



Obstetrics & Gynaecology
UNIVERSITY OF TORONTO



ANNUAL REPORT 2011-2012



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/>



Obstetrics & Gynaecology
UNIVERSITY OF TORONTO

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

PROGRAM	DIRECTOR	FELLOW
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Gynaecologic Oncology (RCPSC)	Allan Covens	Lua Eiriksson Tomer Feigenberg Rory Mcvey Clare Reade Yakir Segev Sarah Sinasac
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SHOULD BE:

Gynaecologic Oncology (RCPSC)	Allan Covens	Lua Eiriksson Tomer Feigenberg Gennady Miroshnichenko Clare Reade Sarah Sinasac Luc van Lonkhuijzen
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**Mature Women's Health & Menopause
–Mount Sinai Hospital**

Wendy Wolfman	No fellow
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SHOULD BE:

**Mature Women's Health & Menopause
–Mount Sinai Hospital**

Wendy Wolfman	Debra Evaniuk Faiza Al-Gethami
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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.

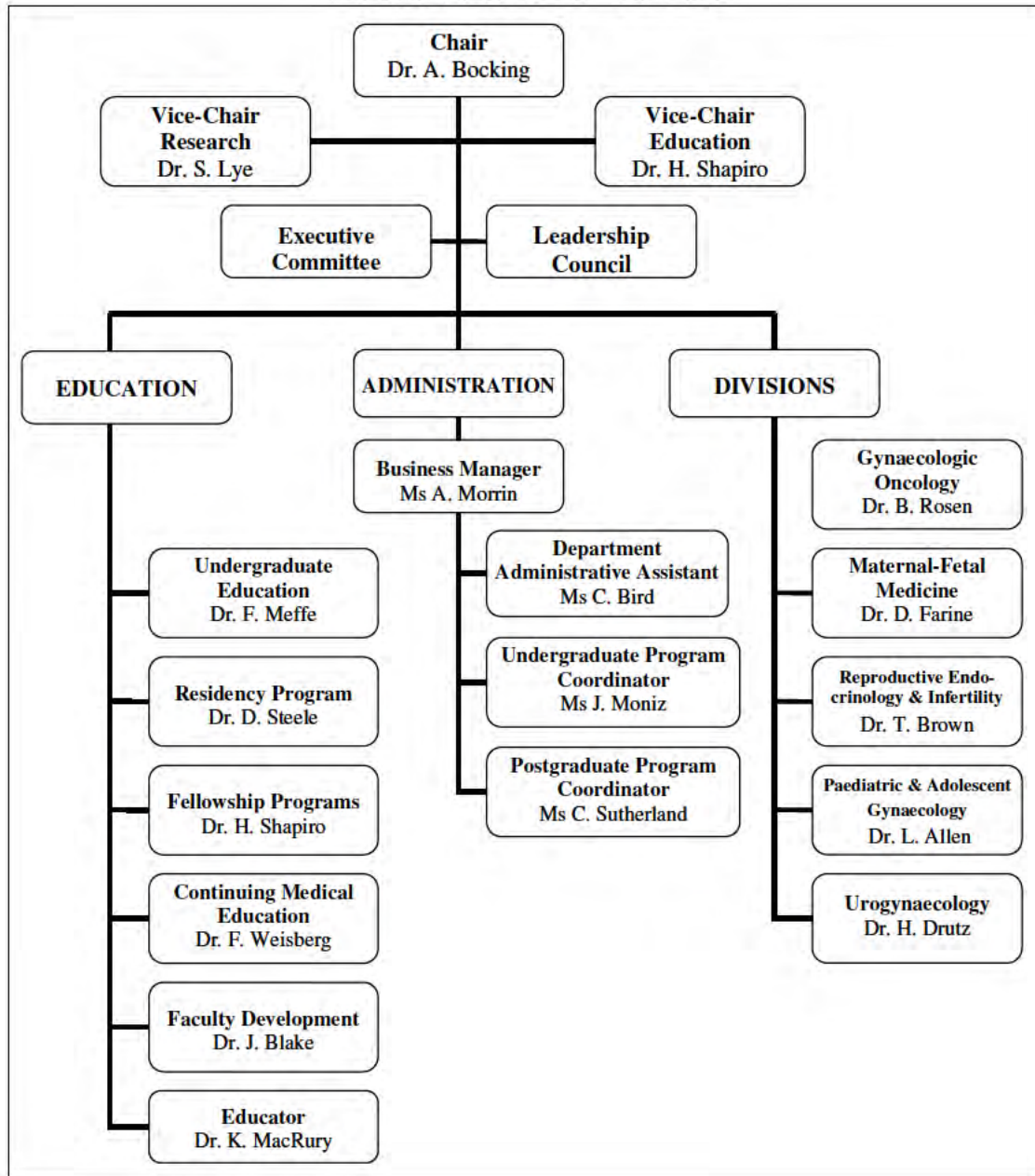
Yours sincerely,



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



University of Toronto
Department of Obstetrics and Gynaecology
ORGANIZATION CHART



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

Lecturers

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

FACULTY

Primary Appointments cont'd

Lecturers cont'd

Kirsten Smith
Richard Stein
Linda Stirk
Melissa Tai
Scott Tigert

Carol Wade
Sierra Washington
Peter Watt[†]
Georgina Wilcock

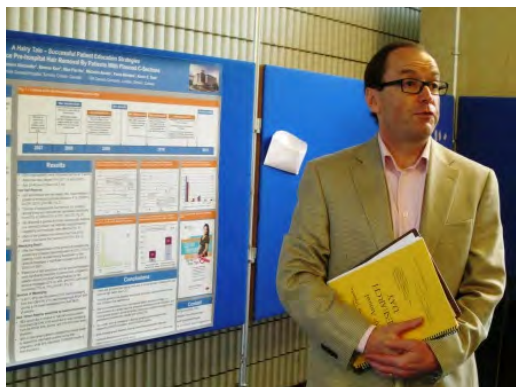
Jeremy C Wong
Vincent Wu
Lynne Zolis[‡]

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

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

Associate Professors

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

FACULTY

Cross Appointments cont'd

Assistant Professors

Tony Barozzino - Paediatrics

Karen Chong - Paediatrics

Michael Sgro - Paediatrics

Martin Skidmore - Paediatrics

Rachel Wald†

- Paediatrics

Sandra Viero

- Laboratory
Medicine
& Pathobiology

Lecturer

Nina Venkatarangam - Family & Community
Medicine

ADMINISTRATIVE STAFF

Business Manager

Franca Conciatore/Arleen Morrin

Coordinator of Undergraduate Program

Maria Wowk/Jeanette Moniz

Coordinator of Postgraduate Program

Caroline Sutherland

Departmental Assistant

Cherryl Bird



RESIDENTS

PGY 1

Caroline Chan*
 Jessica Green
 David Gurau
 Umami Habiba
 Adrienne Li
 Rebecca Menzies
 Rebecca Rich
 Michael Selter
 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

Crystal Chan*
 Paulina Cybulska
 Brian Ferguson
 Helena Frecker
 Louise-Helene Gagnon
 Alice Han
 Julia Kfoury
 Kelsey Mills

PGY 3 cont'd

Shannon Moore
 Leslie Po
 Priya Sharma
 Laura Sovran
 Evan Taerk

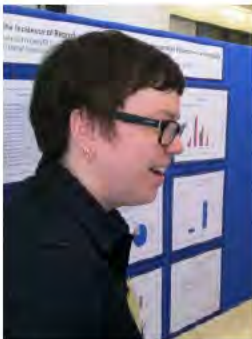
PGY 4

Stephanie Backman
 Genevieve Bouchard-Fortier
 Daniela Caprara
 Melanie Campbell
 Crystal Chan*
 Salikah Iqbal
 Naana Jumah
 Tharani Kandasamy*
 Noushin Khoshbakht
 Shannon Moore*
 Lamide Oyewumi
 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

PROGRAM	DIRECTOR	FELLOW
Advanced Obstetrics	P. Gareth Seaward	Sally Sabra Chaula Mehta Nasser Awad
Advanced High-Risk Obstetrics -St Michael's Hospital	Howard Berger	Reuven Kedar
Gynaecologic Oncology (RCPSC)	Allan Covens	Lua Eiriksson Tomer Feigenberg Rory Mcvey Clare Reade Yakir Segev Sarah Sinasac
Maternal-Fetal Medicine (RCPSC)	Cynthia Maxwell	Abdilmohsen 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
Gynaecologic Reproductive Endocrinology and Infertility (RCPSC)	Barbara Cruickshank	Kaajal Abrol Ariadne Daniel Kimberley Garbedian
Gynaecologic Endoscopy	Artin Ternamian	Brenda Sohn Ashraf Dawood
Minimally Invasive Gynaecological Surgery – St. Michael's Hospital	Guylaine Lefebvre	Edgar Boggs Marianne Boutet Catherine Tremblay
Minimally Invasive Gynaecological Surgery (AAGL*) – Sunnybrook Health Sciences Centre	Rose Kung	Miriam Ang

**Paediatric and Adolescent
Gynaecology**
 Hospital for Sick Children

Sari Kives

Yolanda Kirkham

Reproductive Sciences

Robert Casper

Assaf Ben-Meir
 Lucy-Ann Behan
 Nayana Talukdar
 Hend Ahmado

**Urogynaecology
Mount Sinai Hospital**

Harold Drutz/
 Danny Lovatsis

Elham Bamanie
 Seham Hassonah
 Sebastian Medel
 Yvonne Leong
 Salomon Zebede

**Mature Women's Health & Menopause
–Mount Sinai Hospital**

Wendy Wolfman

No fellow

*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, <i>Chair</i>	S. Kives	R. Pittini
E. Baker	S. Lee	E. Shore
D. Bhangu	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 Feb 2012), <i>Chair</i>	J. Dodge	R. Rich (PGY1)
C. Bambao	M. Farrugia	L. Sovran/J. Kfoury (PGY3)
A. Bocking	S. Iqbal/S. Moore (PGY4)	J. Shapiro
J. Bodley	S. Kives	D. Soroka
A. Cipolla (PGY2)	R. Kung	J. Thomas
A. Corbey	K. MacRury	A. Zaltz
	S. Mark (PGY5)	L. Zolis/N. Pairedeau
	M. Ornstein/J. Cram	

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

SMH MSH/UHN SHSC TEGH HSC NYGH SJHC THP WCH



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

*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.



Division of Paediatric and Adolescent Gynaecology

Lisa Allen, Division Head

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.



Division of Urogynaecology

Harold Drutz, Division Head

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 Satkunararatnam 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 (COPI) 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.



Postgraduate Medical Education

Donna Steele, Director

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 Cybulska (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/Case Western 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

Gylaine Lefebvre

Cindy Maxwell

Deborah Robertson

Greg Ryan

Mathew Sermer

Jackie Thomas

Rory Windrim

Wendy Wolfman



Department of Obstetrics and Gynaecology CME Courses

Courses	Date	Venue	Medical Course Director
7th Annual Everyday Gynaecology	Friday October 28	Ben Sadowski Auditorium	Jackie Thomas
Pregnancy and Obesity: A Challenge in Women's Health	Friday November 11	Ben Sadowski Auditorium	Cindy Maxwell
3rd Medical Disorders in Pregnancy: Critical Care Focus	Friday November 25	Ben Sadowski Auditorium	Mathew Sermer Cindy Maxwell
8th Annual Obstetrical Malpractice: A Survival Guide for 2012	Saturday January 21	Ben Sadowski Auditorium	Dan Farine
Women's Health Symposium	Friday Feb 03	LiKaShing	Deborah Robertson
15th Annual Women's Imaging: Advances in Gynaecologic Imaging and First Trimester U/S	February 24 - 26	Marriott – Eaton's Centre	Greg Ryan Shia Salem Phyllis Glanc Rory Windrim
8th Annual Mature Women's Health Care	Friday April 13	Isabel Bader Theatre	Harold Drutz Wendy Wolfman
10th Annual Refresher in Primary Maternity Care	Friday May 11	Northrop Frye Auditorium	John Kingdom Family Practice
Breastfeeding Current Research and Best Practices	Saturday May 12	Northrop Frye Auditorium	Michele Farrugia
20th Annual Symposium New Developments in Prenatal Diagnosis & Medical Genetics	Wednesday May 16	JJR MacLeod Auditorium or Sadowski Auditorium	David Chitayat

Department of Obstetrics and Gynaecology 2011-12 Interhospital Rounds, University of Toronto

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

EDUCATIONAL PARTNERSHIP PROGRAM

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

We would like to take this opportunity to 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 (Women's Health Symposium)	Excellence in CME Course Coordination
Dalip Bhangu	Excellence in Integrated Undergraduate Education
Melanie Ornstein	Excellence in Integrated Postgraduate Education



2012 AWARDS FOR UNDERGRADUATE TEACHING EXCELLENCE

Fred Engle	University Health Network
Johannes Keunen	Mount Sinai Hospital
Grace Liu	Sunnybrook Health Sciences Centre
Filomena Meffe	St. Michael's Hospital
Melanie Ornstein	Toronto East General Hospital
Jeremy Wong	North York General Hospital
Suzanne Wong	St Joseph's Health Centre

MASTER TEACHER AWARDS

Grace Liu	Sunnybrook Health Sciences Centre
Filomena Meffe	St Michael's Hospital
Suzanne Wong	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

Fred Zuspan Award, Best Collaborative Paper between Obstetrics & Perinatal Anesthesia
“Carbetocin at elective Cesarean delivery : A dose-finding study - part 2”

Zuresh Anandakrishnan, Mrinalini Balki, **Gareth Seaward**, and **José CA Carvalho**.

