
<td></td>
<td>Marriot Hotel, Eaton Centre, 525 Bay Street, Toronto</td>
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<tr>
<td>Competency in Global Women's Health: Training Needs And Opportunities</td>
<td></td>
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<tr>
<td><strong>Dr. Stephen Lye</strong></td>
<td>Fri, Jan 13, 2012</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>Developmental Origins of Health and Disease</td>
<td></td>
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<tr>
<td><strong>Dr. Mary Anne Jamieson</strong></td>
<td>Fri, Feb 3, 2012</td>
<td>Mount Sinai Hospital</td>
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<tr>
<td>Adolescent Menometorrhagia: Lessons from the Women and Bleeding Disorders Clinic</td>
<td></td>
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<tr>
<td><strong>Dr. Malcolm G. Munro</strong></td>
<td>Fri, Mar 2, 2012</td>
<td>St. Michael’s Hospital</td>
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<tr>
<td>Abnormal Uterine Bleeding in the Reproductive Years: The FIGO response to a professional challenge</td>
<td></td>
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<td><strong>Dr. Andrea Jurisicova</strong></td>
<td>Fri, Apr 20, 2012</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>Aging female gametes - what can we do about it?</td>
<td></td>
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<td><strong>Research Day - No Rounds</strong></td>
<td>Fri, May 4, 2012</td>
<td>University of Toronto, JIIR Macleod Auditorium &amp; Stone Lobby, Medical Sciences Building, 1 King's College Circle</td>
</tr>
<tr>
<td><strong>Dr. Kevin Imrie</strong></td>
<td>Fri, Jun 8, 2012</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>Resident Duty Hours: Is Surgery Different?</td>
<td></td>
<td>(changed from St. Michael’s Hospital)</td>
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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 gratefully acknowledge and thank all our partners for their generous commitment and support of our educational activities throughout this and past years.

The 2011 – 2012 Industry Sponsors are:

GOLD LEVEL
  - Bayer Healthcare Pharmaceuticals

SILVER LEVEL
  - Abbott Laboratories Ltd.
  - Merck Canada Inc
  - Hologic Canada Ltd.

We look forward to future collaborations with our Industry Partners that continue to enhance development and growth within the educational programs of the Department.
SIGNIFICANT HONOURS AND AWARDS

DEPARTMENT AWARDS

2011-2012 CHAIR’S AWARDS

Mark Yudin  Excellence in Undergraduate Teaching
Sari Kives  Excellence in Postgraduate Teaching

Resident Wellness Team:
Donna Steele, Janet Bodley,
Michèle Farrugia  Excellence in Postgraduate Program Development/Innovation

Sarah Ferguson  Outstanding Research Potential
Arthur Zaltz  Excellence in Research Facilitation
Jon Barrett  Sustained Excellence in Research
Jason Dodge  Excellence in CME Teaching

Deborah Robertson  Excellence in CME Course Coordination
(Women’s Health Symposium)

Dalip Bhangu  Excellence in Integrated Undergraduate Education
Melanie Ornstein  Excellence in Integrated Postgraduate Education
2012 AWARDS FOR UNDERGRADUATE TEACHING EXCELLENCE

Fred Engle
Johannes Keunen
Grace Liu
Filomena Meffe
Melanie Ornstein
Jeremy Wong
Suzanne Wong

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

MASTER TEACHER AWARDS

Grace Liu
Filomena Meffe
Suzanne Wong

Sunnybrook Health Sciences Centre
St Michael’s Hospital
St Joseph’s Health Centre
Hani Akoury  
Chief and Program Director of Obstetrics and Gynaecology  
St. Joseph’s Health Centre  
July 1, 2011

May Alarab  
One of five members elected to serve on the International Urogynecological Association Scientific Committee.

Award for Best New Investigator Poster Presentation.  
SGI Annual Scientific Meeting, San Diego, California, USA  
March 9, 2012.

Lisa Allen  
CREOG (Council on Resident Education in Obstetrics and Gynecology) National Faculty Award  
Selected by the PGY5 residents for promoting high standards of residency education in the field of Obstetrics and Gynaecology  
2011-2012

Anjali Aggarwal  
Undergraduate Medical Training representative/coordinator for Toronto East General Hospital  
September 7, 2011

Oluleke Badmos  
As Chair of the Obstetrics and Gynaecology Department at Toronto East General Hospital (TEGH), partnered with the TEGH Ophthalmology Department to start the first Amnion banking service in Ontario.

Jennifer Blake  
25 Top Women of Influence Award  
Women of Influence Inc.  
2011

Janet Bodley  
Postgraduate Medical Education Site Director  
Sunnybrook Health Sciences Centre

Adrian Brown  
Master's certificate for completion of the OMA-CMA Physician Leadership Program  
Schulich School of Business  
June 2012.
Theodore J Brown and Ellen Greenblatt
“A minimally-invasive look into the window of implantation: identification of candidate biomarkers of endometrial receptivity by transcriptomic analysis of uterine fluid aspirations” selected by the Scientific Program Committee to receive one of five ASRM “In-Training Awards for Research.” These awards are given in recognition of outstanding research conducted by individuals who are in-training: Crystal Chan. American Society for Reproductive Medicine, Orlando, Florida, USA October 15-19, 2011.

Isabella Caniggia
National Bank Business Excellence Award
Italian Chamber of Commerce
2012

José Carvalho
Gertie Marx Award
Carbetocin vs oxytocin: In vitro human myometrial contractions after oxytocin pre-treatment. Naida Cole, Magda Erik Soussi, José CA Carvalho, John Kingdom and Mrinalini Balki Best paper presented by a Fellow or Resident
44th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology
Monterey, California, USA, May 2-5, 2012


Astrid Christoffersen-Deb
2011 recipient of the inaugural Grand Challenges Canada Rising Stars in Global Health prize for her project, “mHealth for Maternal and Newborn Health: Clinical decision support for community health workers in Western Kenya,” which aims to link women and infants to care through the use of clinical decision support on mobile phones.

David Chitayat
Richard Rowe Award for Clinical Excellence
University of Toronto Department of Pediatrics
2012

Terence Colgan
President’s Meritorious Award for Service to the Society
American Society of Cervical Pathology and Colposcopy
March 2012
Lilian Gien  
Gynecologic Oncology Group (GOG)  
Young Investigator Award  
First Canadian to win this award, to lead a GOG ancillary data project, and be a member of the GOG Cervix Committee (2 year term)  
2012

Ellen Greenblatt and Theodore J Brown  
“A minimally-invasive look into the window of implantation: identification of candidate biomarkers of endometrial receptivity by transcriptomic analysis of uterine fluid aspirations” selected by the Scientific Program Committee to receive one of five ASRM “In-Training Awards for Research.” These awards are given in recognition of outstanding research conducted by individuals who are in-training: Crystal Chan.  
American Society for Reproductive Medicine, Orlando, Florida, USA  
October 15-19, 2011.

Elaine Herer  
Celebrating Excellence in Education  
Sunnybrook Health Sciences Centre  
2011

John Kingdom  
Gertie Marx Award  
Carbetocin vs oxytocin: In vitro human myometrial contractions after oxytocin pre-treatment. Naida Cole, Magda Erik Soussi, José CA Carvalho, John Kingdom and Mrinalini Balki  
Best paper presented by a Fellow or Resident  
44th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology  
Monterey, California, USA, May 2-5, 2012

Andrea Lausman  
Re-appointed Head of Labour and Delivery at St. Michael’s Hospital

Shoo Lee  
Appointed Scientific Director for the CIHR Institute of Human Development, Child and Youth Health (IHDCYH).

Guylaine Lefebvre  
Enid Johnson MacLeod Award  
Federation of Medical Women of Canada  
Awarded annually to a physician or non-physician for promotion of women’s health research and/or women’s health education  
2012

The Queen Elizabeth II Diamond Jubilee Medal  
Governor General of Canada  
In recognition of contributions to women’s health in Canada  
2012

Inaugural Chair of Women's Health jointly held between St. Michael’s Hospital and the University of Toronto  
This Chair will help support work in gynaecologic surgery, innovation and education.
Reappointed Chief of Obstetrics and Gynaecology, St Michael’s Hospital, for a two-year extended term to April 2014.

Chair, Search Committee, Society of Obstetricians and Gynaecologists of Canada

Michelle Letarte
Experiments and Adventures with Endoglin and Immunology!
2011 Cinader Award, Canadian Society of Immunology
The Bernhard Cinader award lectureship is given to a Canadian scientist who exemplifies distinguished scientific leadership and accomplishments in Immunology.

Stephen Matthews
President’s Achievement Award
Society for Gynecologic Investigation
2012

Tara Macleod
2012 Toronto East General Hospital Residents Teaching Award.
Toronto East General Hospital
Presented at the staff and residents’ appreciation dinner
The Estates of Sunnybrook, June 4, 2012.

Colleen McDermott
Head, Division of Pelvic Medicine and Minimally-Invasive Surgery
St Michael’s Hospital, University of Toronto

Filomena Meffe
The Paul McCleary Award
In recognition of the contributions to promotion of education in the Department of Obstetrics and Gynaecology.

Department of Obstetrics & Gynaecology, Faculty of Medicine, St. Michael’s Hospital.
June 2012

K Joan Murphy
SOGC-GOC Presidential Medal
The Society of Gynecologic Oncology of Canada
Presented to individuals who have made especially meritorious contributions to gynecologic oncology.
Conferred June 2011

Steven Narod
Honoris Causa Doctoris
Pomeranian University of Medicine, Poland
2011

Nicholas Pairaudeau
Reappointed Honorary Professor in Beijing Hospital, China, 2011/2012
P Gareth R Seaward
Karen McGibbon Award of Excellence - Seymour Schulich Honorarium
Team Member, Mount Sinai Hospital, Toronto. (Code Omega Team)
April 2012

Fred Zuspan Award, Best Collaborative Paper between Obstetrics & Perinatal Anesthesia
"Carbetocin at elective Cesarean delivery : A dose-finding study - part 2"
Zuresh Anandakrihsnan, Mrinalini Balki, Gareth Seaward, and José CA Carvalho.
44th Annual Meeting of the Society of Obstetric Anesthesia and Perinatology.
May 2012

Heather Shapiro
Inaugural Vice-Chair, Education
University of Toronto Department of Obstetrics and Gynaecology
March 1, 2012

Michael Shier
Member, Alpha Omega Alpha (AOA) Honor Medical Society
AOA is a professional medical organization that recognizes and advocates for excellence in
scholarship and the highest ideals in the profession of medicine

Donna Steele
Residency Program Director
University of Toronto Department of Obstetrics and Gynaecology
March 1, 2012

Melissa Tai
MSc in Clinical Epidemiology, University of Toronto
June 2012

MSc Best Poster Award (Clinical Epidemiology)

Robert Duff Barron Award
Best poster related to Public Health Policy or most closely related academic field
For poster: The cost-effectiveness of prophylactic distal fimbriectomies versus conventional
laparoscopic tubal sterilizations in the prevention of ovarian cancer.
IHPME, Univeristy of Toronto
May 2 2012.

Paul Thistle
Paul Harris Fellow
The Rotary Foundation of Rotary International
In appreciation of tangible and significant assistance given for the furtherance of better
understanding and friendly relations among peoples of the world
July 2011
**Ants Toi**
Fellow of the AIUM (FAIUM)
Nominated by peers and Board of Governors for distinguished service to ultrasound and the AIUM.

Distinguished Reviewer, AIUM, United States
For outstanding reviews submitted to the Journal of Ultrasound in Medicine during 2011

**Wendy Wolfman**
Certified Menopause Clinician
North American Menopause Society, USA
Certification conferred by North American Menopause Society by exam or adequate educational credits.
July 2011 – June 2014

Young Investigator Award for most promising research, one of 3 awarded for trainee Kelsy Mills.
NAMS, Washington, DC, USA, September 2011

NAMS Pfizer Medical Residents and Fellows Reporter Program Award for trainee Rebecca Menzies
NAMS, Washington, DC, USA, September 2011

Young Investigator Award, Internist-Endocrinologist for Menopause Fellow Maria Velazquez.
NAMS, Washington, DC, USA
September, 2011

**Mark Yudin**
Carl Nimrod Educator Award
Association of Academic Professionals in Obstetrics and Gynaecology (APOG) 2011

Fitzgerald Academy Education Award
For postgraduate teaching in the Department of Obstetrics and Gynaecology in 2011-12

Deputy-Head
Department of Ob/Gyn, St Michael’s Hospital

**Arthur Zaltz**
Interim Chief
Department of Obstetrics & Gynaecology
Sunnybrook Health Sciences Centre
January 1, 2012

The Neelam Sierra Resident Advocacy Award
Selected annual by the graduating residents and presented to an individual who has been an exceptional advocate for residents in the Department of Obstetrics and Gynaecology, consistently supporting residents throughout their training
2011-2012
PEER-REVIEWED PUBLICATIONS

Original Research

Adams LA, Marsh JA, Ayonrinde OT, Olynyk JK, Ang WQ, Beilin LJ, Mori T, Palmer LJ, Oddy WW, 


Casper RF. It's time to pay attention to the endometrium. Fertil Steril 2011 Sep;96(3):519-21.


Verma P, Clark CA, Spitzer KA, Laskin CA, Ray J, Koren G. Use of non-aspirin NSAIDs during pregnancy may increase the risk of spontaneous abortion. Evid Based Nurs 2012 Mar 12. [Epub ahead of print]


Invited Papers, Case Reports, Commentaries, Editorials, Reviews and Book Chapters


Bentov Y, Casper RF. Inherited mutation of the luteinizing hormone/choriogonadotropin receptor (LHCGR) in empty follicle syndrome. Faculty of 1000 Medicine – Editorial comment, 2011.


INVITED LECTURES AND VISITING PROFESSORSHIPS

International

Alarab M. Insight into the genetics of pelvic organ prolapse (POP) and factors that promote and degrade extracellular matrix (ECM) ICS, Workshop, Glasgow, UK, August 29, 2011.


Berger H. HAPO increases the number of patients labeled as GDM, but this does not improve pregnancy outcome. Invited Speaker: The 14th World Congress on Controversies in Obstetrics, Gynecology and Infertility Conference, Paris, France, November 18, 2011.


Bocking AD. Preterm birth and the vaginal flora: Is there a Link? Distinguished Speaker. Annual Symposium of Perinatology, Shenzen Maternity and Children’s Hospital, Shenzen, China, November 2011.


Casper RF. Rotating night shifts: working with the dark side of light. American College of Obstetricians and Gynecologists, Detroit, Michigan, USA, September 24, 2011.


Chitayat D. Brain abnormalities in Beckwith-Wiedeman syndrome. The 33rd Fetoscopy Working Group Meeting, Hong Kong, China, September 8-11, 2011.


Chitayat D. Prenatal Diagnosis of micrognathia. The 33rd Fetoscopy Working Group Meeting, Hong Kong, China, September 8-11, 2011.

Chitayat D. Microarray analysis in prenatal diagnosis. The First Chinese Congress of Fetal Medicine, Shanghai, China, September 11, 2011.

Chitayat D. The role of the medical geneticist in prenatal diagnosis. The First Chinese Congress of Fetal Medicine, Shanghai, China, September 11, 2011.

Chitayat D. An approach to the newborn with DSD. Haemek Medical Center, Afula, Israel, December 21, 2011.

Chitayat D. Sex differentiation. Haemek Medical Center, Afula, Israel, December 21, 2011.


Colgan T. Glandular lesions of the cervix. Invited faculty member. 64th Annual Meeting of the California Society of Pathologists, California, USA, December 1, 2011.

Colgan T. Cervical cancer screening and prevention. The role of molecular testing. Invited Work Group Member. ASCCP - ACS - ASCP Consensus Conference, Bethesda, Maryland, USA, November 17, 2011.


Covens A. Time for radical changes to radical hysterectomy. Department of Obstetrics and Gynecology, Northeastern Ohio Universities College of Medicine, Canton, Ohio, USA, 2012.


Farine D. 2012 Apr 2 Invited Speaker. Is Cerebral Palsy in Babies Resulting from ART related to Twinning? Istituto degli Innocenti, Florence, Piazza SS Annunziata, Twins, art and science” - Art Exhibition by David Teplica Official opening of the Exhibition, Florence, Italy. Presenter(s): Farine, Dan


Farine D. Management of premature rupture of membranes before 34 weeks of gestation. 14th Jornada Medica Bienal, Luis Castelazo Ayala Hospital, Mexico City, Mexico. March 15, 2012.


Farine D. Should we use progesterone prophylactically for all pregnancies? The 14th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Paris, France. November 18, 2011.


Farine D. Shoulder Dystocia. 10th World Congress of Perinatal Medicine, Punta del Este, Uruguay, November 8 - 11, 2011.

Farine D. Active mismanagement of labour. 10th World Congress of Perinatal Medicine, Punta del Este, Uruguay. November 8 - 11, 2011.


Farine D. Diagnosis and management of placenta previa. First International Meeting of Perinatal Medicine, Modern Perinatology: Organization, Technologies and Quality. Moscow, Central Federal District, Russian Federation, July 16, 2011.


Kingdom J. Interactions between heparin and the placenta: Preventing pre-eclampsia. The Royal Women’s Hospital, Melbourne, Australia, November 2011.


Kingdom J. Screening for placental dysfunction: Are we there yet? Royal Australian and New Zealand College of Obstetricians and Gynaecologists, Melbourne, Australia, November 2011.


Lee SK. Around the world in 80 days. Perinatal Research Society Annual Meeting, Roanoke, Virginia, USA. September 2011.

Lee SK. EPIQ. SIBEN Annual Conference, Santiago, Chile, October 2011.

Lee SK. EPIQ. Shenzhen Neonatal Conference, Shenzhen, China, October 2011.


Lee SK. Around the world in 80 Days. Resuscitation Conference, Shenzhen, China, June 2012.

Letarte M. Endoglin function in the vascular and immune systems. Program in Translational Cardiology, Faculty of Medicine, University of São Paulo, São Paulo, Brazil, October 10, 2011.
Letarte M. Potential role of endoglin in regulation of inflammation. Department of Immunology, Federal University of São Paulo, São Paulo, Brazil, October 11, 2011.

Letarte M. Immune dysregulation in endoglin heterozygous mice subjected to experimental colitis. Round Table 7, New insights in the biology of B cells. XXXVI Brazilian Congress of Immunology, Foz de Iguaçu-PR, Brazil, October 16, 2011.


McDermott C, Hale D. The ins and outs of laparoscopic abdominal sacrocolpopereineopexy. 41st Annual Meeting of the International Continence Society, Glasgow, Scotland, United Kingdom, August 30, 2011.


Narod S. A model for breast cancer risk based on stem cell theory: Implications for Chemoprevention for BRCA1 and BRCA2 Carriers. Breast Rounds at Massachusetts General Hospital, Boston, Massachusetts, USA, April 17, 2012.

Narod S. A model for breast cancer risk based on stem cell theory: Implications for chemoprevention for BRCA1 and BRCA2 carriers. The Ohio State University Medical Center, Colombus, Ohio, USA, April 9, 2012.


Narod S. Chemoprevention for BRCA1 and BRCA2 carriers. Women’s University Clinic, Vienna, Austria, January 13, 2012.

Narod S. Chemoprevention for BRCA1 and BRCA2 carriers. AMGEN Scientific Advisory Board, San Antonio, Texas, USA, December 6, 2011.


Narod S. Genetic counseling for hereditary cancer - Clinical cases of BRCA1/2. Curso Internacional De Genetica Y Cancer, Santiago, Chile, November 24, 2011.

Narod S. Historical perspective of the BRCA1 and BRCA2 genes. Curso Internacional De Genetica Y Cancer, Santiago, Chile November 23, 2011.

Narod S. Chemoprevention for BRCA1 and BRCA2 carriers. Curso Internacional De Genetica Y Cancer, Santiago, Chile, November 23, 2011.

Narod S. Prevention and treatment of hereditary breast cancer. Beijing Cancer Hospital, Beijing, China, October 10, 2011.

Narod S. Breast and ovarian cancer prevention in women with a BRCA mutation. What is the evidence? St. Vincent Cancer Care, Indianapolis, Indiana, USA, September 17, 2011.

Narod S. Breast and ovarian cancer screening in women with BRCA mutations. St. Vincent Cancer Care, Indianapolis, Indiana, USA, September 17, 2011.


Oza A. Wee-1 inhibitors in ovarian cancer. OncoSummit, Lisbon, Portugal. October 7, 2011.


Pairaudeau N. Safety in the OR. Lecture as Honorary Professor, Beijing Hospital. Beijing Hospital, Beijing, China, March 2012.


Pairaudeau N. Hysteroscopy complications. 8th Affiliate Hospital of Jiansu Medical School, Shanghai, China, December 8, 2011.

Pairaudeau N. Hysterectomy in Canada. 2nd Affiliate Hospital of Nanjing University, Nanjing, China, April 2, 2012.

Sermer M. Debate: C-Section is the Preferred Mode of Delivery for Women with Heart Disease. Antagonist. The 2nd International Congress on Cardiac Problems in Pregnancy, Berlin, Germany, May 2012.

Sermer M. What is the most appropriate peripartum management of women with congenital heart disease? 22nd International Symposium on Adult Congenital Heart Disease, Toronto, Ontario, Canada, May 2012.

Sermer M. Pregnancy and Heart Disease. Panel Member. Scientific Session, 22nd International Symposium on Adult Congenital Heart Disease, Toronto, Ontario, Canada, May 2012.


Stirk L. Cancer of the cervix. By invitation of the Dean, Student Affairs/Lecturer, Royal Institute of Health Sciences, Thimpu, Bhutan, April 2012.

Stirk L. Infertility treatment. Royal Institute of Health Sciences, By invitation of the Dean, Student Affairs/Lecturer, Thimpu, Bhutan, April 2012.

Ternamian A. Faculty at the Gynaecological Endoscopic and Reproductive Medicine Course, University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, June 7-10, 2012.


Thomas G. The big picture down under: Concurrent Chemo-Radiation: Where are we now? COSA Meeting, Perth, Australia, November 2011.

Thomas G. The true cost of running trials for CCTGs: An international perspective on cooperative trials groups. The Complicated Pelvis Meeting, Annual Scientific Meeting of the Clinical Oncological Society of Australia (COSA) Meeting, Perth, Australia, November 18-19, 2011.


Thomas G. Are we missing the boat? Peter MacCallum Cancer Centre, Melbourne, Australia, 2011.


Toi A. Borderline findings in fetal CNS: Diagnosing abnormality in a normal appearing brain. ISUOG, Los Angeles, California, USA, September 18, 2011.

National

Adamson SL. Advancing preeclampsia research by integrating biobanks, databanks, mice and humans. Department of Obstetrics and Gynecology, McGill University, Montreal, Quebec. April 5, 2012.

Adamson SL. Advancing preeclampsia research by integrating biobanks, databanks, mice and humans. Faculty of Veterinary Medicine, University of Montreal, Saint-Hyacinthe, Quebec, April 4, 2012.


Bocking AD. Do academic institutions have a social responsibility? Distinguished Speaker. 37th Annual R.T. Weaver Scientific Day, McMaster University, Hamilton, Ontario, Nov 9, 2011.


Bodley J. Role Modeling: “Monkey See, Monkey Do!” Canadian Association for Medical Education Webinar Development and Leader: Understanding the Importance of Intentional Role Modeling. October 2011.