44th Annual Meeting of the Society of Obstetric Anesthesia and Perinatology.
May 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).

Guyline 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 Anandakrishnan, 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

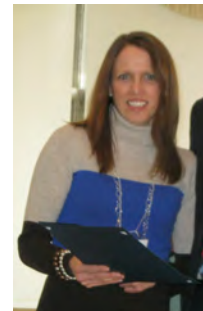
MSc Best Poster Award (Clinical Epidemiology)

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, University 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

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Reproductive Endocrinology and Infertility Committee [**Sierra S**]; Family Physicians Advisory Committee; Maternal-Fetal Medicine Committee; Executive and Council of the Society of Obstetricians, **Liu K**, Case A. Advanced reproductive age and fertility. *J Obstet Gynaecol Can* 2011 Nov;33(11):1165-75.

Robertson JR, **Drutz HP**. My mentors in urogynecology. *Int Urogynecol J* 2011 Oct;22(10):1209-10. Epub 2011 Jul 28.

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Van Eyk N, van Schalkwyk J; Infectious Diseases Committee [**Yudin M**]. Antibiotic prophylaxis in gynaecologic procedures. *J Obstet Gynaecol Can* 2012 Apr;34(4):382-91. Review

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Walsh L, Morgia M, **Fyles A**, Milosevic M. Technological advances in radiotherapy for cervical cancer. *Curr Opin Oncol* 2011 Sep;23(5):512-8. doi: 10.1097/CCO.0b013e3283499d93. Review.

Windrim CM, **Kingdom J**. Posterior suture avulsion following cervical cerclage. *Ultrasound Obstet Gynecol* 2012 Mar;39(3):359-60. doi: 10.1002/uog.10087. Epub 2012 Feb 9. Letter to the Ed.

Wong S, Ordean A, Kahan M; Society of Obstetricians and Gynecologists of Canada [**Farine D**]. SOGC clinical practice guidelines: Substance use in pregnancy: no. 256, April 2011. *Int J Gynaecol Obstet* 2011 Aug;114(2):190-202.

Yudin MH. Optimizing knowledge of antiviral medications for prophylaxis and treatment of influenza during pregnancy. *Expert Rev Respir Med*. 2011 Aug;5(4):495-501. Review.



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.

Allen L. The multidisciplinary approach to disorders of sexual development. Invited Speaker. North American Society of Pediatric and Adolescent Gynecology, Annual Clinical Meeting, South Beach, Florida, USA, April 19, 2012.

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.

Bernardini M, Swallow C, Fleshner N. What is Success? How Aggressive Should We Be? Symposium on Pelvic Exenteration, Invited Speaker. Society of Pelvic Surgeons Annual Meeting, Toronto, Ontario, Canada. September 15, 2011.

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

Bocking AD. Probiotic lactobacilli during pregnancy - Is there a role? Presidential Lecture. Distinguished Speaker. 38th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynaecology, Chicago, Illinois, USA, August 2011.

Bocking AD. Probiotic therapy for the reversal of bacterial vaginosis in pregnancy. Twin Birth Study for International Collaborators' Meeting, Speaker. Presentation of Primary Results. Toronto, Ontario, Canada May 11, 2012.

Bocking AD. Women and children's health – A global perspective. Mini Symposia. Moderator. Society for Gynaecological Investigation, San Diego, California, USA, March 2012.

Bocking AD. Women and children's health - A global perspective - Maternal mortality and morbidity. Speaker. Society for Gynaecological Investigation, San Diego, California, USA, March 2012.

Casper RF. The role of mitochondria in fertility. Invited Lecturer. Boston Biotech Conference, Boston, Massachusetts, USA, April 17, 2012.

Casper RF. Cigarettes, Red Wine and Reproduction. Lecturer. Sevilla, Spain. January 27, 2012.

Casper RF. Can we rejuvenate old eggs? MEFS Annual Meeting, Beirut, Lebanon, November 2011.

Casper RF. New methods for ovulation induction. MEFS Annual Meeting, Beirut, Lebanon, 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.

Casper RF. GnRH agonists in the management of endometriosis. American College of Obstetricians and Gynecologists, Detroit, Michigan, USA, September 23, 2011.

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

Chitayat D. The Chromosomal Microarrays: The benefits and challenges of introduction into prenatal diagnosis. Keynote speaker. Obstetrical and Gynecological Society of Hong Kong, Hong Kong, China, September 8, 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.

Chitayat D. Prenatally detected genital abnormalities. International Society for Prenatal Diagnosis, 16th International Conference, Miami, Florida, USA, June 3, 2012.

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. First line management for ovarian cancer. Amgen Investigator's Meeting. Newport Beach, California, USA, 2012.

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

Derzko C. Update on the management of menopause & osteoporosis. U of T – Saudi Aramco Live Telecast, July 5, 2011.

Derzko C. The Canadian Humanitarian Medical Mission to Ukraine (Feb 10 – 17/2012). Radio Canada International, Toronto, Ontario, Canada, March 6, 2012.

Derzko C. Interview of Canadian Physicians in Kharkhiv. International Press Corps, Kharkhiv, Ukraine), February 14, 2012.

Derzko C. The Canadian Humanitarian Medical Mission to Ukraine (Feb 10 – 17/2012). Chicago Radio, Chicago, Illinois, USA, March 7, 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, Florence, Italy. Presenter(s): Farine, Dan

Farine D. Epidemiology of mono and dichorionic twins. Istituto degli Innocenti, Florence, Piazza SS Annunziata Twins, Art and Science: - Art Exhibition by David Teplica Official opening of the Exhibition, Florence, Italy. April 2, 2012.

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. Use of progesterone. Plenary Symposium on Preterm Delivery. 14th Jornada Medica Bienal, 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. Uterine atony: What can be done before hysterectomy? 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. Modern technology to monitor labor progress. Birth - Clinical Challenges in Labour & Delivery Meeting, Chicago, Illinois, USA, September 9, 2011.

Farine D. Post-partum hemorrhage & carbetocin. Ferring Pharmaceuticals, China, July 20-28, 2011.

Farine D. Post-partum hemorrhage & carbetocin. Ferring Pharmaceuticals, Bangkok, Thailand, July 20-28, 2011.

Farine D. Post-partum hemorrhage & carbetocin. Ferring Pharmaceuticals, Ho Chi Minh City, Vietnam, July 20-28, 2011.

Farine D. Post-partum hemorrhage & carbetocin. Ferring Pharmaceuticals, Singapore, July 20-28, 2011.

Farine D. Post-partum hemorrhage & carbetocin. Ferring Pharmaceuticals, Manila, Philippines, July 20-28, 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.

Ferguson SE. Sexuality after gynae cancer treatment. The Gynaecology Travellers of Great Britain and Ireland Meeting, Toronto, Ontario, Canada, May 14, 2012.

Fyles A. Luminal A Subtype predicts radiation response in T1N0 breast cancer in a randomized trial of tamoxifen with out without breast radiation. SABCS-AACR San Antonio Breast Cancer Symposium, San Antonio, Texas, USA, December, 2011.

Fyles A. Vulva contouring study. Gynecological Working Group, RTOG Meeting, Atlanta, Georgia, USA, January, 2012.

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

Kingdom J. Does heparin prevent placental complications? Royal Australian and New Zealand College of Obstetricians and Gynaecologists, 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.

Kingdom J. Is heparin a placental anticoagulant. Travellers Meeting (UK Group), Intercontinental Hotel, Toronto, Ontario, May 2012.

Lee SK. Canadian Neonatal Network. International Neonatal Symposium, Urumqi, China, August, 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, Santiiago, Chile, October 2011.

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

Lee SK. Evidence-based practice for improving quality: Innovative new strategies for improving outcomes for infants. PSANZ & FAOPS Annual Conference, Sydney, Australia, March 2012.

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.

Letarte M. Many facets of the regulatory role of Endoglin (CD105). Albert Einstein College of Medicine, New York, New York, USA, March 28, 2012.

Liu K. Advanced Reproductive Age and Fertility SOGC guidelines. Interview. Published in multiple newspapers, including Globe and Mail (on-line), Calgary Herald and Ottawa Citizen. November 17, 2011.

Liu K. Advanced Reproductive Age and Fertility SOGC guidelines. Interview. For radio shows: CJOB Radio Winnipeg, and AM 800 CKLW The Afternoon News. November 17, 2011.

Liu K. Advanced Reproductive Age and Fertility SOGC guidelines. Interview. Global TV News, November 17, 2011.

Liu K. Fertility for the Family Physician. Ontario College of Family Physicians Annual Conference, Toronto, Ontario, Canada. November 24, 2011.

McDermott C, Hale D. The ins and outs of laparoscopic abdominal sacrocolpoperineopexy. 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. New Horizons in Cancer Genetics & Applications to Clinical Practice, Chicago, Illinois, USA, April 21, 2012.

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, Columbus, Ohio, USA, April 9, 2012.

Narod S. Genetic testing in the Jewish Population: Are we doing enough? Temple Beth Am, Miami, Florida, USA, March 14, 2012.

Narod S. A model for breast cancer risk based on stem cell theory: Implications for chemoprevention for BRCA1 and BRCA2 carriers. University of Miami, Miami, Florida, USA, March 13, 2012.

Narod S. A model for breast cancer risk based on stem cell theory: implications for chemoprevention for BRCA1 and BRCA2 carriers. 1st Asia-Pacific Breast Cancer Summit, Singapore, February 12, 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. Treatment of hereditary breast cancer. Curso Internacional De Genetica Y Cancer, Santiago, Chile, November 24, 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. Translational research in advanced ovarian cancer. Centro di Ricerca Oncologia, National Cancer Institute, Aviano, Italy, December 16, 2011.

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

Oza A. Ovarian and endometrial cancer treatment overview. Rosia IDMC meeting, Stockholm, Sweden, September 26, 2011.

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

Pairaudeau N. The surgical check list. Society of Laparoendoscopic Surgeons, Singapore, November, 2011.

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. Peripartum management of the cardiac patient - The Toronto experience. The 2nd International Congress on Cardic Problems in Pregnancy, Berlin, Germany, May 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.

Steinberg W. Menopause: The debate goes on. Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 2012.

Steinberg W. Office Gynaecology Procedures (Laboratory). Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 2012.

Steinberg W. IUDs Update. 2 Hour hands-on LAB. Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 2012.

Steinberg W. Abnormal uterine bleeding. 1 Hour hands-on LAB, Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 2012.

Steinberg W. Recent advances in cervical cancer protection. Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 2012.

Steinberg W. AUG: Diagnosis & management. Women's Health Conference: CME Seacourses Caribbean, Nassau, St. Maarten, Dutch Virgin Islands, St. Thomas, US Virgin Islands, March 11-18, 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.

Ternamian A. Safe Laparoscopic Peritoneal Entry and Risk Management in Endoscopic Surgery. Hands-On Suturing and Hysteroscopy Course. University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, June 7-10, 2012.

Ternamian A. Automated peritoneal access. Technology Symposium. Innovative tools and Robotics. 20th International Congress of the European Association for Endoscopic Surgery. Brussels, Belgium, June 20-23, 2012.

Thistle P, Mwakutuya J. Doctors in distress. The role of the Health Committee of the Medical and Dental Practitioners Council of Zimbabwe. Zimbabwe College of Psychiatry & Counseling Service Unit Workshop, Harare, Zimbabwe, June 2012.

Thomas G. Research challenges in the developing world – Focus on cervical cancer. 11th Peninsula Cancer Research Network Symposium, Buckfast Abbey, UK, July 2011.

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. Endometrial cancer should be managed by the specialist Gynecologist not the Gynecologic Oncologist. Debate: Pro side. COSA Meeting, Perth Australia, November 18-19, 2011.

Thomas G. Vulvar Cancer: “Put Down the Knife and Bring on the Healing Ray.” COSA Meeting, Perth Australia, November 18-19, 2011.

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

Thomas G. Expert Opinion/Debate: Contra Surgical Staging. Progress and Controversies in Gynecologic Oncology Conference, Barcelona, Spain, April 13-14, 2012.

Toi A. Fetal live scan. Inaugural Pacific Rim Congress on Ultrasound and MRI Imaging of the Fetus. Whisler, British Columbia, Canada, March 4, 2012.

Toi A. Case Presentations. Inaugural Pacific Rim Congress on Ultrasound and MRI Imaging of the Fetus, Whisler, British Columbia, Canada, March 4, 2012.

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

Wolfman W. Review of testosterone therapies in treatment of Hypoactive Sexual Desire Disorder (HSDD). North American Menopause Society. Round Table Breakfast. Washington, DC, USA, September 20, 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.

Allen L. Adult women with TS. Invited Speaker. Discussion workshop on aging, menopause and TS. Presentation to Patients/Public. Turner Syndrome Society of Canada. Toronto, Ontario, Canada. May 26, 2012.

Allen L. Ovarian torsion: Twist and shout. Invited Speaker. Surgery in Pediatric and Adolescent Gynecology, Annual Ontario Meeting, Concurrent Session: Society of Obstetricians and Gynaecologists of Canada and Society of Minimally Invasive Gynecologists, Toronto, Ontario, Canada, December 2, 2011.

Allen L. Genital trauma. Invited Speaker. Surgery in Pediatric and Adolescent Gynecology, Annual Ontario Meeting, Concurrent Session, Society of Obstetricians and Gynaecologists of Canada and Society of Minimally Invasive Gynecologists, Toronto, Ontario, Canada, December 2, 2011.

Allen L. The obstructed vagina. Invited Lecturer. Society of Obstetricians and Gynaecologists of Canada, Plenary, Annual Ontario Meeting, Toronto, Ontario, Canada, December 1, 2011.

Bernardini MQ. Clinical challenge of endometrial cancer - Lessons learned from ovarian cancer. Invited Speaker. Canadian Conference on Ovarian Cancer Research (CCOCR), Quebec City, Quebec, Canada. May 29, 2012.

Bocking AD. Comparative study of two transabdominal approaches for uterine artery doppler velocimetry at 11-13 weeks. Invited Moderator. Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 22, 2012.

Bocking AD. Group prenatal care versus individual prenatal care: A systematic review and meta-analyses. Invited Moderator. . Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 22, 2012.

Bocking AD. The effect of vitamin d levels on pregnancy outcomes : A systematic review and meta-aanalysis. Invited Moderator. Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 22, 2012.

Bocking AD. Timing of elective repeat cesarean delivery at term in British Columbia. Invited Moderator. Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 22, 2012.

Bocking AD. Trends, predictors and mortality among women with venous thromboembolism in pregnancy: A population-based study of 8 million births. Invited Moderator. Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 22, 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.

Bocking AD. Preterm birth : Unravelling the mystery of the vaginal flora. Invited Speaker. Grand Rounds, McMaster University, Hamilton, Ontario, November 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 Centre 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. Egg preservation: Practical issues, SOGC, CME Meeting, Toronto, Ontario, December 2, 2011.

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

Casper RF. Invited Speaker. Can We Rejuvenate Old Eggs? Canadian Fertility and Andrology Society, Toronto, Ontario, September 22, 2011.

Chitayat D. An update on screening for fetal aneuploidy. 68th Annual Meeting, Society of Obstetricians and Gynaecologists of Canada, Ottawa, Ontario, June 22, 2012.

Colgan T. Gynaecological pathology: Update 2011. Invited faculty member. Banff Pathology Course, Banff, Alberta, August 25, 2011.

Colgan T. A day of gynaecological pathology. Visiting Professor. University of Western Ontario, Department of Pathology, London, Ontario, June 13, 2012.

Colgan T. Cervical Glandular Lesions. 74th Annual Meeting of the Ontario Association of Pathologists, October 16, 2011.

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

Derzko C. Screening for STI’s – Why vigilance matters. Ontario College of Family Practice 2011 Annual General Meeting, Toronto, Ontario, November 26, 2011.

Feig D. Planning pregnancy in women with type 2 diabetes: where to start? Canadian Diabetes Association, Association Annual meeting, Toronto, Ontario, October 29, 2011.

Feig D. Debate: Should oral agents be used as first-line therapy for women with gestational diabetes? Canadian Diabetes in Pregnancy Study group (CanDIPS), Toronto, Ontario, October 28, 2011.

Ferguson SE. Survivorship care for women with gynecologic cancer: A model of care. 37th Annual D.A. Boyes Society Meeting, Vancouver, British Columbia, Canada, October 2011.

Keating S. What's so special about perinatal pathology? Forensic Pathologists of Ontario, Toronto, Ontario, April 25, 2012.

Kingdom J. Is heparin a placental anticoagulant? University of British Columbia Department of Obstetrics & Gynaecology Annual Academic Day, Vancouver, British Columbia, Canada, March 2012.

Kingdom J. Placental insufficiency syndromes: Are we winning? BC Women's Hospital Interprofessional Grand Rounds, Children's and Women's Health Centre of British Columbia, Vancouver, British Columbia, Canada, March 2012.

Kroft J. Essentials in Endoscopic Surgery Course. Society of Minimally Invasive Gynaecology/Association of Professors of Obstetrics & Gynaecology of Canada, Toronto, Ontario, Canada, December 1, 2011.

Lee SK. EPIQ. WinterCAPS Retreat, Whistler, British Columbia, September 2011.

Lee SK. Improving neonatal care. Alberta Innovates Conference, Edmonton, Alberta, Oct 2011.

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, Hamilton, Ontario, May 2012.

Lee SK. IHDCYH address. CIHR IHDCYH Forum, Vancouver, British Columbia, 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. Royal College Lecture. 2012 CPS Conference, London, Ontario, June 2012.

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

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

Lefebvre G, Heywood M, Hopkins L, Legrand-Westfall L. Risk management in gynecologic surgery. 67th Annual Clinical Meeting of the Society of Obstetricians and Gynaecologists of Canada, Vancouver, British Columbia, Canada. June 15, 2011.

Lovatsis D. Transobturator slings: Inside-out versus outside-in. Invited Speaker. Lecture to OB/GYN and Urology practicing physicians. Owen Sound Hospital, Owen Sound, Ontario, September 12, 2011.

Lovatsis D. Live surgery - laparoscopic sacral colpopexy. live surgery with audiovisual feed to lecture theatre to 10 practicing OB/GYNs 2011. Centre for Minimal Access Surgery (CMAS), Hamilton, Ontario, October 14, 2011.

Mansour F, Boggs E, McDermott C, **Lefebvre G** Acute management of ureteric injury at minimally invasive hysterectomy. SOGC Annual Clinical Meeting, Vancouver, British Columbia, Canada, June 15, 2011.

Maxwell C. Overview of literature, evidence, guidelines and clinical pearls for management of the obese pregnant woman. 2011 Obstetrics & Gynecology Clinical Day, Current Approaches to the Obese Pregnant Patient. South Lake Regional Health Centre, Newmarket, Ontario, October 26, 2011.

Murphy K. Canadian Research Investigators: 'How to' and Wisdom. Canadian Society of Maternal Fetal Medicine Initiative, Ottawa, Ontario, Canada, 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.

Oza A. Gynecologic cancers. Best of Oncology Conference, Toronto, Ontario, December 2, 2011.

Rogers IM. Lunch and Learn: Human umbilical cord blood stem cells: Present and future uses. Invited Speaker. Fredericton Medical Centre, Fredericton, New Brunswick, November 4, 2011.

Rosen B, Miller D. Review of the objectives of CoP in international women's health. GOC - Communities of Practice Forum, Toronto, Ontario, December 2, 2011.

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

Spitzer RF. (on behalf of CANPAGO). Infection detection: Sexually transmitted infections in the adolescent and young adult. SOGC, Toronto, Ontario, December 3, 2011.

Spitzer RF. Meeting contraceptive challenges. Southlake Regional Health Centre. Newmarket, Ontario, October 26, 2011.

Stirk L. Alcohol & Pregnancy. Perinatal Morbidity and Mortality Rounds, NYGH, Toronto, Ontario, March 2012.

Tai M. Cesarean Section rates, How high is too high? TEGH MRP-QIP Grand Rounds, Toronto, Ontario, January 18, 2012.

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

Toi A. Fetal head beyond the ventricles. Multimodality gynaecologic and obstetrical imaging. University of Ottawa, Ottawa, Ontario, October 29, 2011.

Toi A. Fetal live scan. Multimodality gynecologic and obstetrical imaging. University of Ottawa, Ottawa, Ontario, October 29, 2011.

Windrim R. Contemporary topics in prenatal care: A Special Symposium on Twins and Delayed Childbearing”. Calgary Ultrasound Meeting Half-day MCDA Twins, TTTS, Doppler, Early screening. Calgary Health Services, Early prenatal Risk Assessment Program, Calgary Alberta, September 23-24, 2011.

Wolfman W. Best Practice Session: Androgens and Hypoactive Sexual Desire Disorder. Society of Obstetricians and Gynaecologists of Canada. Aruba, February 27, 2012.

Wolfman W. Breakout Session: Abnormal uterine bleeding in the endometrium. Society of Obstetricians and Gynaecologists of Canada. Toronto, Ontario, December 1, 2011.

Wolfman W. Graft versus host disease. The Canadian Bone Marrow Transplant Group. Montreal, Quebec, September 16, 2011.

Wolfman W. Androgens in gynaecology. Course for gynaecologists. Society of Obstetricians and Gynaecologists of Canada. Ottawa, Ontario, June 23, 2012.

Yudin M. Perinatal infections: Update on diagnosis and treatment. Plenary Session. Atlantic Society of Obstetricians and Gynecologists (ASOG) Annual Clinical Meeting. Charlottetown, Prince Edward Island, Canada, September 24, 2011.

Yudin M. STI Update. Best Practice Session. Society of Obstetricians and Gynaecologists of Canada (SOGC) 68th Annual Clinical Meeting, Ottawa, Ontario, Canada, June 22, 2012.

Yudin M. Working with and supporting HIV-positive mothers at Hamilton Health Sciences: An educational forum. Office of Human Rights and Diversity Lunch Conference. Hamilton, Ontario, May 2, 2012.

Yudin M. Caring for the HIV+ pregnant woman. Ontario HIV Outpatient Clinics Education Day and Conference. AIDS Bureau, Ontario Ministry of Health and Long-Term Care. Toronto, Ontario, February 10, 2012.

Yudin M. The Positive Pregnancy Programme (P3): a collaborative model for providing care to HIV-positive women during pregnancy. Susan King Memorial Lecture. The Ontario HIV Treatment Network (OHTN) 14th Annual Research Conference, Toronto, Ontario, November 14, 2011



Local

Alarab M. The role of the primary health care provider and the management of pessaries. 8th Annual Mature Women's Health Care, Toronto, Ontario, April 13, 2012.

Alarab M. New advances in the management of vaginal atrophy. . Family Medicine CME, Delta Meadowvale Hotel and Conference Centre. Mississauga, Ontario, February 2, 2012

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

Allen L. Gynecologic causes of acute abdominal pain in the ER. Invited Speaker. Pediatric Emergency Medicine Grand Rounds, Hospital for Sick Children, Toronto, Ontario, Canada. May 24, 2012.

Allen L. Laparoscopic cerclage: A new way to do an old stitch. Invited Speaker. Inservice for perioperative nurses. Women's College Hospital Perioperative Nursing, Toronto, Ontario, January 22, 2012.

Arthur R. Endometriosis and infertility. Invited Speaker. Obstetrician/Gynaecologists from the Barrie and Orillia area. Barrie, Ontario, April 25, 2012.

Arthur R. Fibroid management: A practical approach. Invited Speaker. A Gynecology Review Day, Toronto, Ontario, October 28, 2011.

Arthur R. Endometriosis and infertility. Invited Lecturer. Grand Rounds, Mount Sinai Hospital Department of Obstetrics and Gynaecology, Toronto, Ontario, May 25, 2012.