Brown TJ. Ovulation and predisposition to epithelial ovarian cancer. Invited Lecturer. Queen’s University, Department of Biomedical and Molecular Sciences, Kingston, Ontario, January 20, 2012.

Casper RF. Can we rejuvenate old eggs? Royal Victoria Hospital, MUHC Reproductive Center Journal Club & Case Review, Montreal, Quebec, March 16, 2012.

Casper RF. Shift work: The dark side of light. Royal Victoria Hospital, Department of Ob/Gyn Grand Rounds, Montreal, Quebec, March 15, 2012.


Casper RF. Canadian usage and experience of umbilical cord banking, SOGC, CME Meeting, Toronto, Ontario, December 1, 2011.


Covens A. Evidence-based laparoscopic surgery. Gynecologic Cancer: Universal access to minimal invasive surgery. Division of Gynecologic Oncology, McGill University Montreal, Quebec.


Lee SK. Quality improvement. CCHCSP Annual Symposium, Ottawa, Ontario, October 2011.

Lee SK. Around the world in 80 days. CAPHC Annual Conference, Ottawa, Ontario, October 2011.

Lee SK. IHDCYH address. CIHR Mental Health Forum, Winnipeg, Manitoba, February 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Halifax, Nova Scotia, April 2012.

Lee SK. IHDCYH address. CHU Sainte-Justine Symposium, Sainte-Adele, Quebec, May 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Montreal, Quebec, May 2012.


Lee SK. IHDCYH address. CIHR IHDCYH Forum, Calgary, Alberta, May 2012.

Lee SK. CCHCSP Address. 2012 CCHCSP Symposium, Calgary, Alberta, June 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Quebec City, Quebec, May 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Ottawa, Ontario, May 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Edmonton, Alberta, June 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Winnipeg, Manitoba, June 2012.


Narod S. Treatment of hereditary breast cancer: Report from Poland. 4th International Symposium on Hereditary Breast and Ovarian Cancer, Montreal, Quebec, Canada, April 26, 2012.

Narod S. MRI versus Mastectomy. 4th International Symposium on Hereditary Breast and Ovarian Cancer, Montreal, Quebec, Canada, April 25, 2012.


Shaw D, Spitzer, RF. Global Reproductive Health Education. APOG, Toronto, Ontario, December 3, 2011.


Toi A. Prostate ultrasound and biopsy. CAR 75th Annual Scientific Meeting, Montreal, Quebec, April 26, 2012.


Local


Alarab M. Anal sphincter skills/workshops.PGY1 Resident teaching. Surgical Skills Centre, Mount Sinai Hospital, Toronto, Ontario, September 7, 2011.


Berger H. Screening for GDM - the Controversy. Invited Speaker. Mount Sinai Hospital, Department of Obstetrics and Gynaecology Medical Complication Rounds, Toronto, Ontario, October 6, 2011.


Bernstein P. How to avoid Caesarean section in the second stage. Invited Speaker. Mount Sinai Hospital/University of Toronto Department of Obstetrics and Gynaecology, Toronto, Ontario, Canada. May 11, 2012.


Brown TJ. Human research ethics. Lecturer. Graduate Student Orientation, Department of Physiology, University of Toronto, Toronto, Ontario, September 14, 2011.

Brown TJ. Introductory principles of experimental design and statistics. Lecturer. Graduate Student Orientation, Department of Physiology, University of Toronto, Toronto, Ontario, September 7, 2011.


Casper RF. Can we rejuvenate old eggs? Hospital for Sick Children, Genetic Rounds, Toronto, Ontario, February 2012.

Chitayat D. Current Topics in Medical Genetics – Approach to dysmorphology. Training Program in Medical Genetics, University of Toronto/Hospital for Sick Children, Toronto, Ontario, July 31, 2011.

Chitayat D. Current topics in Medical Genetics – Prenatal genetics. Introductory Course Series. Training Program in Medical Genetics, University of Toronto/Hospital for Sick Children, Toronto, Ontario, August 4, 2011.


Chitayat D. Concepts in Clinical Genetics – Dysmorphology. MSc Program in Genetic Counselling, Hospital for Sick Children, Toronto, Ontario, September 30, 2011.
Chitayat D. Sex determination and approach to the child with ambiguous genitalia. Training Program in Medical Genetics, University of Toronto/Hospital for Sick Children, Toronto, Ontario, October 3, 2011.

Chitayat D. Concepts in Clinical Genetics – Dysmorphology II. MSc Program in Genetic Counselling, Hospital for Sick Children, Toronto, Ontario, October 6, 2011.


Chitayat D. Microarray analysis in the pre and postnatal setting. Department of Pediatrics, Toronto East General Hospital, Toronto, Ontario, October 27, 2011.

Chitayat D. Concepts in Clinical Genetics - Sex determination and approach to the child with ambiguous genitalia. MSc Program in Genetic Counselling, Hospital for Sick Children, Toronto, Ontario, November 9, 2011.


Chitayat D. Genetics of cardiac abnormalities. Neonatal-Perinatal Fellowship Training Program, SickKids Hospital, Toronto, Ontario, November 30, 2011.

Chitayat D. Multifactorial inheritance. MSc Program in Genetic Counselling, Hospital for Sick Children, Toronto, Ontario, January 12, 2012.

Chitayat D. Current topics in Medical Genetics - Ambiguous genitalia. Training in Medical Genetics, University of Toronto/Hospital for Sick Children, Toronto, Ontario, March 1, 2012.


Chitayat D. Concepts in Clinical Genetics - Genetic disorders. MSc Program in Genetic Counselling, Hospital for Sick Children, Toronto, Ontario, April 26, 2012.

Chitayat D. Genetic syndromes and congenital heart disease. Fetal Teaching Session, Division of Cardiology, Hospital for Sick Children, Toronto, Ontario, June 14, 2012.


Keunen J. Severe preeclampsia. Medical Disorders in Pregnancy, Focus on Critical Care. Mount Sinai Hospital, University of Toronto, Toronto, Ontario, November 25, 2011.


Kingdom J. 2012 May First trimester dating (Hot Topics # 1). 10th Annual Refresher in Primary Maternity Care, Continuing Medical Education Seminars, Mount Sinai Hospital, Toronto, Ontario, Canada.

Kingdom J, Forte M, Goldman D. Reducing your own second stage C-section rate (Workshop). 10th Annual Refresher in Primary Maternity Care, Continuing Medical Education Seminars, Mount Sinai Hospital, Toronto, May 2012.

Kingdom J. The case for placental health testing in nulliparous women. Grand Rounds, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, January 2012.

Kingdom J. All these new tests for fetal wellbeing (Doppler, PAPPA, etc.). 8th Annual Obstetrical Malpractice: A Survival Guide for 2012, Continuing Medical Education Seminars, Mount Sinai Hospital, Toronto, Ontario, January 2012.


Kingdom J. Obstetrics & Gynaecology in Toronto - Is it for You? Panel Discussion. Information Session re Residency Program, Department of Obstetrics and Gynaecology, University of Toronto, Residency Program, Women’s College Hospital, Toronto, Ontario, November 14, 2011.


Lee SK. Around the world in 80 days. CANN Annual Conference, Toronto, Ontario, February 2012.


Letarte M. Ode to Endoglin. Department of Immunology, University of Toronto, Toronto, Ontario, October 31, 2011.


McDermott C. Dealing with urinary incontinence: What can we offer patients? Grand Rounds to the Department of Family and Community Medicine, St. Michael’s Hospital Department of Family & Community Medicine, Toronto, Ontario, November 17, 2011.

McDermott C. Gynecology order sets. St. Michael’s Hospital Nursing Education Day, St. Michael’s Hospital, Toronto, Ontario, November 8, 2011.

McDermott C. The ins and outs of laparoscopic sacral colpopereineopexy. Urogynaecology Division Rounds, Mount Sinai Hospital, Toronto, Ontario, September 21, 2011.

McDermott C. Female pelvic medicine and reconstructive surgery – An American perspective. University of Toronto Division of Urogynaecology & Pelvic Floor Disorders Retreat, Toronto, Ontario, October 21, 2011.


Meffe F. Making a big impact in small group teaching. Stepping Stones Program, Centre for Faculty Development, University of Toronto, November 29, 2011.

Meffe F. Clerkship Matter: Why we need to know about TRES. Faculty Development Half Day, Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, October 26, 2011.

Murphy K. Acute fatty liver disease in pregnancy. The Scarborough Hospital, Toronto, Ontario, November 2011.


Murphy K, Martin M-J. Increasing awareness and streamlining research within the Department of Obstetrics and Gynaecology- Where are we and where are we going? Mount Sinai Hospital, Toronto, Ontario, February 17, 2012.


Murphy K. Neuroprotection of the preterm infant: MgSO4, Celestone and Delayed Cord Clamping. Mount Sinai Hospital, Toronto, Ontario, January 16, 2012.


Narod S. WCH School of Nursing Alumnae, Toronto, Ontario, May 7, 2012.

Narod S. Genetic testing in the Jewish population: Are we doing enough? Genetic Grand Rounds, Mount Sinai Hospital, Toronto, Ontario, April 12, 2012.


Rogers IM. Bone marrow transplantation and umbilical cord blood. ISIS Fertility Clinic, Mississauga, Ontario, September 7, 2011.

Rogers IM. Umbilical cord derived stem cells to treat generalized tissue damage: Direct and indirect mechanisms. Summer of Science Series on Regenerative Radiation Medicine, Toronto, Ontario, August 4, 2011.


Seaward PGR When should a high risk obstetrician be consulted. Ornge Transport Physicians, Mississauga, Ontario, November 29, 2011.


Shapiro H. Women’s health and conflict. Dr. Izzeld Abuelaish, Toronto, Ontario, November 14, 2011.


Steinberg W. Menopause hormone therapy. Family Practice Rounds, Mississauga, Ontario, September 22, 2011.

Steinberg W. Medical catastrophe: Is there a price to pay? Grand Rounds. St. Michael's Hospital, Toronto, Ontario, October 14, 2011.

Steinberg W. Women’s Health Update. Medcan Clinical Update, Collingwood, Ontario, October 22-23, 2011.


Toi A. Fetal CNS ultrasound. Mount Sinai Hospital Obstetrical Fellows lecture series, Toronto, Ontario, April 20, 2012.


Venkatarangam N. Third trimester bleeding. The Scarborough Hospital, Toronto, Ontario, October 2011.

Wilcock G. HPV. Presentation to Family Doctors, Toronto, Ontario, September 2011.

Wilcock G. HPV. Presentation to Family Doctors, Toronto, Ontario, November 2011.

Wilcock G. HPV. Presentation to Family Doctors, Toronto, Ontario, December 2011.

Windrim R. Abnormal labour Part II, SMS Seminars, University of Toronto & Mount Sinai Hospital, July 28, 2011.

Windrim R. Fetal medicine. Fetal Medicine Orientation for MFM, 1 year Fellows, Mount Sinai Hospital, Toronto, Ontario, July 29, 2011.

Windrim R. Prenatal diagnosis Talk to the Neonatal and Perinatal Fellows, Sunnybrook Health Sciences Centre, Toronto, Ontario, October 26, 2011.

Windrim R. Abnormal Labour and Emergencies, Part II. SMS Seminars, University of Toronto & Mount Sinai Hospital, Toronto, Ontario, January 31, 2012.


Wolfman W. HRT: The pedulum is swinging. Mature women’s health care. Mount Sinai Hospital, Department of Obstetrics and Gynaecology, University of Toronto. Toronto, Ontario, April 13, 2012.


Wong S. Teaching in the operating room. Workshop for Faculty Development Day, Credit Valley/Trillium Hospital, Toronto, Ontario, June 2, 2012.

Wong S. A picture is worth a thousand words: Using GYN US to enhance the diagnosis and management of GYN pathology. Grand Rounds St Joseph’s Heath Centre, Toronto, Ontario, April 10, 2012.

Wu V. Presentation at Annual Perinatal Morbidity and Mortality Grand Round Royal Victoria Hospital, Barrie, Ontario, 2011.

Yudin M. Common vulvar complaints: Everything you wanted to know but were afraid to ask. Workshop, St. Michael’s Hospital Annual Women’s Health Symposium. St. Michael’s Hospital and University of Toronto Department of Obstetrics and Gynaecology. Toronto, Ontario, February 3, 2012.


ORAL AND POSTER PRESENTATIONS

National and International Meetings


Ardelean D, Jerkic M, Peter M, Letarte M. Anti-VEGF decreases inflammation and pathological angiogenesis in a mouse model of chronic inflammation. CAPRI Annual Meeting 2011, Quebec City, Quebec, Canada, October 26-29, 2011.


Barlin JN, Dao F, Bou Zgheib N, Ferguson SE, Sabbatini P, Hensley ML, Konner J, Tew W, Aghajanian C, Chi DS. Progression-free and overall survival of a modified outpatient regimen of primary intravenous/intraperitoneal paclitaxel and intraperitoneal cisplatin is comparable to results from GOG 172. Society of Gynecologic Oncology, Austin, Texas, USA, March 2012.


**Caccia N**, Lynch B, VanWagner V. Refinement and expansion of a curriculum to teach management of obstetric lacerations and suturing skills. APOG AGM, Toronto, Ontario, Canada, December 2011.


**Caccia N**, VanWagner V. A curriculum to teach management of obstetric lacerations and suturing skills. Poster. Canadian Conference on Medical Education, Banff, Alberta, Canada, April 2012.

Caprara D, **Shah R**, MacGillivray J, Urquia M, **Yudin MH**. Demographic and management trends among HIV-positive pregnant women over ten years at a Canadian urban hospital. Canadian Conference on HIV/AIDS Research (CAHR), Annual Clinical Meeting, Montreal, Quebec, Canada, April 19-22, 2012.


Claessens A, Blanco Mejia S, Maroleanu M, Ryan EAJ. The role of androgen supplementation in the improvement of IVF success rates in older women. 15th World Congress of Gynecological Endocrinology, Firenze, Italy, March 7-10, 2012.


Dalvi PS, Erbiceanu FS, Irwin DM, Belsham DD. Proglucagon gene expression is regulated by insulin, leptin and cAMP in mouse embryonic and adult hypothalamic neuronal cells. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.


Feigenberg T, Virtanen C, Letarte M, Clarke B; Brown T, Rosen B, Murphy KJ. Pathways associated with differential accumulation of ascites in high grade serous ovarian cancer: A search for targeted therapy to control ascites. 6th Canadian Conference on Ovarian Cancer Research, Quebec City, Quebec, Canada, May 28, 2012.


Friedman ZB, Kim GL, Xu S, Belsham DD. Characterization of hypothalamic kisspeptin cell models: control of the Kiss-1 system by sex steroids. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.


Gojska N, Belsham DD. Central mechanisms for the direct inhibitory effects of gonadotropin-inhibitory hormone (GnIH) on gonadotropin-releasing hormone (GnRH) using novel hypothalamic cell models. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.

Gojska N, Belsham DD. Central mechanisms for the direct inhibitory effects of gonadotropin-inhibitory hormone (GnIH) on gonadotropin-releasing hormone (GnRH) using novel hypothalamic cell models. 94th Annual Meeting of the Endocrine Society, Houston, Texas, USA, June, 2012.

Gojska N, Gingerich S, Belsham DD. Characterization of hypothalamic gonadotropin-inhibitory hormone cell models to define the hormonal regulation and direct signaling effects in hypothalamic neurons. 14th CDA/CSEM Professional Conference and Annual Meetings, Toronto, Ontario, Canada, October, 2011.


Greco J, Wellhauser L, Belsham DD. The direct effects of palmitate and omega-3 fatty acids on the molecular circadian clock in immortalized, clonal hypothalamic neuron. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.

Greco J, Wellhauser L, Belsham DD. The direct effects of palmitate and omega-3 fatty acids on the molecular circadian clock in immortalized, clonal hypothalamic neuron. 94th Annual Meeting of the Endocrine Society, Houston, Texas, USA, June, 2012.


Iqbal S, De Souza LR, Yudin MH. Attitudes and expectations of Canadian women in labour towards point of care HIV testing on the labour and delivery unit. Canadian Conference on HIV/AIDS Research (CAHR), Annual Clinical Meeting, Montreal, Quebec, Canada, April 19-22, 2012.

Iqbal S, De Souza LR, Yudin MH. Attitudes and expectations of Canadian women in labour towards point of care HIV testing on the labour and delivery unit. Society of Obstetricians and Gynaecologists of Canada (SOGC) 68th Annual Meeting, Ottawa, Ontario, Canada, June 20-24, 2012.


Kosick RJE, Reid G, Kim SO, Li W, Challis JRG, Bocking AD. Effect of lactobacillus rhamnosus GR-1 supernatant on cytokine and chemokine output from human amnion cells treated with lipoteichoic acid and lipopolysaccharide. Society for Gynaecological Investigation, San Diego, California, USA, March 2012.


Kufaishi H, Shynlova O, Drutz H, Lye S, Alarab A. LOX, TIMP and MMP enzyme expression in vaginal tissue of women with and with out pelvic organ prolapse. SGI Annual Scientific Meeting, San Diego, California, USA, March 9, 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, San Diego, California, USA, March 21-24, 2012.

Li M, Whiteley J, Chua SJ, Chow T, Rogers IM. In vitro whole organ development with 3-D matrices from decellularized kidneys. Stem Cell Network's 11th Annual Scientific Meeting, Montreal Quebec, April 30 - May 2, 2012.

Li W, Yang SW, Kim SO, Reid G, Challis JRG, Bocking AD. Effect of lactobacillus rhamnosus GR-1 (GR-1) on Lipopolysaccharide (LPS)-induced cytokine production profiles from human term decidual cells. Society for Gynaecological Investigation, San Diego, California, USA, March 2012.

Malowany JI, Parsoei A, Bernardini MQ, Fyles A, Rouzbahman M. MELF pattern of myoinvasion in endometrioid endometrial adenocarcinoma is associated with low-grade tumors, deep myometrial invasion and a low proliferative index. USCAP - United States and Canadian Academy of Pathology, Vancouver, British Columbia, Canada, March 17, 2012.

McDermott C. Sacral colpopexy versus total vaginal mesh in obese patients. Poster. 32nd Annual Scientific Meeting, American Urogynecology Society, Providence, Rhode Island, USA, September 14, 2011.


Menchella J, Nazarians-Armavil A, Belsham DD. Analysis of potential candidate compounds that may alleviate cellular insulin resistance in immortalized rHypoE-19 hypothalamic neurons. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.


Mills K, Velasco M, Wolfman W. Menopausal symptoms by age and therapy type, premature Ovarian Failure. SOGC, Vancouver, British Columbia, June 20, 2011.


Mwangi WW, M'imunya JM, Kiari J, Kinuthia J, Kudoyi W, Spitzer RF, Mabeya H, Mukoko D, Mutai K, Jepchirchir J. Utility of an Algorithm of Surrogate Markers for CD4 Count to Determine Eligibility for HAART Among HIV Infected Pregnant Women. IDSA Annual Meeting, Boston, Massachusetts, USA, October 23, 2011.


Nazarians-Armavil A, Belsham DD. Effects of insulin resistance on hypothalamic leptin modulation of hypothalamic neurons. 40th Annual Keystone Symposia Meeting on Molecular and Cellular Biology: Genetic and Molecular Basis of Obesity and Body Weight Regulation, Santa Fe, New Mexico, USA, January 2012.


O’Brien K, Bracht M, Donnell KM, Lee SK. Engaging families in the development and study of a model of family integrated care in the NICU. 5th International Conference of the Institute for Patient- and Family-Centered Care (IPFCC), Washington, DC, USA, June 4-6, 2012.


Porat S, Amsalem H, Shah PS, Murphy K. Transabdominal aminoinfusion in preterm premature rupture of membranes: A systematic review and a metaanalysis. 32nd Annual Meeting Society for Maternal-Fetal Medicine, Dallas, Texas, USA, February 6-11, 2012.


Wellhauser L, **Belsham DD**. Fatty acid sensing through GPR120 in hypothalamic neuronal cell lines. 40th Annual Keystone Symposium on Molecular and Cellular Biology: Genetic and Molecular Basis of Obesity and Body Weight Regulation, Santa Fe, New Mexico, USA, January 2012.

Wellhauser L, **Belsham DD**. Fatty acid sensing through GPR120 in hypothalamic neuronal cell lines. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.


29th Annual RESEARCH DAY

FRIDAY, MAY 4, 2012
JJR Macleod Auditorium & Stone Lobby
Medical Sciences Building, University of Toronto
1 King's College Circle, M5S 1A8
8:00 a.m. – 6:30 p.m.

HENDERSON LECTURE: 4:30 p.m. – 5:30 p.m.
Patrick Catalano MD
Maternal Obesity and Pregnancy: Much Ado about Something

WINE & CHEESE RECEPTION: 5:30 – 6:30 P.M.
Research Day, May 4, 2012

The Department of Obstetrics & Gynaecology 29th Annual Research Day took place on Friday, May 4, 2012. There were 14 oral and 62 poster excellent presentations by trainees from the Department, covering both basic and clinical work. There was also an informative and thought-provoking Henderson Lecture, delivered by Patrick Catalano MD, Professor, Reproductive Biology in the MetroHealth Medical Center/CaseWestern Reserve University. His engaging topic was “Maternal Obesity and Pregnancy: Much Ado about Something.”
Oral Presentations

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

O1 The Effect of High AMH and High Antral Follicle Count on IVF Success and Pregnancy Rate in Young Egg Donors

Shir Dar [F](1,2), Stephanie A. Grover (1), Clifford L. Librach (1, 2, 3).
(1) CReATe Fertility Centre, (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital, (3) Department of Obstetrics & Gynaecology, University of Toronto.

O2 Radiologic Imaging Patterns of Gynecologic Patients: Does Physician Specialty Matter?

Gennady Miroshnichenko [F](1), Rachel Kupets(2), Lawrence Paszat(3).
(1) Division of Gynaecologic Oncology, Department of Obstetrics and Gynaecology, University of Toronto; (2) Division of Gynaecologic Oncology, Sunnybrook Health Sciences Centre, University of Toronto; (3) Institute for Clinical Evaluative Sciences, Sunnybrook Health Sciences Centre, University of Toronto.

O3 Radical Vaginal Trachelectomy- Fertility Outcomes and Significance of the Lower Uterine Segment Presence in the Superior Margin of the Pathologic Specimen.

Gennady Miroshnichenko [F](1), Allan Covens(2), John Snelgrove [R](3), Nadia Ismil(4), Sharon Nofech-Mozes(4), Valerie Dube(4), Mahmoud Khalifa(4), Ghorab Zeina(4)
(1) Division of Gynaecologic Oncology, Department of Obstetrics and Gynaecology, University of Toronto; (2) Division of Gynaecologic Oncology, Sunnybrook Health Sciences Centre, University of Toronto; (3) Department of Obstetrics and Gynaecology, University of Toronto; (4) Department of Anatomical Pathology, Sunnybrook Health Sciences Centre, University of Toronto.