Arthur R. Review of infertility. Infertility Royal College Exam Review. Invited Speaker. Presentation to Senior Residents, Toronto, Ontario, February 29, 2012.

Berger H. Early embryo development. Invited Speaker. Basic Science Academic Half-Day, St. Michael's Hospital, Toronto, Ontario, October 5, 2011.

Berger H. Gestational and Pre-Gestational Diabetes. Pregnancy & Obesity: A Challenge in Women's Health, Invited Speaker. Toronto, Ontario, November 11, 2011.

Berger H. Rhombencephalosynapsis. Invited Speaker. University of Toronto Fetal Rounds, Toronto, Ontario, January 31, 2012

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.

Berger H. The Great Debate - Time for a new definition of GDM. Invited Speaker: OB/GYN Education Day, Toronto East General Hospital, Toronto, Ontario, November 1, 2011.

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

Bocking AD. 20th Annual Symposium: new developments in prenatal diagnosis and medical genetics. Invited Moderator. Department of Obstetrics and Gynaecology, Toronto, Ontario, May 16, 2012.

Bocking AD. Social responsibility: What is our role? Presenter. Faculty Development Day, Department of Obstetrics and Gynaecology, Toronto, Ontario, Canada October 26, 2011.

Bodley J. Minimally invasive surgery for prolapse and incontinence. Sunnybrook Estates, Toronto, Ontario, May 2012.

Brown TJ. The role of ovulation and the fallopian tube in ovarian cancer. Invited Speaker. Canadian Fertility and Andrology Society Annual Meeting, Toronto, Ontario, September 21, 2011.

Brown TJ. Steroid Hormones: Control of synthesis and action. Invited Lecturer. Centre for Fertility and Reproductive Health, Mount Sinai Hospital, Toronto, Ontario, September 14, 2011.

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. The aging ovary. London Health Sciences Centre, The Fertility Clinic, London, Ontario, April 25, 2012.

Casper RF. Current and future uses of umbilical cord blood. Ottawa Civic Hospital, Interhospital Rounds, Obstetrics and Gynecology, Ottawa, Ontario, February 8, 2012.

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. Prenatal prevention, diagnosis and treatment. Obstetrics and Gynaecology Residents, University of Toronto, Toronto, Ontario, August 31, 2011.

Chitayat D. Approach to a dysmorphic newborn. Neonatal-Perinatal Fellowship Training Program, SickKids Hospital, Toronto, Ontario, September 28, 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. Prenatal Screening and Diagnosis. Genetics Technology Program – The Michener Institute, Toronto, Ontario, October 18, 2011.

Chitayat D. MSB-Labs Genetics Seminars – Mechanisms, manifestations and management of disease. Medical students, University of Toronto, Toronto, Ontario, October 26, 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. Ambiguous genitalia. Neonatal-Perinatal Fellowship Training Program, SickKids Hospital, Toronto, Ontario, November 16, 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. Prenatal screening and diagnosis. The Motherisk Program, The Hospital for Sick Children, Toronto, Ontario, March 2, 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.

Chitayat D. Prenatal diagnosis. Fetal Teaching Session, Division of Cardiology, Hospital for Sick Children, Toronto, Ontario, June 28, 2012.

Colman J. The undifferentiated patient. Lecturer. Heart Disease and Pregnancy Seminar Series - Heart Disease and Pregnancy Program MSH/UHN, Seminar with heart disease and pregnancy fellows Toronto, Ontario, November 11, 2011.

Covens A. Fertility-sparing surgical techniques in Gynecologic Oncology. Masters Course, Radiation Technologists, Toronto, Ontario, 2011.

Covens A. Cervical cancer – A foundation for new direction in treatment. 62nd Annual Meeting, Society of Pelvic Surgeons, Toronto, Ontario, 2011.

Covens A. Advanced ovarian cancer debulking procedures. Covidien, Toronto, Ontario, 2012.

Derzko C. When sex hurts----- and----- Vulvovaginal atrophy is the reason. Primary Care Today Annual 2011 Conference, Toronto, Ontario, May 10, 2012.

Derzko C. Is transdermal menopausal ET/EPT safer? Etobicoke Family Physicians Journal Club, Toronto, Ontario, June 13, 2012.

Derzko C. 2012 Update on Menopause Management. North Toronto Medical Clinic, Toronto, Ontario, May 9, 2012.

Derzko C. Menopause Hormone Therapy: Risks vs Rewards. Toronto Chinese Physicians Journal Club, Toronto, Ontario, March 8, 2012.

Derzko C. SOGC Guidelines on Menopausal HT. Oshawa Clinic Physicians, Oshawa, Ontario, November 8, 2011.

Derzko C. Management of women in early menopause. Toronto Physicians Group, Toronto, Ontario, July 27, 2011.

Derzko C. When politics trumps medical care: The Canadian Humanitarian Medical Mission to Ukraine (Feb 10-17,2012) The Ukrainian Women's Organizations of Toronto, St Vladimir's Cathedral, Toronto Ontario, June 10, 2012.

Derzko C. Consent and Coersion: The Canadian Humanitarian Medical Mission to Ukraine (Feb 10-17,2012). Ukrainian - Canadian Youth Organization, Toronto, Ontario, March 22, 2012.

Derzko C. COSBILD : The Canadian Humanitarian Medical Mission to Ukraine (Feb 10-17,2012). Toronto, Ontario, March 9, 2012.

Derzko C. The Fate of Yulia Tymoshenko – Is her life in danger? CBC, As it Happens. Toronto, Ontario, May 9, 2012.

Feig D. Diabetes: The ongoing nature of the problem and its impact on pregnancy. Pregnancy and Birth Conference, Toronto, Ontario, December 2011.

Feig D. Diabetic ketoacidosis in pregnancy. Medical Disorders of Pregnancy Annual Conference, Toronto, Ontario, November 25, 2011.

Feig D. Type 2 diabetes in pregnancy: New Challenges. Medical Grand Rounds, Toronto, Ontario, October 13, 2011.

Feig D. The CONCEPTT Trial: Continuous Glucose Monitoring in Women with Type 1 Diabetes in Pregnancy Trial. University of Toronto Diabetes in Pregnancy Study, University of Toronto, January 12, 2011.

Fyles A. Ontario Ride to Conquer Cancer Rider Recognition Event, Toronto, Ontario, September 2011.

Greenblatt E. Rethink breast cancer, Public presentation to young breast cancer survivors about fertility options and fertility preservation. Toronto, Ontario, January 29, 2012.

Greenblatt E. Fertility and Assisted Reproductive Technologies. Pregnancy and Obesity: A Challenge in Women's Health. Department of Obstetrics and Gynaecology, Mount Sinai Hospital/University of Toronto, Toronto, Ontario, November 11, 2011.

Greenblatt E. Effects of advancing age on fertility and ARTs . Expert interview with journalist Rachel Giese. Planned Parenthood. Flare Magazine, November 2011.

Kingdom J, Pittini R, Allen L. Promotions Workshop. Invited Speakers. Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, October 26, 2011.

Keunen J, Halpern R. Are the ACOG/SOGC Guidelines on Asphyxia misguided? Obstetrical Malpractice: a Survival Guide for 2012, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, January 8, 2012.

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

Keunen J. Overnutrition, malnutrition and pregnancy. Pregnancy and Obesity, A Challenge in Women's Health. Mount Sinai Hospital, University of Toronto, Toronto, Ontario, November 11, 2011.

Khalifa M. Endometrial intraepithelial neoplasia (EIN): From pathology to clinical practice. Obstetrics and Gynecology Grand Rounds, Sunnybrook Health Sciences Centre, Toronto, Ontario, February 24, 2012.

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, PAPP, etc.). 8th Annual Obstetrical Malpractice: A Survival Guide for 2012, Continuing Medical Education Seminars, Mount Sinai Hospital, Toronto, Ontario, January 2012.

Kingdom J. Delivery challenges in the obese gravida. Pregnancy and Obesity: A Challenge in Women's Health, Mount Sinai Hospital, Toronto, Ontario, November 2011.

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.

Kroft J. Obstetrics and Gynaecology in the Emergency Department. University Health Network Emergency Medicine Conference, Toronto, Ontario, November 2, 2011.

Kung R, Kives S, Liu G, Rosenthal D, Melchior M, Allen L. Hysterectomy trends in the GTA. Invited Speakers. MIS City Rounds, MIS Surgical Group, Toronto, Ontario, March 6, 2012.

Lee SK. CIHR address. Allergen 7th Annual Research Conference, Toronto, Ontario, January 2012.

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

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

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

Letarte M. La vie fascinante d'un chercheur en Sciences de la Sante. Dans le cours "Exploration des carrieres en SANTE – 2012. College Boreal, Toronto, Ontario, March 2, 2012.

Malinowski A, Sen J. Hyperreactio luteinalis in pregnancy. Obstetrical Medicine Rounds, Toronto, Ontario, March 22, 2012.

Malinowski A. Obstetrical Haemorrhage. Invited Speaker. Mount Sinai Hospital, Toronto, Ontario, November 25, 2011.

Maxwell C. Obesity: What to do and when? Evidence and Guidelines from SOGC, RCOG and ACOG. Pregnancy and Obesity: A Challenge in Women's Health Continuing Education Course, Toronto, Ontario, November 11, 2011.

Maxwell C. Managing gestational breast cancer: The Maternal-Fetal Medicine Perspective. Toronto Cancer 2011 Education Conference & Medical Exposition, Princess Margaret Hospital, University of Toronto, Toronto, Ontario, October 25, 2011.

Maxwell C, Buchman S, Newman A, Bothwell M, Guest S, Abella A. Interdisciplinary Complex Case Rounds. Toronto Cancer 2011 Education Conference & Medical Exposition, Princess Margaret Hospital, University of Toronto, Toronto, Ontario, October 25, 2011.

McDermott C. Managing patients with urinary incontinence. Invited Speaker. St. Michael's Hospital 3rd Women's Health Symposium, Toronto, Ontario, February 3, 2012.

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 colpoperineopexy. Urogynaecology Division Rounds, Mount Sinai Hospital, Toronto, Ontario, September 21, 2011.

McDermott C. Research tips and tricks: How to succeed. University of Toronto, Toronto, Ontario, August 15, 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. Teaching in the clinical setting, Trillium Health Centre, Department of Obstetrics and Gynecology; Toronto, Ontario, December 15, 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. HIV-tamed but not beaten. Gynae Travellers of Great Britain and Ireland, Toronto, Ontario, May 13, 2012.

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. Hepatitis B in pregnancy. Toronto Western Hospital, Toronto, Ontario, OB Skills Day for Family Practice Residents. January 25, 2012.

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

Murphy K. Double Trouble: Management of Multiple Gestations. Lecture for Genetic Counseling Students. Hospital for Sick Children Genetics Department, Toronto, Ontario, October 2011.

Murphy K. Planning your research project. U of T Maternal Fetal Medicine Fellowship Program, Toronto, Ontario, September 16, 2011.

Narod S. Prevention of cancer using medications. Latest Updates in BRCA1 and BRCA2: A Biannual Conference on Hereditary Breast and Ovarian Cancer, Toronto, Ontario, May 11, 2012.

Narod S. Chemotherapy for the treatment of BRCA-associated breast cancer. Latest Updates in BRCA1 and BRCA2: A Biannual Conference on Hereditary Breast and Ovarian Cancer, Toronto, Ontario, Canada, May 11, 2012.

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

Narod S. Association of Volunteers WCH Annual General Meeting, Toronto, Ontario, April 23, 2012.

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

Narod S. Genetic testing in the Jewish population: Are we doing enough? Darchei Noam Synagogue, Toronto, Ontario, February 26, 2012.

Narod S. Update on hereditary breast cancer. Women's College, Toronto, Ontario, October 28, 2011.

Pairaudeau N. Diagnosis and management of uterine rupture. More OB. Toronto, Ontario, 2011.

Pairaudeau N. Management of twins, Toronto, Ontario, 2012.

Pairaudeau N. Vasa previa diagnosis and management, Toronto, Ontario, 2012.

Pittini R, Kingdom J, Allen L. Preparing for Promotion. Invited Speaker. Faculty Development Day, Department of Obstetrics & Gynaecology, University of Toronto. Toronto, Ontario, October 27, 2011.

Rogers IM. Umbilical cord blood use. MD Private Investment Council, Toronto, Ontario, June 7, 2012.

Rogers IM. Treatment of Type 1 Diabetes. Legacy Giving Foundation, Toronto, Ontario, May 8, 2012.