O4 Prenatal Diagnosis and Clinical Outcomes in Pregnancies Complicated by Breus’ Mole

Abdulmohsen Alanjari [F](1), Sarah Keating (2), Greg Ryan (1), JCP Kingdom (1).
(1) Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Department of Pathology, Mount Sinai Hospital

O5 LOX, TIMP, MMP and ADAMTS2 Enzymes Expression in Vaginal Tissue of Premenopausal Women with and without Pelvic Organ Prolapse

Hala Kufaishi [G](1,4), Oksana Shynlova (1), Harold Drutz(2,4), Stephen Lye(1,2,3), May Alarab(1,4)(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Obstetrics & Gynaecology; (3) Physiology and (4) Urogynaecology, Mount Sinai Hospital, University of Toronto.
O6 Reduced Coq10 Gene Expression in Cumulus Cells with Aging

Assaf Ben-Meir [F](1,2), Yaakov Bentov(1,2), Navid Esfandiari(2), Andrea Jurisicova(1,3), Robert F Casper(1,2,3)

(1)Research, Samuel Lunenfeld Research institute (SLRI); (2)Reproductive Endocrinology, Toronto Centre for Advanced Reproductive Techniques (TCART), (3)Obstetrics & Gynaecology, University of Toronto.

O7 Risk of Preeclampsia in HIV-Positive Pregnant Women Receiving HAART: A Matched Cohort Study

Talar Boyajian [M](1), Kellie Murphy(2)

(1)Faculty of Medicine, University of Toronto, (2) Mount Sinai Hospital, University of Toronto.

O8 Brief Family History Questionnaire for Identification of Lynch Syndrome in Women with Newly Diagnosed Endometrial Cancer

Lua Eiriksson [G](1), Melyssa Arison(2), Blaise Clarke(3), Golnessa Mojtahedi(4), Aaron Pollett(5), Steve Gallinger(6), Amit Oza(7), Christine Massey(8), Marcus Bernardini(4), Helen MacKay(7), Sarah E. Ferguson(4)

(1)University of Toronto, Obstetrics & Gynaecology, Division of Gynecologic Oncology, (2)Mount Sinai Hospital, University of Toronto, Zane Cohen Centre for Digestive Diseases, (3)Toronto General Hospital, Department of Pathology, (4)Princess Margaret Hospital, Division of Gynaecologic Oncology, (5)Mount Sinai Hospital, University of Toronto, Pathology, (6)Toronto General Hospital, University of Toronto, Surgical Oncology, (7)Princess Margaret Hospital, Medical Oncology, (8)Princess Margaret Hospital, Biostatistics

O9 Effect of Lactobacillus rhamnosus GR-1 (GR-1) on Cytokines and Chemokines in Maternal Plasma, Amniotic Fluid and Intra-uterine Tissues of Pregnant CD-1 Mice.

Siwen Yang [G](1), Wei Li(1), John RG Challis(1), Sung O Kim(2), Gregor Reid(2), Alan D Bocking(1)

(1) Departments of Obstetrics and Gynaecology and Physiology, University of Toronto. (2) Department of Microbiology and Immunology, University of Western Ontario.

O10 Multidrug Resistance in the Developing Blood-Brain-Barrier (BBB): Interactions between Cytokines and Glucocorticoids (GCs)

Majid Iqbal [G](1), Hay Lam Ho(1), Melanie C Audette(1), Sophie Petropoulos(1), William Gibb(2), Stephen G Matthews(1).

(1)Physiology, Obstetrics & Gynaecology, and Medicine, University of Toronto, and (2)Obstetrics & Gynecology, and Cellular & Molecular Medicine, University of Ottawa.

O11 Trends in Menstrual Concerns and Suppression in Adolescents with Cognitive and Physical Challenges

Yolanda Kirkham [F], Lisa Allen, Sari Kives, Nicolette Caccia, Rachel Spitzer, Anjali Aggarwal, Melanie Ornstein.

Section of Pediatric and Adolescent Gynaecology, Hospital for Sick Children, University of Toronto
O12 Interleukin-1β (IL-1β)-Stimulated Inflammatory Gene Expression in Fallopian Tube Epithelial Cells is Reversed by Glucocorticoids
Stéphanie Backman [R](1), Alexandra Kollara(1), Carl Virtanen(2), Theodore J Brown(1). (1)Department of Obstetrics and Gynaecology, University of Toronto, (2)OCI Microarray Centre, Toronto.

O13 Effect of VEGF Overexpression by Concepti on Maternal VEGF in Mice
Abhijeet Minhas [G](1), Shannon Bainbridge(2), Dawei Qu(1), Hoon-Ki Sung(1), Andras Nagy(1,3), S Lee Adamson(1,2,4)
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (2) Interdisciplinary School of Health Sciences, University of Ottawa; (3) Department of Molecular Genetics, University of Toronto and (4) Department of Obstetrics & Gynaecology, University of Toronto.

O14 The Safety of Methimazole and Propylthiouracil Use in Pregnancy
Rinat Hackmon [F](1,2), Monica Blichowski[G](3), Dan Farine(1), Gideon Koren(2)(1 Maternal-Fetal-Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Clinical Pharmacology and Toxicology Division, Hospital for Sick Children; (3) University of Toronto.

Poster Presentations

P-A1 VEPH1 Inhibits Canonical TGF-β Signalling in Ovarian Cancer Cells by Impeding Nuclear Accumulation of SMAD2.
Premalatha Shathasivam [G](1,2,3), A. Kollara(1,3), C. Virtanen(5), J. Wrana(1,4), and T. J. Brown(1,2,3).
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; and Departments of (2) Physiology, (3) Obstetrics and Gynaecology, and (4) Molecular Genetics, University of Toronto; (5) OCI Genomics Centre, Toronto, Ontario.

P-A2 Pathways Associated with Differential Accumulation of Ascites in High Grade Serous Ovarian Cancer: A Search for Targeted Therapy to Control Ascites.
Tomer Feigenberg [F], Carl Virtanen, Michelle Letarte, Marcus Bernardini, Blaise Clarke, Theodore J Brown, Barry Rosen, and K Joan Murphy. Department of Obstetrics and Gynaecology, University Health Network (UHN) and Mount Sinai Hospital; Hospital for Sick Children and Department of Immunology, University of Toronto; Department of Pathology, UHN, and the Ontario Cancer Institute Genomics Centre (OCIG), Toronto, Ontario.

P-A3 Modulation of Androgen Receptor (AR) signaling by Ventricular Zone-expressed PH Domain-Containing Protein Homolog 1 (Veph1) in Ovarian Cancer Cells.
Alexandra Kollara [O](1,2), Premalatha Shathasivam (1,2,3), 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-A4  Impact of BRCA1/2 Mutation Status on Inflammatory Signalling by Fallopian Tube Epithelial Cells in Culture in Response to Follicular Fluid Exposure – Work-in-Progress.  
Angela Lau [G](1-3), Terry Colgan (2), Lisa Allen (2), Michèle Farrugia (2), Elyse Levinsky (2), Jodi Shapiro (2), Ellen M. Greenblatt (1,2), K. Joan Murphy (2, 4), Barry Rosen (2,4), Theodore J. Brown (1-3).  
(1) Samuel Lunenfeld Institute, Mount Sinai Hospital, (2) Department of Obstetrics and Gynaecology, Mount Sinai Hospital (3) Department of Physiology, University of Toronto (4) Department of Gynaecologic Oncology, Princess Margaret Hospital

P-A5  Sentinel Lymph Node Biopsy in Vulvar Cancer: A Health Technology Assessment for the Canadian Health Care Context  
Clare Reade [F](1), Waldo Jimenez (2), Daria O’Reilly (3), Al Covens (4).  
(1) University of Toronto Gynaecologic Oncology Fellowship Program, McMaster University Health Research Methodology Program, (2) Gynecologic Oncology, Juravinski Cancer Centre, (3) PATH Research Institute, Department of Clinical Epidemiology & Biostatistics, McMaster University, (4) Gynecologic Oncology, Odette Cancer Centre

P-A6  Effects of Veph1 on FoxO-regulated SOD2 in Epithelial Ovarian Cancer Cells in Response to Oxidative Stress  
Thomasina Spybey [G](1,2,3), Premalatha Shathasivam (1,2,3), Alexandra Kollara (1,2), Theodore 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-B1  Transforming Growth Factor-β1 Regulates Multidrug Resistance at the Developing Blood-Brain Barrier  
Stephanie Baello [G](1), M Iqbal(1), W Gibb (2), SG Matthews(1).  
(1)Physiology, Obstetrics & Gynaecology, and Medicine, University of Toronto, and (2)Obstetrics & Gynecology, and Cellular & Molecular Medicine, University of Ottawa.

P-B2  Capillary Rarefaction, a Phenomenon that Antedates Essential Hypertension Is Not Present in Low Birth Infants at Birth  
Rohan D’Souza [F](1), Rajendra Raghuraman(2), Preetha Nathan(3), Isaac Manyonda(3), Tarek Antonios(2)  
(1) Maternal-Fetal Medicine Division, Department of Obstetrics &Gynaecology, Mount Sinai Hospital, Toronto, (2) Clinical and Developmental Sciences, St. George’s University of London, UK (3) Department of Cardiac and Vascular Sciences, St. George’s University of London, UK
Decidual Neutrophils: A Novel Angiogenic Population in the 2nd Trimester.
Caroline E Dunk [O](1), H Amsalem(2), M Kwan(3), RL Jones(5), SJ Lye(1,2,4)
(1)Research Centre for Women’s and Infants Health, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto. (2)Department of Obstetrics and Gynecology, Hadassah-Hebrew University Medical Centers, Mount Scopus, Jerusalem, Israel, (3)Departments of Physiology and (4)Obstetrics and Gynaecology, Faculty of Medicine, University of Toronto, (5)Maternal and Fetal Health Research Centre, St Mary’s Hospital, The University of Manchester, Manchester, UK

Activation of PPAR-g and HO-1 via Rosiglitazone in BeWo cells Recapitulates the in vivo Molecular Pathway
Khrystyna Levytska [G](1,2), Sascha Drewlo(1,4), Dora Baczyk(1), John Kingdom(1,3,4)
(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) Maternal-Fetal Medicine Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital; (4) Department of Obstetrics and Gynaecology, University of Toronto.

GSK3β reduces Mcl-1 Phosphorylation in Preeclamptic Placentae
Jayonta Bhattacharjee [PD](1), Isabella Caniggia (1, 2, 3). (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Departments of Obstetrics and Gynaecology, (3) Department of Physiology, University of Toronto.

Soluble VEGFR-1 (sFlt-1) and Hypoxia Decrease VEGFR-2 Expression in the Human Placenta
Dennis K Lee [O](1), Isabella Caniggia(2) and Ori Nevo(1).
(1) OB/GYN, Sunnybrook Health Sciences Centre and (2) OB/GYN Mount Sinai Hospital, University of Toronto.

Dual Specificity Phosphatase 9 (DUSP9) Regulation in Severe Early Onset Pre-eclampsia and in a Placental Villous Explant Model
Marie J Czikk [F](1), Sascha Drewlo(2), Dora Baczyk (2), S. Lee Adamson (1,2), John CP Kingdom (1,2).
(1) Department of Obstetrics and Gynaecology, Faculty of Medicine, University of Toronto,
(2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Canada.

Developing an in vitro Model of Kidney Differentiation as a Tool to Help Us Understand Kidney Developmental Defects
Manpreet Sambi [G](1,2), Theresa Chow (1,2), Jennifer Whiteley (1), Ian Rogers (1,2,3)
(1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2)Department of Physiology, University of Toronto, (3)Department of Obstetrics and Gynaecology, University of Toronto
P-C3 Pro-Inflammatory Cytokines and Chemokines Induced by Mechanical Stretch of Myometrial Cells Promote Neutrophil Infiltration by Enhanced Adhesion and Transendothelial Migration
Yu-Hui Lee [G](1,3), Oksana Shynlova (3), Stephen J. Lye (1,2,3)
(1) Departments of Physiology and (2) Ob/Gyn, University of Toronto, (3) Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

P-C4 Characterization of In Vitro P-gp Transport in Human Placental Tissue Culture
Mohsen Javam [G](1), Melanie Audette(1), William Gibb(4), Stephen G. Matthews(1,2,3).
(1) Department of Physiology, (2) Obstetrics and Gynaecology and (3) Medicine, Faculty of Medicine, University of Toronto, (4) Obstetrics & Gynaecology, and Cellular & Molecular Medicine, University of Ottawa.

P-C5 First Trimester Uterine Natural Killer Cells Migrate in Response to Secreted Cytokines in Trophoblast-Conditioned Media
Melissa Kwan [G](1,2), Caroline Dunk(2), Rebecca Jones(3), Sarah Keating(4), Stephen Lye (1,2,5).
(1) Department of Physiology, University of Toronto, (2) Research Centre for Women’s and Infants’ Health, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Maternal & Fetal Health Research Centre, University of Manchester, United Kingdom, (4) Department of Pathology, Mount Sinai Hospital, (5) Department of Ob/Gyn, University of Toronto

P-C6 Glucose Sensing in mHypoA-GnRH/GFP Immortalized Hypothalamic Neurons
Sean A McFadden [G](1), Jennifer A Chalmers(1), Janet J Jang(1) Maria-Luisa Centeno(1), Denise D Belsham(1,2)
Departments of (1) Physiology, (2) OB/Gyn and Medicine, Faculty of Medicine, University of Toronto, and University Health Network.

P-D1 The Prevalence of Reproductive Tract Infections (RTI) in Adolescents at Presentation to Colposcopy
Helena Frecker[R](1), Sari Kives(2), Mark Yudin(2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Obstetrics and Gynaecology, St. Michael’s Hospital

P-D2 Effect of EMR Implementation on Patient and Staff Satisfaction, and Chart Completeness in a Resource-Limited Ante-Natal Clinic in Kenya
Alice Gray [M](1), Christie Henshaw(1), Julie Wright(1), Jessica Leah(1), Rachel F. Spitzer(1), Elkanah Omenge(2), Benjamin Chemwolo(2). (1) University of Toronto Department of Obstetrics and Gynaecology (2) Moi Teaching and Referral Hospital and Moi University School of Medicine Department of Reproductive Health, Eldoret, Kenya.

P-D3 Maternal Experiences with Breastfeeding: A Comparison Between Women Who are Exclusively Breastfeeding and those Who are Formula-Feeding at Six Weeks
Kristin Harris [M](1), Leanne DeSouza (2), Mark Yudin (2).
(1) Department of Medicine, University of Toronto, (2) Department of Obstetrics & Gynaecology, St. Michael’s Hospital
P-D4  A Survey of Postgraduate Training in Indigenous Women’s Health in Obstetrics and Gynaecology
Naana Afua Jumah [R](1), Rajiv Shah(1), Don Wilson(2).
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2)
Department of Obstetrics and Gynecology, University of British Columbia,
Vancouver, BC.

P-D5  Canadian Women’s Attitudes toward Noninvasive Prenatal Testing of Fetal DNA in Maternal Plasma
Lara Hasan (2), Leanne R De Souza [G](2) Gerald Lebovic(2), Howard Berger(2)
(1) Case Western Reserve University; (2) Women’s Health, St. Michael’s Hospital,
University of Toronto

P-E1  Evaluation of Sperm Aneuploidy in Patients with Severe Oligozoospermia
Siamak Bashar [O](1); Naazish Alladin(1); Hanna Balakier(1); Clifford L.
Librach(1,2,3); Sergey I. Moskovtsev(1, 3)
(1)CReATe Fertility Centre; (2) Division of Reproductive Endocrinology and
Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences
Centre and Women’s College Hospital; (3) Department of Obstetrics & Gynaecology,
University of Toronto.

P-E2  Correlation of Telomere Length and DNA Damage in Human Spermatozoa
Pamela L. Chan [G](1); Sergey I. Moskovtsev(1, 2); Shlomit Kenigsberg(1);
Naazish Alladin(1); 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 & Gynaecology, Sunnybrook Health Sciences Centre and
Women’s College Hospital.

P-E3  Neural Potential of First Trimester Human Umbilical Cord Perivascular Stem Cells
Anouk-Martine Teichert [O](1), Shlomit Kenigsberg(1), Leila Magdhen(1), Ashley
Ramelloo(1), Schreiber Pereira(1), Clifford L. Librach(1)(2).
(1) CReATe Fertility Centre (2) Department of Obstetrics & Gynaecology,
Sunnybrook Health Sciences Centre, Women’s College Hospital, and the University
of Toronto.

P-E4  The Impact of Vitamin D Status on Implantation and Clinical Pregnancy Rates Following In Vitro Fertilization
Kimberley Garbedian [F](1,2), Miranda Boggild(2), Joel Moody(3), Kimberley
Liu(1,2)
(1)Reproductive Endocrinology and Infertility Division, Department of Obstetrics &
Gynaecology, Mount Sinai Hospital, (2)University of Toronto (3)Prosserman Centre
for Health Research, Samuel Lunenfeld Research Institute, Mount Sinai Hospital
P-E5  Improved Survival of Umbilical Cord Derived Donor Cells in Bone Marrow Transplantation due to Trogocytosis
Theresa Chow [G](1,2), Jennifer Whiteley(1), Ian Rogers(1,2,3)
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Department of Physiology, University of Toronto, (3) Department of Obstetrics and Gynaecology, University of Toronto

P-E6  3D Image Analysis of Chromatin Structure of Motile and Immotile Sperm Populations
Naazish Alladin [O](1,2); Ayub Lulat(1); Sergey I. Moskovtsev(1,3); Clifford L. Librach(1,3,4).
(1) CReATe Fertility Center; (2) Department of Biomedical Sciences, Eastern Virginia Medical School; (3) Department of Obstetrics & Gynaecology, University of Toronto; (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital.

P-F1  Outcome of Laparoscopic Two-Team Sling, Tension Free Transvaginal Tape (TVP) and Trans obturator Tape (TOT) for Women with Recurrent Stress Urinary Incontinence: A Retrospective Cohort Study.
Seham Hassonah [F], Sebastian Medel, May Alarab, Harold Drutz
Urogynaecology Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University of Toronto.

P-F2  Same-Day Discharge versus Overnight Stay after Laparoscopic Hysterectomy: A Prospective Assessment of Patient Safety and Patient Satisfaction [Research-in-Progress]
Alice Pham [F], Rose C Kung, Herb Wong, Grace Y Liu, Jamie Kroft, Janet Bodley, Patricia E Lee
Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre

P-F3  Maternal and Fetal Outcomes in Canadian Women after Bariatric Surgery (Work-in-Progress)
Leslie Po [R](1), Kellie Murphy (1), Cynthia Maxwell (1)
(1) Maternal Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto

P-F4  Female Genital Tract Graft-vs-Host Disease: A Current Retrospective Patient Review.
Adrienne LK Li [R](1), Wendy Wolfman(1)
(1) Department of Obstetrics & Gynaecology, Mount Sinai Hospital

P-F5  Identification of Factors that Influence Full Disclosure during a Gynaecology Appointment
Stuart L Douglas [M](1), Leanne R De Souza(2), Mark HYudin(2)
(1) Faculty of Medicine, University of Toronto, (2) Women’s Health, St. Michael’s Hospital, University of Toronto
P-G1  Vitrification of Human Spermatozoa without Permeable Cryoprotectants
Valeriy Kuznyetsov[O](1); Sergey I. Moskovtsev (1, 2); Ayub Lulat (1); Sergey Spiridonov (1); Michael Crowe (1); Clifford L. Librach (1, 2, 3)
(1) CReATe Fertility Centre; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital.

P-G2  WIThDRAWN

Kaajal Abrol [F], Heather Shapiro
(1) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Centre for Fertility and Reproductive Health, Mount Sinai Hospital

P-G4  First Trimester Human Umbilical Cord Perivascular Cells (Fthuc-Pvcs) Can Differentiate towards the Hepatic Lineage Using a Two-Step Induction and Maturation Approach
Leila Maghen(1), Seok-Ho Hong [O](1), Ashley Rammeloo(1), Andrée Gauthier-Fisher (1), Clifford L. Librach(1,2,3)
(1) CReATe Fertility Center, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Division of Reproductive Endocrinology and Infertility, Departments of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital.

P-G5  Pilot Study: A Comparison of Ovarian Reserve in BRCA Positive Women Versus Age-Matched BRCA Negative Controls
Ariadne Daniel [F](1), Christine Elser(2), Ellen Greenblatt(1)
(1) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Center for Fertility and Reproductive Health, Mount Sinai Hospital
(2) Department of Oncology, University Health Network

P-G6  Assessment of Global Methylation of Human Sperm
Anouk-Martine Teichert(1), Shlomit Kenigsberg [O](1), Anna Kop(2), Apurva Shirodkar(2), Naazish Alladin(1), Sergey Moskovtsev(1)(3), Philip A. Marsden(2), Clifford L. Librach(1)(3).
(1) CReATe Fertility Centre (2) Departments of Medicine, University of Toronto and Medical Research St. Michael’s Hospital (3) Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre, Women’s College Hospital, and the University of Toronto.
**P-H1**  
SSEA-4 Expression Marks a Highly Proliferative and Multipotent Subpopulation of First Trimester Human Umbilical Cord-Derived Perivascular Stem Cells  
*Leila Maghen [O](1), Seok-Ho Hong(1), Noah Schwartz(1), Clifford L. Librach(1,2,3)*  
(1) CReATe Fertility Center, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and the Women’s College Hospital

**P-H2**  
NLRP5 Regulates Autophagy in Preimplantation Embryos. (Work-in-Progress)  
*Taline Naranian [G](1,2), AlaPerumalsamy(1), Russanthy Velummailum(1), Tong ZhiBin(3), Igor Jurisica(4), Lawrence Nelson(3) and Andrea Jurisicova(1,2).*  
(1) Samuel Lunenfeld Research Institute, Obstetrics and Gynaecology, Mount Sinai Hospital (2) Department of Physiology, Mount Sinai Hospital, University of Toronto, (3) Developmental Endocrinology Branch, National Institutes of Child Health and Human Development, National Institutes of Health, (4) Ontario Cancer Institute, Princess Margaret Hospital.

**P-H3**  
Real-Time PCR Array-Based Gene Expression Profiling of Human Umbilical Cord-Derived Perivascular Cells.  
*Ashley Rammeloo [O](1), Shlomit Kenigsberg(1), Seok-Ho Hong(1), Leila Maghen(1), Anouk-Martine Teichert(1), Andree Gauthier-Fisher(1), and Clifford L. Librach(1,2,3)*  
(1) CReATe Fertility Center, (2) Department of Obstetrics and Gynaecology, University of Toronto (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital.

**P-H4**  
Role of Bim in Oocyte Survival  
*Sarah Cao [UG](1), Shakib Omari (1,3), Andrea Jurisicova (1,2,3).*  
(1) Department of Physiology Maternal-Fetal Medicine Division, (2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto, (3) SLRI Mount Sinai Hospital.