Rogers IM. Stem cell-based treatment for peripheral vascular disease. MaRS Showcase, Toronto, Ontario, May 4, 2012.

Rogers IM. Umbilical cord blood cells for cellular therapy. Perinatal Rounds, Orillia, Ontario, April 2, 2012.

Rogers IM. Adult versus embryonic stem cells. Stem Cell Talks, Toronto, Ontario, March 9, 2012.

Rogers IM. Stem Cells. Dinner with Scientists, Toronto, Ontario, March 6, 2012.

Rogers IM. Invited Speaker. Blood, sweat, and iPS: the battle of the stem cells. Ontario Stem Cell Initiative Rounds, Toronto, Ontario, October 5, 2011.

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. Misses and Near Misses in Labour and Delivery 2005 – 2010. University of Toronto and Mount Sinai Hospital Dept Ob/Gyn, Obstetric Malpractice: A Survival Guide for 2011, Toronto, Ontario, January 28, 2012.

Seaward PGR Multifetal pregnancy reductions. Genetics Lecture, MFM and Genetics Noon Rounds, Toronto, Ontario, January 16, 2012.

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

Seaward PGR Hypertensive emergencies in pregnancy. Ornge Transport Physicians, Mississauga, Ontario, November 29, 2011.

Sharma P. Evaluation of the Infertile Couple. Women's Health Lecture Series. Yearly Lecture to Family Doctors, Toronto, Ontario, 2011-2012.

Sharma P. Family Doctor Lecture Series on "Workup of the Infertile Couple." Quarterly lectures, Toronto, Ontario, 2008-present.

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

Shapiro H. Controversial issues related to infertility. Gyne Review Day. Toronto, Ontario, October 28, 2011.

Shapiro H. Reproductive Failure – Infertility. Genetics Lecture. Toronto, Ontario, October 24, 2011.

Spitzer R. Contraception for complex adolescent patients. Kaufman M, Spitzer R. Sick Kids Rheumatology Fellow Rounds, Hospital for Sick Children, Toronto, Ontario, January 25, 2012.

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.

Steinberg W. Women's Health Update. Medcan Nurses CME, Toronto, Ontario, March 31, 2012.

Steinberg W. Day of Boomer Health for GPs. Getting the vaginal atrophy conversation started: How can the clinician inspire confidence? Mississauga, Ontario June 15, 2012.

Stirk L. Alcohol and pregnancy. Maternal Morbidity Rounds: North York General Hospital, Toronto, Ontario, March 2012.

Toi A. Prenatal diagnosis of craniofacial anomalies. 20th Annual Symposium. New Developments in Prenatal Diagnosis and Medical Genetics. University of Toronto, Toronto, Ontario, May 16, 2012.

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

Toi A. Fetal Brain Imaging. Maternal Fetal Medicine Academic Half Day Seminar. University of Toronto, Toronto, Ontario, April 20, 2012.

Toi A. Dating early pregnancy: Pitfalls and common mistakes. University of Toronto, Department of Obstetrics & Gynecology and Medical Imaging, 15th Annual Women's Imaging: Advances in Gynecological Imaging and First Trimester Ultrasound. Toronto, Ontario, February 24, 2012.

Toi A. 18-20 week obstetrical scan. Provincial Web Lecture. Cardiology Department, Hospital for Sick Children, Toronto, Ontario, February 16, 2012.

VanVliet M, Hartery Angus, Ghai S, **Toi A**, Menezes RJ, Hartery Andrew. HGPIN as predictive factor of prostate cancer detection and role in repeat biopsy strategy. Radiology Research Day, University of Toronto, Toronto, Ontario, April 2012.

Venkataraman 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.

Windrim R. Pearls and pitfalls in first trimester screening. 17th Annual Sheila Cohen Lecture and Clinic Day, North York General Hospital, Toronto, Ontario, May 15, 2012.

Wolfman W. An update on HRT. St. Joseph's Hospital. Toronto, Ontario, Obstetrics and Gynaecology Rounds, May 25, 2012.

Wolfman W. Update on menopause. Toronto East General Hospital. Toronto, Ontario, April 18, 2012.

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

Wolfman W. Nuts and bolts of everything hormonal. Gyne Review Day. Mount Sinai Hospital, Department of Obstetrics and Gynaecology, University of Toronto. Toronto, Ontario, October 28, 2011.

Wolfman W. An update on menopause. Endocrinology Rounds. Princess Margaret Hospital. Toronto, Ontario, October 18, 2011.

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 Health 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.

Yudin M. Recurrent herpes. 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.

Yudin M. The Positive Pregnancy Programme (P3): Pregnancy care for HIV-positive women at St. Michael's Hospital. Grand Rounds. St. Michael's Hospital Department of Obstetrics and Gynaecology, St. Michael's Hospital, Toronto, Ontario, January 27, 2012.

Yudin M. Innovations in antenatal care for HIV+ women: The Positive Pregnancy Programme. St. Michael's Hospital HIV Rounds. St. Michael's Hospital, Toronto, Ontario, January 24, 2012.

Yudin M. Interdisciplinary HIV Pregnancy Research Group (IHPREG): Research with a focus on the health of HIV-positive women during preconception, pregnancy, and motherhood. St. Michael's Hospital Clinical and Population Research Rounds. St. Michael's Hospital, Toronto, Ontario, December 1, 2011.



ORAL AND POSTER PRESENTATIONS

National and International Meetings

Al Maawali A, Yoon G, Halliday W, Clarke JTR, Feigenbaum A, Banwell B, **Chitayat D**, Blaser S. Hypertrophy of the clava, a new MRI sign in patients with PLA2G6 mutations. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Amyere M, Greenberger S, **Chitayat D**, Pras E, **Chong K**, Uster T, Teznik-Wold H, Marek-Yagel D, Boon L, Vikkula M. Exclusion of known lymphedema genes in two families with severe congenital lymphedema. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Ardelean D, Jerkic M, Peter M, **Letarte M**. Anti-VEGF therapy attenuates dysregulated angiogenesis in endoglin and Alk1 heterozygous mouse models of hereditary hemorrhagic telangiectasia. NAVBO 2011 Workshop in Vascular Biology. Cape Cod, Massachusetts, USA, October 16-20, 2011.

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.

Babwah J, **Khalifa MA**, Rowsell C Analysis of addendum reports in anatomic pathology as a quality improvement initiative. Poster. 2012 USCAP Annual Meeting, Vancouver, British Columbia, Canada, March 17 -23, 2012.

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.

Basil K, Mirea L, Shah P, **Lee SK**. Temporal trends of congenital anomalies in infants admitted to Canadian NICUs, 2005-2008. (CCASN) Scientific Meeting, Ottawa, Ontario, Canada, November 16-18, 2011.

Baud D, **Keunen J**, **Seaward G**, Van Mieghem T, **Windrim R**, **Ryan G**. Fetoscopic laser surgery for twin-to-twin transfusion syndrome before 17 weeks and after 26 weeks of gestation. International Society of Ultrasound in Obstetrics and Gynecology, 22nd World Congress, Copenhagen, Denmark, April 2012.

Baud D, **Keunen J**, **Seaward G**, **Windrim R**, **Ryan G**. Validity of referral diagnoses in twin-to-twin transfusion syndrome. International Society of Ultrasound in Obstetrics and Gynecology, 22nd World Congress, Copenhagen, Denmark, April 2012.

Baud D, **Keunen J**, van Enter B, Van Mieghem T, **Windrim R**, Bandeira Margarido C, **Ryan G**. Maternal hematologic changes following treatment by laser coagulation of placental vascular anastomoses. International Society of Ultrasound in Obstetrics and Gynecology, 22nd World Congress, Copenhagen, Denmark, April 2012.

Berger H, Hasan L, De Souza L, Lebovic G. Canadian women's attitudes towards noninvasive prenatal testing of fetal DNA in maternal plasma. SMFM Annual Meeting, Dallas, Texas, USA, February 11, 2012.

Berger H, Hasan L, De Souza L, Lebovic G. Women do not always agree with their partners: Gestational diabetes risk perception and acceptability. 4th Asia Pacific Congress on Controversies in Obstetrics, Gynecology and Infertility, Bangkok, Thailand, November 25, 2011.

Bernardini M, **Gien L**, **Ferguson S**, Cybulska P, Louie K, Storness-Bliss C, Ho T, Atenafu E, McAlpine J. CHREC-A Canadian High Risk Endometrial Cancer Consortium. Society of Gynecologic Oncology, Austin, Texas, USA. March 24, 2012.

Bentov Y, **Esfandiari N**, **Casper RF**. What is the major estrogen binding protein in the follicular fluid? ASRM 67th Annual Meeting, Orlando, Florida, USA, October 2011.

Bentov Y, Kenigsberg S, **Casper RF**. A novel LH/HCG receptor mutation. CFAS meeting, Toronto, Ontario, September 9, 2011.

Best C, **Drutz H**, **Alarab M**. Obstetrical anal sphincter injuries: A survey of clinical practice among Canadian obstetricians. NeuroUrology and Urodynamics, ICS Glasgow, UK, September 2, 2011.

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

Caccia N, Posner G, Pylypjuk C, Ford M, Menezes AI, Nadeau B & Kent N. Creation of a database of innovative teaching and learning. Techniques for use in Canadian Obstetrics and Gynaecology Programs. APOG AGM, Toronto, Ontario, Canada, December 2011.

Caccia N, VanWagner V. A curriculum to teach management of obstetrical 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.

Chan C, Virtanen C, Winegarden N, **Colgan T**, **Brown TJ**. A minimally invasive look into the window of implantation: Identification of candidate biomarkers of endometrial receptivity by transcriptomic analysis of uterine fluid. American Society of Reproductive Medicine, Orlando, Florida, USA, October 2011.

Chan C, **Brown T**, Virtanen C, Winegarden N, **Colgan T**, **Greenblatt E**. Development of a novel minimally-invasive technique of uterine fluid aspiration to identify transcriptomic signatures and candidate biomarkers of endometrial receptivity. Canadian Fertility and Andrology Society's 58th Annual Meeting, 58th Annual Meeting of the Canadian Fertility and Andrology Society, Toronto, Ontario, Canada, September 21-24, 2011.

Chitayat D, Gardiner K, Chofani S, Shuman S, Blaser S, Terespolsky D, Ray P, Baskin B, **Weksberg R**. Brain abnormalities in individuals with Beckwith-Wiedemann Syndrome. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Chong K, Jessen J, **Fong K**, **Keating S**, Shannon P. Prenatal ultrasound and autopsy findings in Costello Syndrome. Poster. The American Society of Human Genetics 61st Annual Meeting, Montreal, Quebec, Canada, October 11, 2011.

Chow T, Whiteley J, **Rogers I**. Trophoblast mediated transfer of MHC class I proteins between donor and recipient cells during bone marrow transplantation increases donor cell survival and engraftment. World Cord Blood Congress, Rome Italy, October 27-29, 2011.

Chow T, Whiteley J, **Rogers I**. Trophoblast improves donor cell survival and engraftment in bone marrow transplantation. Stem Cell Network's 11th Annual Scientific Meeting, Montreal Quebec, April 30 - May 2, 2012.

Chung BHY, Hinek A, Shannon P, **Keating S**, **Weksberg R**, Shah V, Blaser S, Hawkins C, **Chitayat D**. Overgrowth with increased proliferation of fibroblast and matrix metalloproteinase activity related to reduced TIMP1: A new syndrome? Oral. 2nd Annual David W. Smith Workshop on Malformations and Morphogenesis, Hong Kong, September 9, 2011.

Claessens A. Exogenous androgens can improve pregnancy and take-home baby rates in women over 40 yr. Fact or Fiction? Canadian Fertility and Andrology Society, Toronto, Ontario, September 22, 2011.

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.

Cole N, Soussi ME, **Carvalho JCA**, **Kingdom J**, Balki M. Carbetocin vs oxytocin: In vitro human myometrial contractions after oxytocin pre-treatment. 44th Annual Meeting of the Society for Obstetrics Anesthesia and Perinatology, Monterey, California, USA, May 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.

Dalvi PS, Erbiceanu FD, Irwin DM, **Belsham DD**. Proglucagon gene expression is regulated by insulin, leptin and cAMP in mouse embryonic and adult hypothalamic neuronal cells. 94th Annual Meeting of the Endocrine Society, Houston, Texas, USA, June, 2012.

Dalvi PS, **Belsham DD**. The effect of exendin-4 on appetite-regulating neuropeptides in the mouse hypothalamus. 14th CDA/CSEM Professional Conference and Annual Meetings, Toronto, Ontario, Canada, October, 2011.