**P-H5**  
Central Mechanisms for the Direct Inhibitory Effects of Gonadotropin-Inhibitory Hormone (GnIH) on Gonadotropin-Releasing Hormone (GnRH) using Novel Hypothalamic Cell Models  
*Nicole Gojska [G](1) and Denise D. Belsham(1, 2).*  
(1) Departments of Physiology, University of Toronto, (2) Obstetrics and Gynaecology, and Medicine, University of Toronto; Division of Cellular and Molecular Biology, Toronto General Hospital Research Institute, University Health Network
P-H6  Utilizing Two Different Extraction Methodologies to Determine a Correlation Between Sperm DNA Damage and Sperm Protein Profile.
Jonathan Zicherman[O](1); Shlomit Kenigsberg(1); Nina Replete(1); Naazish Alladin(1); Ashley Rammeloo(1); Sergey I. Moskovtsev(1,2); 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 &

P-I1  Effects of Prenatal Synthetic Glucocorticoid Exposure on Hypothalamo-Pituitary-Adrenal (HPA) Function in Juvenile Offspring
Paul Blakeley [G](1), Vasilis Moisiadis(1), Stephen Matthews(1-3)
(1)Department of Physiology, Faculty of Medicine, University of Toronto,
(2)Department of Obstetrics and Gynaecology, Faculty of Medicine, University of
Toronto, (3)Department of Medicine, Faculty of Medicine, University of Toronto

P-I2  Umbilical Cord Diameter Percentile Curves and their Correlation to Birth Weight and Placental Pathology
Leslie K Proctor [M](1,2), Brendan Fitzgerald(1), Wendy L Whittle(2), Navid Mokhtari(1), Ellen Lee(1), Geoffrey Machin(1,3), John CP Kingdom(2,3), Sarah J Keating(1,3).
Departments of (1) Pathology and Laboratory Medicine and (2) Obstetrics and Gynaecology (Division of Maternal-Fetal Medicine), Mount Sinai Hospital, (3) University of Toronto

P-I3  Number and Activation Status of Uterine Natural Killer Cells Suggest a Novel Role in the Second Trimester of Pregnancy
Jianhong Zhang [PD](1), Caroline E Dunk(1), Stephen J Lye(1,2,3)
(1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Department of Physiology, University of Toronto, (3)Department of Obstetrics and Gynaecology, University of Toronto.

P-I4  Antenatal Dexamethasone Exposure in Mice Does Not Affect Levels of SNAT Proteins in the Placental Microvillous Membrane
Melanie C Audette [G](1), Majid Iqbal (1), John RG Challis (1-4), Rebecca L Jones (4), Colin P Sibley (4), Stephen G Matthews (1-3).
Departments of (1)Physiology, (2)Obs/Gyn and (3)Medicine, University of Toronto, (4)Maternal and Fetal Heath Research Centre, School of Biomedicine, University of Manchester, UK.

P-I5  Transabdominal Amnioinfusion in Premature Preterm Rupture of Membranes: A Systematic Review and a Meta-Analysis
Shay Porat [F](1),Hagai Amsalem(1), Kellie E. Murphy(1), Prakesh S Shah(2)
(1)Department of Obstetrics & Gynaecology and (2)Department of Neonatology, Mount Sinai Hospital, University of Toronto.
P-I6  Anti-Mullerian Hormone as a Marker of Fertility in IVF and IUI Therapy: A Pilot Study.
Marjorie Dixon [F](1), Timothy Evangelista [O](2).
(1) Division of Reproductive Endocrinology & Infertility, Department of Obstetrics
and Gynaecology, University of Toronto, (2) University of Guelph-Humber

P-J1  A Review of Laparoscopic Sacrocolpopexy: Surgical Outcomes, Complications
and Failures
Katherine Lo [F], Patricia Lee
Urogynaecology Division, Department of Obstetrics and Gynaecology, Sunnybrook
Health Sciences Centre

P-J2  Attitudes and Expectations of Canadian Women in Labour towards Point of Care
HIV Testing on The Labour and Delivery Unit
Salikah Iqbal [R](1), Leanne De Souza(2), Mark Yudin(2)
(1) University of Toronto, (2) St Michael’s Hospital, Obstetrics, Gynaecology and
Reproductive Infectious Disease

P-J3  Cervico-Vaginal Inflammatory Changes in IUCD Users: A Pilot Study
Priya Sharma [R](1), Rupert Kaul (2), Mark Yudin(3)
(1) Department of Obstetrics & Gynaecology, University of Toronto (2)
Departments of Medicine and Immunology, University of Toronto (3) Department
of Obstetrics and Gynaecology, St. Michael’s Hospital

P-J4  Prevalence of Unidentified/Subclinical Hypothyroidism in Two Urban Prenatal
Populations: Can Predisposing Maternal Risk Factors be Identified?
Kathy Truong [O](1), Megan McDonnell[O](2), Heather Edwards (3), Christine
Derzko (4).
(1) University of Calgary, Faculty of Medicine, (2) The Commonwealth Medical
College, Scranton, Pennsylvania, (3) Department of Obstetrics & Gynaecology,
University of Calgary, (4) Department of Obstetrics & Gynaecology, St. Michael’s
Hospital, University of Toronto

P-J5  Outcomes from a Radical Hysterectomy Training Program in a Low Resource
Setting in Africa.
Samantha Young[M](1), Peter Itsura(2), Hellen Muliro(2), Brendan Charles(3),
Astrid Christoffersen-Deb(1), Rachel Spitzer(4), Barry Rosen(3), Elkanah
Omenge Orango(2).
(1) University of Toronto (2) Department of Reproductive Health, Moi Teaching and
Referral Hospital, Moi University (3) Gynaecology-Oncology, Princess Margaret
Hospital (4) Department of Obstetrics and Gynaecology, Mount Sinai Hospital,
University of Toronto
P-J6 Power, Passenger, Passage…and Physician?: Changing Obstetrical Practice as a Determinant of the C-Section Rate at a Toronto Community Hospital  
(1) Undergraduate Medical Education, Faculty of Medicine, University of Toronto,  
(2) Family Birthing Centre, Toronto East General Hospital, (3) Maternal Fetal Medicine, Mount Sinai Hospital.

P-K1 Effects Of Placental VEGFA Deficiency on Pregnancy in Mice  
*Han Li* [G](1), *Dawei Qu* (1), *Hoon-Ki Sung* (1), *Andras Nagy*(1,4), *S Lee Adamson*(1,2,3), (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Depts of (2) Physiology, (3) Obstetrics & Gynaecology, and (4) Molecular Genetics, University of Toronto.

(1) Department of Obstetrics & Gynaecology, University of Toronto (2) Department of Laboratory Medicine & Biochemistry, St. Michael’s Hospital (3) Maternal Fetal Medicine, Department of Obstetrics & Gynaecology, St. Michael’s Hospital

P-K3 Altered Mechanisms of Acid Sphingomyelinase Regulation and Processing in Preeclampsia  
*Megan Melland-Smith* [G](1,2,3), *Martin Post*(4), *Isabella Canigga*(1,2,3)  
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Departments of (2) Obstetrics and Gynaecology and (3) Physiology, (4) Hospital for Sick Children, University of Toronto.

P-K4 Transgenerational Effects of Antenatal Synthetic Glucocorticoid Treatment on Learning and Memory  
*Vasilis Moisiadis* [G](1), *Alisa Kostaki*(1), *Jeff Emack*(1), *Stephen G. Matthews*(1,2,3). (1) Departments of Physiology, (2) Obstetrics and Gynaecology and (3) Medicine, Faculty of Medicine, University of Toronto.

P-K5 Kick-Starting Action: Canadian Women’s Understanding of Fetal Movement Guidelines  
*Susan Pakenham* [R](1), *Andrea Copeland*(2) and *Dan Farine*(3).  
(1) Department of Obstetrics and Gynaecology, University of Toronto; (2) Faculty of Science, Queen’s University; (3) Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University of Toronto

P-K6 The PPAR-γ agonist Rosiglitazone Reverses sFLT1 Hyper-secretion from First Trimester Placental Villi in a GCM1-Dependent Manner  
*Sascha Drewlo* [PD](1), *Fergus McCarthy*(2), *Khrystyna Levytska*(1), *Louise Kenny*, PhD(2), *John Kingdom*(1). (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) University College Cork, Anu Research Centre, Ireland.
Research Day Awards

The 2012 JW Knox Ritchie Research Awards for best abstract/presentation by trainee category were awarded to the following winners:


Post-Doctoral Fellow: Sascha Drewlo (Supervisor: John Kingdom) The PPAR- agonist Rosiglitazone Reverses sFLT1 Hyper-secretion from First Trimester Placental Villi in a GCM1-Dependent Manner. Sascha Drewlo, Fergus McCarthy, Khrystyna Levytska, Louise Kenny, John Kingdom.

Resident: Stéphanie Backman (Supervisor: Theodore J Brown) Interleukin-1β (IL-1β)- Stimulated Inflammatory Gene Expression in Fallopian Tube Epithelial Cells is reversed by Glucocorticoids. Stéphanie Backman, Alexandra Kollara, Carl Virtanen, Theodore J Brown.

Graduate Student: Theresa Chow (Supervisor: Ian Rogers) Improved Survival of Umbilical Cord Derived Donor Cells in Bone Marrow Transplantation due to Trogocytosis. Theresa Chow, Jennifer Whiteley, Ian Rogers.

Student: Sarah Cao (Supervisor: Andrea Jurisicova) Role of Bim in Oocyte Survival. Sarah Cao, Shakib Omari, Andrea Jurisicova.

The Frederick R Papsin Award for postgraduate resident in final year of training, based on teaching ability, mentorship activities and leadership, as chosen by peers, was awarded to Karthika Devarajan.
RESEARCH GRANTS AND INVESTIGATIONS

PI=Principal Investigator; CI=Co-Investigator


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 (PI). Expression of modulators of collagen and elastin remodeling in vaginal wall of postmenopausal women with severe pelvic organ prolapse. University of Toronto Faculty of Medicine, Dean’s Fund, New Staff Grant, $10,000, March 1, 2009 – 2014.

Alarab M (PI). Expression of Procollagen N Proteinase in the Vaginal Tissue of Women with and without Pelvic Organ Prolapse. Mount Sinai Hospital Research Fund, $10 000, July 2011.


Berger H. Abdominal visceral fat measured in early pregnancy and the risk of gestational diabetes mellitus. Canadian Institutes of Health Research, $100,000, July 2011 - June 2012.


Bocking AD (Project Co-ordinator), Caloia D, Spitzer RF. Emergency Obstetrical Training (EmÖC) in Western Kenya. Developmental Partnerships in Higher Education (DelPHE), British Council, UK, £30,000 per annum, September 1, 2009 – August 31, 2012.

Bocking AD, (Principal Investigator); Challis JR, Reid G (Co-Investigators). Role of lactobacilli in maternal and perinatal health. Canadian Institutes of Health Research, $530,000 total; $106,600 per annum, April 2007 – March 2012.


Brown TJ (PI), Ringuette M, Winegarden N. Androgen modulation of TGFβ signaling in ovarian cancer cells. CIHR Operating Grant, $598,000, 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, $435,884, October 2010 – September 2013.
Caniggia I (PI), Jurisicova A, Post M (Co-Investigators). The role of Bcl-2 family members in regulating placental cell fate. Canadian Institutes of Health Research Operating Grant, $757,050 total, $152,134 per annum, 2008 – 2013.

Caniggia I (PI), Post M, Zamudio S (CIs). The role of oxygen in regulating placental development. Canadian Institutes of Health Research Operating Grant, $787,490 total, $156,000 per annum, 2008 – 2013.

Caniggia I (PI), Bhattacharjee J. The role of Mcl-1 in regulating placental cell fate. CIHR HOPE-Scholarship, Operating Grant, $112,000, 2011 – 2015.


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

Casper RF (PI), Wolfman W (CI). Aromatase inhibitors added to low dose hormone replacement therapy to reduce mammographic breast density in postmenopausal women. Canadian Breast Cancer Foundation, $450,000 total, $147,763 per annum, September 2009 – August 2012.

Church P, Lee S, et al. Academic challenges for the preterm infant: educator’s knowledge, attitudes and identified barriers to providing aid to this population. PSI, $61,000, 2011 – 2012.


Diamandis E (PI), Bernardini MQ. An integrated systems biology approach for ovarian cancer biomarker discovery. NIH Sub-Award # 1U01CA152755-01, $42,000, September 2010 – August 2011.


**Dong, X** (PI), Plymate S. Alternative RNA splicing of the androgen receptor gene in prostate cancer. NCI PNW Prostate Cancer SPORE. $50,000 US. Pilot Operating Grant. January – August 2011.

Dupre J (Principal Investigator), Dosch H-M, Lawson ML, Orbine E, Fraser WD, **Sermer M** (Principal Investigator, Canada). Trial to reduce Insulin Dependent Diabetes Mellitus (IDDM) in the genetically at risk (TRIGR). National Institutes of Health, Canadian Institutes of Health Research, $4,260,000, 2002 – 2012.


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


Haider M (PI), Sweet J, Toi A, O’Malley M, Trachtenberg J (CIs). The utility of functional and morphologic MRI in the detection of prostate cancer for patients with elevated PSA and prior negative biopsy. Princess Margaret Hospital Foundation, Grant, $30,000, April 2001 – present.


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, $734,532 total, $161,125 per annum, 2009 – 2013.

Jurisicova A. Canada Research Chair. CIHR, $175,000, July 1, 2008 – June 30, 2013.


Jurisicova A (PI), Casper RF (CI). Role of Pdss2 in oocyte aging. Canadian Institutes of Health Research, Catalyst Grant - Pilot Projects in Aging, $50,000, March 2011 – February 2012.


**Kingdom J** (PI). Screening for placental health in nulliparous women. AFP-UHN/Mount Sinai. $193,000, July 2010 – June 2013.


**Kives S**. Randomized controlled trial of continuous oral contraceptives vs. cyclical oral contraceptives in adolescents. Physicians’ Services Inc. Foundation, $75,000, 2005 – present.


**Lee SK**. The Women’s Auxiliary Chair in Neonatology. The Hospital for Sick Children, $350,000, 2009 – 2013.

**Lee SK**. Maternal Infant Care (MiCare) Research. Ontario Ministry of Health & Long Term Care, $15,000,000, 2009 – 2013.


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.


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


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, $85,891, 2009 – 2012.


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, $50,000, 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, $1,745,340, September 2010 – August 2015.


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.


**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. $160,000 (4years/$40,000 per year for Rogers), 2010 – 2014.

**Rosen B (PI)**. Canadian synoptic operative note reporting in Canada. Canadian Partners Against Cancer. Grant, $702,000 total, $234,000 annually, 2008 – 2011.


Sellers TA (PI), **Narod S** (Co-Applicant). Haplotype-based genome screen for ovarian cancer loci. National Institutes of Health (USA), 5R01CA114343-05. $60,000, March 2007 – March 2012.

**Sermer M** (CI). The early natural history of cardiovascular disease at 4 years postpartum in young women with varying degrees of glucose intolerance in pregnancy. Heart and Stroke Foundation of Canada, $100,000, 2009 – 2012.


Spitzer RF (PI), Evaluation of a Postabortal Care Training Program in Western Kenya. Mount Sinai Hospital, $5,000, July 2011 – June 2012.


Theriault B (PI), Gallie B (Supervisor), Bernardini M (Collaborator). Expression profiling of the novel cancer gene KIF14 in ovarian cancer. DOD-CDMRP, US Department of Defence Congressionally Directed Medical Research Program, Grant # OC080083, $100,000 per annum, March 2009 – March 2012.


Whittle W, Baud D. The role of new chlamydia-like bacteria in the endometrium of patients with previous adverse pregnancy outcomes. Mount Sinai Hospital Department of Obstetrics and Gynaecology Research Award, $7,150, 2011.


### COMMON ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Name</th>
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<tbody>
<tr>
<td>ACR</td>
<td>American Association for Cancer Research</td>
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<tr>
<td>AAGL</td>
<td>American Association of Gynecologic Laparoscopists</td>
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<tr>
<td>AAP</td>
<td>American Academy of Pediatrics</td>
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<tr>
<td>ACMG</td>
<td>Annual Clinical Medical Genetics Meeting</td>
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<tr>
<td>ACOG</td>
<td>American Congress of Obstetricians and Gynecologists</td>
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<td>ACS</td>
<td>American Cancer Society</td>
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<td>Academic Model Providing Access to Healthcare</td>
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<td>APGO</td>
<td>Association of Professors of Gynecology and Obstetrics</td>
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<td>APOG</td>
<td>Association of Professors of Obstetrics &amp; Gynaecology of Canada</td>
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<tr>
<td>ASBMR</td>
<td>American Society for Bone and Mineral Research</td>
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<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>
</tr>
<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>
</tr>
<tr>
<td>CARO/ACRO</td>
<td>Canadian Association of Radiation Oncology</td>
</tr>
<tr>
<td>CBCF</td>
<td>Canadian Breast Cancer Foundation</td>
</tr>
<tr>
<td>CBCRA</td>
<td>Canadian Breast Cancer Research Alliance</td>
</tr>
<tr>
<td>CCASN</td>
<td>Canadian Congenital Anomalies Surveillance Network</td>
</tr>
<tr>
<td>CCC</td>
<td>Canadian Cardiovascular Congress</td>
</tr>
<tr>
<td>CHF</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>Description</td>
</tr>
<tr>
<td>--------------</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>
</tr>
<tr>
<td>CEPD</td>
<td>Continuing Education and Professional Development (University of Toronto)</td>
</tr>
<tr>
<td>CERI</td>
<td>Canadian Epilepsy Research Initiative</td>
</tr>
<tr>
<td>CFPC</td>
<td>College of Family Physicians of Canada</td>
</tr>
<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>COSA</td>
<td>Clinical Oncological Society of Australia</td>
</tr>
<tr>
<td>CPA</td>
<td>Canadian Physiotherapy Association</td>
</tr>
<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>
</tr>
<tr>
<td>CSEM</td>
<td>Canadian Society of Endocrinology and Metabolism</td>
</tr>
<tr>
<td>CSMFM</td>
<td>Canadian Society of Maternal Fetal Medicine</td>
</tr>
<tr>
<td>CSTM</td>
<td>Canadian Society for Transfusion Medicine</td>
</tr>
<tr>
<td>CUA</td>
<td>Canadian Urologic Association</td>
</tr>
<tr>
<td>DCP (NCI)</td>
<td>Division of Cancer Prevention (National Cancer Institute)</td>
</tr>
<tr>
<td>DPSG</td>
<td>Diabetic Pregnancy Study Group, EASD</td>
</tr>
<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>
</tr>
<tr>
<td>EPA</td>
<td>European Placenta Group</td>
</tr>
<tr>
<td>ESC</td>
<td>European Society of Cardiology</td>
</tr>
<tr>
<td>ESHRE</td>
<td>European Society of Human Reproduction and Embryology</td>
</tr>
<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>
</tr>
<tr>
<td>FORCE</td>
<td>Facing Our Risk of Cancer Empowered</td>
</tr>
<tr>
<td>GOC</td>
<td>The Society of Gynecologic Oncology of Canada</td>
</tr>
<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>
<tr>
<td>IBD</td>
<td>Inflammatory Bowel Disease</td>
</tr>
<tr>
<td>ICAAC</td>
<td>Interscience Conference on Antimicrobial Agents and Chemotherapy</td>
</tr>
<tr>
<td>ICONN</td>
<td>The International Collaboration of Neonatal-perinatal Networks</td>
</tr>
<tr>
<td>ICS</td>
<td>International Continence Society</td>
</tr>
<tr>
<td>Acronym</td>
<td>Full Name</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>IGCS</td>
<td>International Gynecologic Cancer Society</td>
</tr>
<tr>
<td>ICHG</td>
<td>International Congress of Human Genetics</td>
</tr>
<tr>
<td>IDSA</td>
<td>Infectious Diseases Society of America</td>
</tr>
<tr>
<td>IDSOG</td>
<td>Infectious Diseases Society for Obstetrics and Gynecology</td>
</tr>
<tr>
<td>IEEE</td>
<td>Institute of Electrical and Electronics Engineers</td>
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<tr>
<td>IFMSS</td>
<td>The International Fetal Medicine and Surgery Society</td>
</tr>
<tr>
<td>IGORS</td>
<td>International Gynecologic Oncology Robotic Symposium</td>
</tr>
<tr>
<td>IFPA</td>
<td>International Federation of Placenta Associations</td>
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<tr>
<td>IHDCYH</td>
<td>Institute of Human Development, Child and Youth Health</td>
</tr>
<tr>
<td>IMS</td>
<td>International Menopause Society</td>
</tr>
<tr>
<td>INTAPP</td>
<td>An International Trial of Antioxidants in the Prevention of Preeclampsia</td>
</tr>
<tr>
<td>IPEG</td>
<td>International Pediatric Endoscopy Group</td>
</tr>
<tr>
<td>IPE</td>
<td>Interprofessional Education</td>
</tr>
<tr>
<td>IPOS</td>
<td>International Psycho-Oncology Society</td>
</tr>
<tr>
<td>ISDS</td>
<td>International Skeletal Dysplasia Society</td>
</tr>
<tr>
<td>ISSCR</td>
<td>International Society for Stem Cell Research</td>
</tr>
<tr>
<td>ISSHP</td>
<td>The International Society for the Study of Hypertension in Pregnancy</td>
</tr>
<tr>
<td>ISSTD</td>
<td>International Society for the Study of Trophoblastic Diseases</td>
</tr>
<tr>
<td>IUGA</td>
<td>International Urogynecological Association</td>
</tr>
<tr>
<td>LHIN</td>
<td>Local Health Integration Network</td>
</tr>
<tr>
<td>MEFS</td>
<td>Middle East Fertility Society</td>
</tr>
<tr>
<td>MICYRN</td>
<td>Maternal Infant Child and Youth Research Network</td>
</tr>
<tr>
<td>MOHLTC</td>
<td>Ministry of Health and Long-Term Care (Ontario)</td>
</tr>
<tr>
<td>MSH</td>
<td>Mount Sinai Hospital</td>
</tr>
<tr>
<td>NAFTNet</td>
<td>The North American Fetal Therapy Network</td>
</tr>
<tr>
<td>NAMS</td>
<td>North American Menopause Society</td>
</tr>
<tr>
<td>NASOM</td>
<td>North American Society of Obstetric Medicine</td>
</tr>
<tr>
<td>NASPAG</td>
<td>North American Society for Pediatric and Adolescent Gynecology</td>
</tr>
<tr>
<td>NESA</td>
<td>New European Surgical Academy</td>
</tr>
<tr>
<td>NCI</td>
<td>National Cancer Institute (part of NIH)</td>
</tr>
<tr>
<td>NIDA</td>
<td>National Institute on Drug Abuse</td>
</tr>
<tr>
<td>NIH</td>
<td>National Institutes of Health</td>
</tr>
<tr>
<td>NSERC</td>
<td>Natural Sciences and Engineering Research Council of Canada</td>
</tr>
<tr>
<td>NYGH</td>
<td>North York General Hospital</td>
</tr>
<tr>
<td>NYSORA</td>
<td>The New York School of Regional Anesthesia</td>
</tr>
<tr>
<td>OCFP</td>
<td>Ontario College of Family Physicians</td>
</tr>
<tr>
<td>OGS/OGSST</td>
<td>Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology</td>
</tr>
<tr>
<td>Ornge</td>
<td>Formerly Ontario Air Ambulance</td>
</tr>
<tr>
<td>OMA</td>
<td>Ontario Medical Association</td>
</tr>
<tr>
<td>OTIS</td>
<td>Organization of Teratology Information Specialists</td>
</tr>
<tr>
<td>PAG</td>
<td>Paediatric and Adolescent Gynaecology</td>
</tr>
<tr>
<td>PAS</td>
<td>The Pediatric Academic Societies</td>
</tr>
<tr>
<td>PAX</td>
<td>Peritoneal Society: New name: PnS : Peritoneum and Surgery</td>
</tr>
<tr>
<td>PMH</td>
<td>Princess Margaret Hospital</td>
</tr>
<tr>
<td>PNOGA</td>
<td>Pacific Northwest Obstetrical &amp; Gynecological Association</td>
</tr>
</tbody>
</table>
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 Oncologists  
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  
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  
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  
UHN  University Health Network  
USCAP  United States and Canadian Academy of Pathology  
WAGO  Western Association of Gynecologic Oncologists  
WEB  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

**Peer-Reviewed Publications**  
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