DeMatteo R, Kenna K, Hardin R, Walker D, **Bocking AD**, Brien J. Does daily ethanol exposure during late gestation alter liver development? Fetal and Neonatal Physiological Society, Palm Cove, Australia. July 2011.

Dong X, Liu L, Xie N, **Challis J**, **Lye S**. Improving women's health through personalized medicine. SGI 2012 Annual Scientific Meeting, San Diego, California, USA, March 21-24, 2012.

Douglas SL, De Souza LR, **Yudin MH**. Identification of factors that influence full disclosure during a gynaecology appointment. Society of Obstetricians and Gynaecologists of Canada (SOGC) 68th Annual Meeting. Ottawa, Ontario, Canada, June 20-24, 2012.

Drewlo S, McCarthy F, Levytska K, Kenny L, **Kingdom J**. The PPAR- γ agonist rosiglitazone reverses sFLT1 hyper-secretion from first trimester placental villi in GCM1-dependent manner. 59th Annual Meeting of the Society of Gynaecologic Investigation, San Diego, California, USA, March 2012.

D'Souza N, Parmar N, Shuman C, **Chitayat D**, Hewson S, Amaria K, Kirby-Allen M. Challenges in health education for sickle cell disease: Genetic information needs of adolescent hemoglobinopathy patients. Poster. Sickle Cell Disease Association of America, 39th Annual Convention, Memphis, Tennessee, USA, September 27, 2011.

Dunn S, Rossiter L, Barnes E, Ferne J, **Shier M**. Evaluation of a diagnostic colposcopy service for underserved women with pap smear abnormalities. Canadian Cancer Research Conference, Toronto, Ontario, November 27-30, 2011.

Eiriksson L, Kaur H, Ismiil N, **Covens A**, Saad R, **Khalifa M**, Nofech Mozes S, Dube V, Ghorab Z, Barbera L. Risk of Recurrence in Stage III, High Grade Endometrial Cancer by Primary Tumour Factors and Treatment Received. 14th Biennial Meeting of the International Gynecologic Cancer Society. Vancouver, British Columbia, June 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.

Feigenberg T, **Covens A**, Nofech-Mozes S. Is routine appendectomy at the time of primary surgery for mucinous ovarian tumors helpful? Society of Gynecologic Oncology 43rd Annual Meeting on Womens Cancer, Austin, Texas, USA, March 24-27, 2012.

Ferguson SE, Clarke B, Mojtahed G, **Oza AM**, Gallinger S, Pollett A, Mackay H, **Bernardini M**, Aronson M. Brief family history questionnaire for identification of Lynch Syndrome in women with newly diagnosed endometrial cancer. ASCO, Chicago, Illinois, USA, June 2, 2012.

Frasch M, Duchatellier Hamrahi CH, **Bocking AD**, Richardson B. Effects of acute hypoxic-acidemia on Electrocorticogram (ECoG) state activity in fetal sheep: Contributions of Hypoxic Pre-Conditioning (HPC). Society for Gynaecological Investigation, San Diego, California, USA, March 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.

Ghamami N, Peter M, **Letarte M**. Analysis of B cell subsets in Eng $+/+$ and Eng $+/-$ mice subjected to an experimental colitis model. 2011 SickKids Summer Research Program. Toronto, Ontario, Canada, July 14, 2011.

Gien LT, Bernardini MQ, Kupets R, Mitra S, Covens A. Is preoperative routine imaging useful for decision making in early stage cervix cancer? Society of Gynecologic Oncology 43rd Annual Meeting on Womens Cancer, Austin, Texas, USA, March 24-27, 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.

Gray A, Henshaw C, Wright J, Leah J, **Spitzer RF**, Omonge E, Chemwolo B. Effect of EMR implementation on patient and staff satisfaction and chart completeness in a resource-limited antenatal clinic in Kenya. Bethune Roundtable on International Surgical Education. Toronto, Ontario, Oral. May 25, 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. 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.

Greco J, Fick LJ, **Belsham DD.** The fatty acid palmitate disrupts normal circadian clock gene transcription in hypothalamic neurons. 14th CSEM/CDA Professional Conference and Annual Meetings, Toronto, Ontario, Canada, October, 2011.

Greutmann M, Tobler D, Kovacs AH, Ivanov J, Haile SR, Gruetmann-Yantiri M, Oechslin EN, Silversides CK, Williams WG, **Colman JM.** The fate of complex congenital heart disease: Prediction of mortality in adulthood. Poster presentation, European Society of Cardiology Congress. Paris, France, August 26-31, 2011.

Guerin A, Babul-Hirji R, Al-Zaidy S, Donner E, Shago M, **Chitayat D.** De novo 5q14.3 deletion in a child with developmental delay, microcephaly, venous malformation and seizures. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Hackmon R, **Librach C**, Matok I, Cho I, Rodrigues N, **Ray J, Farine D, Berger H.** Can first-trimester CRL and BPD at time of nuchal translucency predict term birth-weight? ISUOG, Los Angeles, California, USA, September 2011.

Halperin I, **Wolfman W**, Spontaneous pregnancy after chemotherapy induced acute ovarian failure. Society of Canadian Endocrinology and Metabolism, Montreal, Quebec, Canada. October 2011.

Hashemi B, Siriwardena K, Jain S, Moharir M, Bar-Yousef O, Ali A, **Chitayat D**. New syndrome? Situs inversus totalis and infantile spasm and generalized hypotonia with severe global developmental delay. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

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.

Jang JJ, Chalmers JA, **Belsham DD**. Glucose-Sensing Mechanisms involved in the downregulation of AgRP gene expression using immortalized hypothalamic glucose-inhibitory cell models. 94th Annual Meeting of the Endocrine Society, Houston, Texas, USA, June, 2012.

Jefferies A, Qiu X, Chiu A, Macartney J, Osioviich H, Simmons B, **Lee S**. Impact of an International Training Program in Neonatal-Perinatal Medicine in Shanghai. China Chamber of Commerce, 2011.

Jimenez J L, Ley-Zaporozhan J, Moshonov H, Wintersperger BJ, Crean AM, Ley S, Nguyen E, Paul NS, Krieger E, Valente A, Silversides C, **Colman JM**, Wald RM, Siu S. Aortic dimensions on cardiovascular magnetic resonance imaging relate to pregnancy outcomes in women with coarctation of the aorta: A multicenter study. Society of Cardiovascular Magnetic Resonance (SCMR) 2012 Scientific Sessions. Orlando Florida, USA, February 2012.

Kapur NK, Wilson S, Yunis AA, Baker C., Aronovitz MJ., Lu Q, **Letarte M**, Karas RH, Kass DA, Mendelsohn ME. Opposing roles for endoglin and soluble endoglin in cardiac remodeling and heart failure. Basic Cardiovascular Sciences 2011 Scientific Sessions: From Concept to Clinic – Leading Translational Cardiovascular Science. New Orleans, Louisiana, USA. July 18-21, 2011.

Kaur H, Eiriksson L, Ismiil N, Ghorab Z, Barbera L, **Covens A**, Nofech-Mozes S, Saad R, Dubé V, **Khalifa M**. Prognostic significance of primary tumour factors in Stage III high grade endometrial cancer. United States and Canadian Academy of Pathology's 101st Annual Meeting, Vancouver, British Columbia, March 2012.

Kirkham Y, **Allen L**, **Kives S**, **Caccia N**, **Spitzer R**, Aggarwal A, **Ornstein M**. Trends in menstrual concerns and suppression in adolescents with cognitive & physical challenges. Oral Presentation. 26th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynaecology (NASPAG), Florida, USA, April 2012.

Kollara A, Shathasivam P, **Brown TJ**. Modulation of androgen receptor (AR) signaling by ventricular zone-expressed PH domain-containing protein homolog 1 (Veph1) in ovarian cancer cells. 40th Annual Southern Ontario Reproductive Biology Workshop, University of Guelph, Guelph, Ontario, Canada, April 27, 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.

Kroft J, Ordon M, **Arthur R, Pittini R**. Does Surgical “Warming-up” Improve Operative Performance? American Association of Gynecologic Laparoscopists, Hollywood, Florida, USA, November 2011.

Kufaishi H, Shynlova O, **Drutz H, Lye S, Alarab M**. Procollagen N proteinase expression in vaginal tissue of women with and with out pelvic organ prolapse. SGI Annual Scientific Meeting, San Diego, California, USA, March 9, 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.

Lacchetti C, Dodge J, **Covens A**, Elit L, Le T, Debries-Aboud M, Fung Kee Fung M, and the Gynecology Cancer Disease Site Group. Management of a suspicious adnexal mass: A Clinical Practice Guideline. Canadian Cancer Research Conference, Toronto, Ontario, November 27-30, 2011.

Lau A, Kollara A, St. John E, Tone A, **Greenblatt EM**, King A, **Brown TJ**. Characterization of bovine oviductal epithelium cells in culture and inflammatory response to follicular fluid exposure. 40th Annual Southern Ontario Reproductive Biology Workshop, University of Guelph, Guelph, Ontario, Canada, April 27, 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.

Martin N, Taylor G, Whittington P, Melin-Aldana H, Lachman RS, Wilcox WR, **Toi A, Windrim R, Chitayat D, Chong K**. Prenatal onset of neonatal hemochromatosis and infantile cortical hyperostosis: A possible mechanism for disease association. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

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.

McDermott C, Terry C, Mattar S, Hale D. Pelvic floor symptoms before and after bariatric surgery. Poster. 41st Annual Meeting of the International Continence Society, Glasgow, Scotland, United Kingdom. August 29, 2011.

McFadden SA, Chalmers JA, Jang JJ, **Belsham DD**. Glucose sensing in mHypoAGnRH/GFP immortalized hypothalamic neurons. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.

McFadden SA, Dhillon SS, Chalmers JA, **Belsham DD**. Characterization of an immortalized GnRH-GFP neuronal cell line FAC-sorted from adult-derived GnRH-GFP mouse primary culture. 14th CSEM/CDA Professional Conference and Annual Meetings, Toronto, Ontario, Canada, October, 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.

Mendoza-Londono R, **Chitayat D**, Kahr W, Hinek A, Blaser S, Dupuis L, Goh E, Howard A, Mittaz L, Superti-Furga A, Unger S, Nishimura G, Bonafe L. Expanding the Phenotype of the Novel Ehlers-Danlos caused by mutations in the CHST14 gene. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Mills K, Velasco M, **Wolfman W**. Menopausal symptoms by age and therapy type, premature ovarian failure. North American Menopause Society. Washington, DC, USA, September 21, 2011.

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

Miroschnichenko G, **Covens A**, Snelgrove J, Ismiil N, Nofech Mozes S, Dube V, **Khalifa M**, Ghorab Z. R. Radical vaginal trachelectomy-fertility outcomes and significance of the lower uterine segment presence in the superior margin of the pathologic specimen. Annual Clinical Meeting of the Society of Gynecologic Oncology of Canada. Ottawa, Ontario, Canada, June 2012.

Miroschnichenko G, **Kupets R**, **Covens A**. Relationship of MRI tests and referral of malignant adnexal masses to gynecologic oncologists for surgery. Annual Clinical Meeting of the Society of Gynecologic Oncology of Canada. Ottawa, Ontario, Canada, June 2012.

Mohan U, **Keating S, Chitayat D, Toi A, Chong K**, Tomlinson G, **Glanc P**. Distribution of fetal skeletal dysplasias in a tertiary care centre: Genetic, pathologic, and radiological findings in 91 cases. Oral. 97th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, USA, November 28, 2011.

Mohan U, **Keating S, Chitayat D, Toi A, Chong K**, Tomlinson G, **Glanc P**. Distribution of fetal skeletal dysplasias in a tertiary care centre: Genetic, pathologic, and radiological findings in 91 cases. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Moretti M, Koren G, Ito S, **Berger H**, Ungar WJ. A cost effectiveness analysis of maternal genotyping to guide treatment for postpartum pain and avert infant adverse events: A decision analysis. International Health Economics Association, Toronto, Ontario, Canada, July 11, 2011.

Mwangi WW, M'imunya JM, Kiarie 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.

Myles-Reid D, Nield L, Shannon P, Teitelbaum R, Thompson M, **Chitayat D**. A complex cardiac abnormality associated with deletion of the NOTCH1 gene. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Murphy K, Willan A, **Hannah M**, **Ohlsson A**, Kelly E, Matthews S, Saigal S, **Asztalos E**, Ross S, Delisle M-F, Amankwah K, Guselle P, Gafni A, **Lee S**, Armson A. Do antenatal corticosteroids reduce fetal growth or gestational age at births? A secondary analysis from the multiple courses of antenatal corticosteroids for preterm birth study (MACS). 32nd Annual Meeting Society for Maternal-Fetal Medicine, Dallas, Texas, USA, February 6, 2012.

Nafisi H, Ghorab Z, Ismiil N, Saad R, Dube V, **Khalifa MA**, Nofech-Mozes S. P16 expression in early Mullerian serous carcinogenesis. Poster. 2012 USCAP Annual Meeting, Vancouver, British Columbia, Canada, March 17 -23, 2012.

Napier MP, Sutherland JE, Day MA, Hayeem RZ, **Chitayat D**. How do young adults with Leber congenital amaurosis perceive gene therapy? Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Nazarians-Armavil A, **Belsham DD**. Effects of insulin resistance on hypothalamic leptin regulation of pro-opiomelanocortin-expressing neurons. 14th CSEM/CDA Professional Conference and Annual Meetings, Toronto, Ontario, Canada, October, 2011.

Nazarians-Armavil A, **Belsham DD**. Effects of insulin resistance on 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.

Nazarians-Armavil A, **Belsham DD**. Effects of insulin resistance on leptin modulation of hypothalamic neurons. 32nd Annual Meeting of the Southern Ontario Neuroscience Association, Toronto, Ontario, Canada, April, 2012.

Nulman I, Barrera M, **Maxwell C**, Koren G. Pregnancy outcome and child neurodevelopment following in utero exposure to maternal cancer. 25th International Conference of the Organization of Teratology Information Specialists, Baltimore, Maryland, USA, June 26, 2012.

O'Brien K, Bracht M, Donnell KM, **Lee SK**. A pilot study of Family Integrated Care in the NICU. MOHLTC Health Research Showcase 2011, Toronto, Ontario, Canada, December 2011.

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.

Pakenham S, Ng E, Green J, Scattolon S, **Barrett J**, **Nevo O**. Clinical course and outcome of preterm premature rupture of the membranes (PPROM) in twin pregnancy: Comparison between PPRM in Twin A and B. SOGC Annual Clinical Meeting, Ottawa, Ontario, June 20-24, 2012.

Parlea L, Bromberg IL, **Feig DS**, Vieth R, Merman E, Lipscombe LL. Association between serum 25-hydroxyvitamin D in early pregnancy and risk of gestational diabetes mellitus. Oral. Diabetic Pregnancy Study Group EASD, Cambridge, United Kingdom, September 2011.

Peter M, Jerkic M, Ghamami N, Ardelean D, Sotov V, **Letarte M**. The potential role of endoglin in modulating immune mediators of inflammatory bowel disease. 25th Annual Canadian Society for Immunology Conference. St. John's, Newfoundland. June 15-18, 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.

Porat S, **Maxwell C**, **Sermer S**, **Farine D**. The degree of obesity effect on labor outcome following induction. 32nd Annual Meeting - The Pregnancy Meeting, Society for Maternal-Fetal Medicine 2012, Dallas, Texas, USA, February 6-11, 2012.

Radojewski L, Slater N, **Colman J**, Bradley T. Nursing and research working together. International Association of Clinical Research Nurses Annual Meeting, November 2011.

Roifman M, **Chitayat D**, Teitelbaum R, **Murphy JE**, Wang K, He N, Morel CF, Pei Y. A rare case of trans-heterozygous autosomal dominant polycystic kidney disease with bilineal inheritance of PKD1 and PKD2 mutations. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Rosen B, **Dodge J**, Giede C, **Jimenez W**, Cibulka W, Sinasac S, **Bernardini M**, McAlpine J, Finlayson S, Miller D, Elkanah O, Itsura P, Elit P. Implementation of oncology surgery in Western Kenya. Society of Pelvic Surgeons, Toronto, Ontario, September 2011.

Rosenthal D. Laparoscopic trachelectomy using the colpo-probe vaginal fornix delineator. Video presentation. 40th Global Congress of Minimally Invasive Gynecology, Hollywood, Florida, USA, November 6-12, 2011.

Shanmugam M, Wen H, Jaeggi ET, **Chitayat D**, Taylor G, Xie LH, Babu GJ.. Identification of a novel somatic mutation in sarcolipin gene in human fetal atrial standstill. Poster. American Heart Association, Annual Scientific Meeting Orlando, Florida, USA, November 13, 2011.

Shathasivam P, Kollara A, Wrana J, **Brown TJ** VEPH1 prevents SMAD2 dissociation from TbetaR-I to inhibit canonical SMAD2-dependent TGF-beta signaling. FASEB Summer Research Conference, Lucca, Italy, September 2011

Shathasivam P, Kollara A, Virtanen C, Wrana J, **Brown TJ**. VEPH1 Inhibits canonical TGF-beta signalling in ovarian cancer cells by impeding nuclear accumulation of SMAD2. 40th Annual Southern Ontario Reproductive Biology Workshop, University of Guelph, Guelph, Ontario, Canada, April 27, 2012.

Shier RM, McFaul S. New cervical screening guidelines, New IFCPC and ISSVD vulvar classifications. Westin Hotel Conference Centre, Aruba, February 28, 2012.

Siriwardena K, Guerin A, Blaser S, **Chitayat D**. 46, XY pure gonadal dysgenesis and pontocerebellar hypoplasia. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Sokkary N, Mansouri R, Yoost J, Focseneanu M, Dumont T, Nathwani M, **Allen L**, Hertweck P, Dietrich J. Knowledge about contraception among adolescents in an outpatient setting. Poster Presentation. 26th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynaecology (NASPAG), Miami, Florida, USA, April 2012.

Sotov V, Gregory A, Xu G, Li Z, Rini J, **Letarte M**. Soluble endoglin interferes with BMP9-induced endothelin-1 release and hypertension. Heart and Stroke/Richard Lewar Centre of Excellence in Cardiovascular Research. Toronto, Ontario April 19, 2012.

Spybey T, Shathasivam P, Kollara A, **Brown TJ**. Effects of Vephl on FoxO-regulated Cell viability and antioxidant defense in response to oxidative stress in epithelial ovarian cancer cells. 40th Annual Southern Ontario Reproductive Biology Workshop, University of Guelph, Guelph, Ontario, Canada, April 27, 2012.

Stavropoulos DJ, Kahr WH, Babul-Hirji, **Chitayat D**. Refinement of the Jacobsen syndrome critical region for thrombocytopenia by aCGH. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Stewart J, Bodenmiller B, Ailles L, **Shaw P**, Nolan G, Neel B. Organizing cellular and molecular heterogeneity in high-grade serous ovarian cancer. 6th Canadian Conference on Ovarian Cancer Research, Quebec City, Quebec, Canada, May 28, 2012.

Southgate KM, **Keunen JEGM**, Wolever TMS. The effect of a low gi diet on glucose-challenge-test results in women at risk for GDM. Canadian Diabetes Association, 2011 Conference, Toronto, Ontario, Canada. October 26, 2011.

Sukhai MA, Hurren R, Rutledge A, Livak B, Wang X, Seneviratne A, Cusimano M, Gebbia M, Skrtic M, Sun H, Gronda M, Spagnuolo P, Urbanus M, Eppert K, Dissanayake D, Li X, Sun T, Vizeacoumar F, Datti A, Ohashi P, Wrana J, **Rogers I**, Minden MD, Wang J, Dick J, Corey SJ, Nislow C, Gievers G, Schimmer A. Lysosomal disruption selectively targets leukemia cells and leukemia stem cells through a mechanism related to increased reactive oxygen species production. American Hematology Society Annual Meeting, San Diego, California, USA, December 2011.

Tam V, **Rogers I**, Chan D, Cheung K. Can stem cells home to the injured intervertebral disc via intravenous infusion? A murine model. World Forum for Spine Research 2012, Helsinki, Finland, June 18-21, 2012.

Tare M, Kenna KR, DeMatteo R, Coleman HA, Walker DW, **Bocking AD**, Brien J, Morley R, Harding R, Parkington HC. Exposure to alcohol during fetal life causes persistent changes in vascular function and passive mechanical arterial wall properties in the offspring. Australian Physiological Society, Perth, Australia, December 2011.

Tare M, Kenna K, DeMatteo R, Coleman HA, Walker DW, **Bocking AD**, Brien J, Morley R, Harding R, Parkington HC. Prenatal alcohol exposure causes persistent changes in vascular function and passive mechanical arterial wall properties in the offspring. Fetal and Neonatal Physiologic Society, Palm Cove, Australia, July 2011.

Teitelbaum R, Golding F, **Ryan G**, Myles-Reid D, Basran RK, Milunsky A, **Chitayat D**. A recurrent familial L410R mutation in the TSC2 gene associated with isolated cardiac rhabdomyomas. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Thériault BL, Pajovic S, Lim H, **Bernardin MQ**, Shaw PA, Gallie BL. KIF14 is a novel therapeutic target in ovarian cancer. AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics, San Francisco, California, United States. November 12, 2011.

Toi A, Yang RY, Moshonov S, Ghai S, O'Malley ME, Margolis M, Sreeharsha B, Freshner NE, Finelli A. Does the addition of apical injection of local anesthesia to basal injection diminish pain related to transrectal ultrasound guided biopsy? Poster. American Urological Association (AUA) Annual meeting, Atlanta, Georgia, USA, May 19, 2012.

Trottier M, Shuman S, Drmic I, Cytrynbaum C, **Weksberg R**, Miller F, Roberts W, Scherer S, **Chitayat D**. An exploration of families' motivation for participating in genetic research for autism. Poster. International Society for Autism Research Meeting, Toronto, Ontario, Canada, May 17, 2012.

Vincent A, **Chitayat D**, **Weksberg R**, Heon E. Expansion of phenotypic characteristics of NPHP5-related disease. Poster. American Society of Human Genetics/ICHG, 61st Annual ASHG Meeting/12th ICHG, Montreal, Quebec, Canada, October 11, 2011.

Wellhauser L, **Belsham DD**. Fatty acid sensing through GPR120 in hypothalamic neuronal cell lines. 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.

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.

Wertaschnigg D, Cavalle-Garrido T, **Chitayat D**, **Ryan G**, Chaturvedi R, Seed M, Golding F, van Arsdell G, Jaeggi E. Outcome after fetal diagnosis of hypoplastic left heart syndrome: The Toronto experience of 267 patients. Poster. Annual Meeting of the Association for European Pediatrics and Congenital Cardiology, Istanbul, Turkey, May 23, 2012.

Whiteley J, Bielecki R, Chua S, Li M, Stewart D, **Rogers I**. The use of umbilical cord blood cells in the treatment of peripheral vascular disease. Stem Cell Network's 11th Annual Scientific Meeting, Montreal Quebec, April 30 - May 2, 2012.

Wolfman W, Velasco M, Kelly C, Becker T. Characteristics of patients attending a dedicated Premature Ovarian Failure (POF) Clinic. North American Menopause Society, Washington, DC, USA, September 11, 2011.

Wolfman W, Velasco M, Kelly C, Becker T. Incidence of low bone density in patients presenting to a Premature Ovarian Failure Clinic. North American Menopause Society. Washington, DC, USA, September 11, 2011.

Wong J, Shah PS, Yoon W, Yee W, **Lee SK**, Dow K. Inotrope use among extremely preterm infants in Canadian NICUs: Variations and outcomes. PAS 2012, Boston, Massachusetts, USA, ril 28-May 1, 2012.

Wong J, Shah PS, Yoon W, Yee W, **Lee SK**, Dow K. Inotrope use among extremely preterm infants in Canadian NICUs: Variations and outcomes. 89th Canadian Paediatric Society Annual Conference 2012 (CPS 2012), London, Ontario, Canada , June 6-9, 2012.

Yang SW, Li W, **Challis JRG**, Kim SO, Reid G, **Bocking AD**. Effect of lactobacillus rhamnosus GR-1 on cytokines and chemokines in maternal plasma and amniotic fluid of pregnant CD-1 mice. Society for Gynaecological Investigation, San Diego, California, USA, March 2012.

Yudin MH, Mark S, Read S, Bitnun A, **Murphy KE**. HIV mother to child transmission, mode of delivery, and duration of rupture of membranes: Experience in the current era. Infectious Diseases Society for Obstetrics and Gynecology (IDSOG), Annual Scientific Meeting. Chicago, Illinois, USA, August 11-13, 2011.

Yudin MH, Money DM, Cheung M, Loutfy MR. Physician attitudes regarding pregnancy, adoption, pregnancy planning, and assisted reproductive technologies for HIV-positive men and women. Infectious Diseases Society for Obstetrics and Gynecology (IDSOG), Annual Scientific Meeting, Chicago, Illinois, USA, August 11-13, 2011.





Obstetrics & Gynaecology
UNIVERSITY OF TORONTO

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.

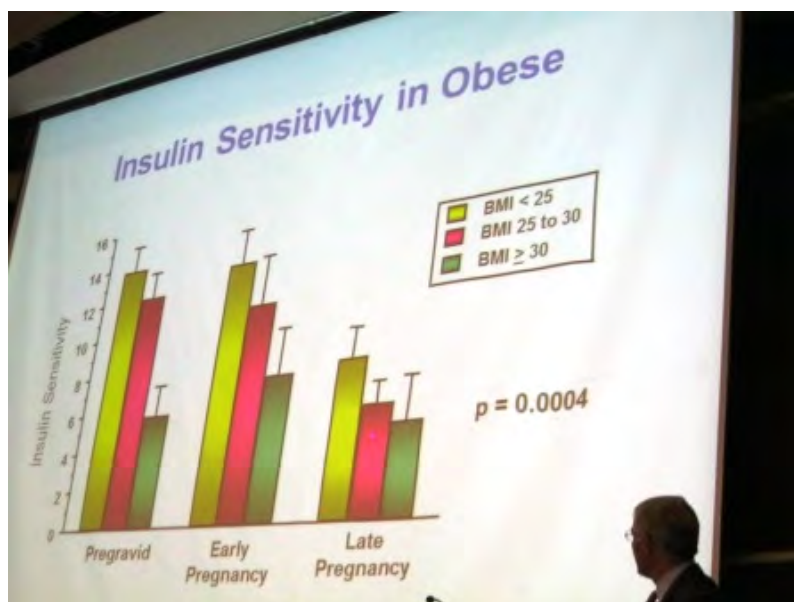
Patrick Catalano MD

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

Abdalmohsen 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 Aronson(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-1 β (IL-1 β)-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-B1 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

- P-B3 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
- P-B4 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.
- P-B5 GSK3 β 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.
- P-B6 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.
- P-C1 Dual Specificity Phosphatase 9 (DUSP9) Regulation in Severe Early Onset Preeclampsia 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.
- P-C2 Developing an *in vitro* Model of Kidney Differentiation as a Tool to Help Us Understand Kidney Developmental Defects**
Manpreet Sami [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 & Gynecology, 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), *Christe 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 Trophoblasts**
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. Moskvovtsev**(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 (TVT) and Transobturator 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****
- P-G3 **Can Fewer Eggs Make More Babies? Conversion of High-Response Gonadotropin Intrauterine Insemination Cycles as a Model for Mild Stimulation in Vitro Fertilization.****
Kaaajal 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), Russanthi 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 Health 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**
Gregory Handrigan[M](1), **Brenda Woods** (2), **Leke Badmos** (2), **Kellie Murphy**(3), **Melissa Tai** (2)
 (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.
- P-K2** **The Impact of the International Association of Diabetes and Pregnancy Study Groups (IADPSG) Diagnostic Thresholds for Gestational Diabetes Mellitus (GDM) on the Incidence of GDM in a Canadian Inner-City Multi-Ethnic Population.**
Karli Mayo [R](1), H Vandenberghe (2), R Kedar(3), **H Berger**(3).
 (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 Caniggia**(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:

Clinical Fellow: Kimberley Garbedian (Supervisor: **Kimberley Liu**). **The Impact of Vitamin D Status on Implantation and Clinical Pregnancy Rates Following In Vitro Fertilization.** Kimberley Garbedian, Miranda Boggild, Joel Moody, Kimberley Liu.

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

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

Alarab M (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.

Asztalos E, Murphy KE, Hannah ME, Ohlsson A, Delisle MF, Kelly E, Saigal S, **Matthews SG**, Amankwah A, **Lee SK**, Ross SJ, Rovet JF, Willan A, Gafni A, Guselle PJ, Sananes R (Co-Investigators). MACS-5 Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study: Five year follow-up. Canadian Institutes of Health Research, # MCT 78775, \$3,585,161, July 2005 – June 2012.

Asztalos E(PI). Enhancing Breast Milk Production with Domperidone in Mothers of Preterm Neonates (EMPOWER Trial). Canadian Institutes of Health Research, \$999, 454, 2011-2016.

Auger J, Baillargeon J-P, Beli (PIs); Carranza-Mamane B, **Greenblatt E**, Hivert M-F, Langlois M-F, Lavoie HB, Pesant M-H, Poder TG (CIs). Evaluation of clinical outcomes and costs of a transferable interdisciplinary lifestyle intervention pre-and per-pregnancy in obese infertile women. CIHR and Quebec Ministry of Health, Partnerships for Health System Improvement, FRN-114125. \$345,500, July 2011 – June 2012.

Azar R (PI), Bélanger M, Kelly Spurles, PL, Letourneau NL, **Sermer M**. Maternal prenatal negative mood & infant stress and immunity: Could increased inflammation during pregnancy be the linking mechanism? Operating grant. \$88,888, March 1, 2011 – February 29, 2012.

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

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.

Bernardini M (PI), Gien L, Ferguson S, Murphy J, Rosen B (CIs) A prospective study evaluating surgical and quality of life outcomes after robotic surgery, laparoscopy, and laparotomy in the management of uterine and cervix cancer. AHSC, AFP Innovation Fund, 2010-2011: \$91,910; 2011-2012: \$92,699, \$188,009 total, 2010 – 2012.

Bernardini M (Co-PI), Rouzbahman M, Haider M, Lindner U, Kucharczyk W. A Feasibility Study to Evaluate the Safety and Preliminary Effectiveness of Focal MR-Guided Focused Ultrasound Treatment of Low-risk, Early Stage 1 Low Volume Endometrial Cancer. Focused Ultrasound Surgery Foundation, \$99,900 May 2012 – May 2013.

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

Bernardini, Marcus. (Co-PI) Collaborators: Metser U, **Ferguson S.** Intra-operative lymph node evaluation using a hand held PET Gamma Probe in endometrial cancer surgery. Department of Obstetrics and Gynaecology, University of Toronto. \$5,000, July 2011 – June 2012.

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

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Brown TJ (PI). Novel functions of nuclear receptor coactivator 4 at the mitotic apparatus. Natural Sciences and Engineering Research Council of Canada (NSERC). \$50,000, April 2011 – March 2016.

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

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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.

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

Dennis, C-L E (PI), Fung, K, Gagnon, AJ, Grigoriadis S, Noh S, **Stewart DE** (CIs). New mothers in a new country: Understanding postpartum depression among recent immigrant and Canadian-born Chinese women, CIHR Operating Grant, \$469,691, 3 years 6 months, 2009 – 2013.

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.

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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.

El-Shawarby M (PI), **Khalifa M**, Tamimi D, Seth A. Molecular genetics of breast cancer in eastern province of Saudi Arabia: A Pilot Study. University of Dammam. 422,000 Saudi. February 2012 – February 2013.

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Flood C, **Lee S**, et al. Health Law, Ethics and Policy Training Program. Canadian Institutes of Health Research, \$3,412,500, 2002-2015.

Fyles A. Prospective cohort study evaluating risk of local recurrence following breast conserving surgery alone in low risk Luminal A breast cancer. Canadian Breast Cancer Foundation – Ontario Region Research Project/ Grant Program. \$444,752, 2012 – 2015.

Gien L, Barbera L, Fyles A, Covens A, Khalifa M, Thomas G, Elit L, Rakovitch E, Sutradhar R, **Raymond E** (local PI). Vulvar cancer: Patterns of care. CCSRI, \$353,000, 2010 – 2013.

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

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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.

Jarvi K (PI), Diamandis E, Finelli A, Fleshner N, Zlotta A (Co-applicants); Briollais L, Grober E, Ghai S, Lo K, Margolis M, Mullen B, O'Malley M, Tannenbaum D, **Toi A**, van der Kwast T (Collaborators). Semen proteomics to identify novel prostate cancer biomarkers. Canadian Cancer Society Research Institute (CCSRI, formerly known as NCIC), \$413,853, July 2010 – June 2013.

Jones JM, Howell DM (PIs); Buchman SH, Catton P, Earle CC, **Ferguson S**, Fitzgerald BJ, Gagliardi AR, Gospodarowicz M, Harrison MB, Jadad AR; Jusko Friedman A, Sharpe MB, Urowitz S, Warde PR, Wiljer DE (CIs). Transition to Survivorship: Translating knowledge into action for testicular and endometrial cancer populations. CIHR, Operating Grant, \$311,007 total; \$103,669 per annum, 2010 – 2013.

Jones R (PI), **Lye S**, Shynlova O. Identification of early triggers of decidual activation in preterm labour. Tommy's, The Baby Charity, Operating grant, \$298,391; \$99,464 per annum, November 1, 2008 – October 31, 2011.

Jurisica I, **Oza AM** (Principal Investigators), Colgan TJ, **Juriscova A**, Kislinger T (Co-Applicants). Diagnostic and prognostic biomarkers for epithelial ovarian cancer. Canadian Institutes of Health Research, Operating Grant, \$734,532 total, \$161,125 per annum, 2009 – 2013.

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

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

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

Juriscova 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.

Juriscova A. Mouse models of ovarian cancer. Grant Miller Research Foundation, \$20,000, 2008 – 2012.

Keely EJ (PI), **Feig DS**, Gagnon R, **Sermer M**. (CIs). Translating new evidence into practice for women with gestational diabetes. Canadian Institutes of Health Research, Meetings Planning & Dissemination Grant. \$9,500, July 2011 – June 2012.

Keunen J, Woleve T, Southgate K. The effect of a low glycemic index diet on blood sugar control in pregnancy women at risk for gestational diabetes. September 2009 – September 2011.

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

Kingdom J (PI), **Keating S** (CI). Placental response to heparin: Implications for the prevention of pre-eclampsia. Physicians' Services Inc., Ontario. \$169,000, April 2011 – March 2012.

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

Kingdom JCP (PI), **Keating S**, Cross J, Dunk C (Co-Applicants). Villous trophoblast turnover. Canadian Institutes of Health Research Award, \$593,799, Renewal, October 2010 – September 2014.

Kingdom J, Balki M, **Carvalho J**. Optimizing contractility in human myometrium using a combination of Uterotonic agents: An in-vitro approach to improving treatment options for primary-post partum hemorrhage. MSH Research Foundation, Department of Obstetrics & Gynaecology. \$5,000, July 2011 – June 2012.

Kislinger T (PI), **Bernardini M** (CI), Ailles L, McGill P, Clarke B. Glycoprotein biomarkers for ovarian cancer. Canadian Cancer Society Research Institute - Innovation Grant, \$200,000, May 2012 – May 2013.

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

Koren G (PI), **Chitayat D**, Ito S, Madadi P (CIs). The GeneMed Program. Division of Clinical Pharmacology and Toxicology, The Hospital for Sick Children. McLaughlin Centre Accelerator Grant Competition, \$60,000, 2011 – 2012.

Kotsopoulos J(PI), **Narod S**(CI). Risk factor analysis for familial breast cancer. Canadian Breast Cancer Foundation, Research Project Grant. \$447,312, July 2011 – June 2012, \$149,104, 2011 January 2011 – December 2013.

Lee KS, **Dunn M**, Jefferies A, Gibbins S, Doctor S. Improving safety in the insertion and care of Percutaneously Inserted Central Catheters (PICCs) and Umbilical Catheters (UCs) in 3 Neonatal Intensive Care Units (NICUs). Canadian Medical Protective Association, \$49,750, 2009 – 2011.

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.

Lee SK, Armson BA, Aziz K, Baker GR, Barrington K, Dendukur N, El-Hajj MO, Haywoos RS, Joseph KJ, Liston RM, Magee LA, **Ohlsson A**, Saigal S, Sauve RS, Shaw NT, Skarsgard ED, Steven BJ. CIHR Team in Maternal Infant Care – Translating Knowledge into Improved Care. Canadian Institutes of Health Research [Canadian Neonatal Network], \$4,902,460, 2008 – 2013.

Lee SK (PI), Armson BT, Khalid A, Baker GR, Barrington KJ, Dendukuri N, El-Hajj MO, Hayward RSA, Joseph KS, Liston RM, Magee LA, O'Campo P, **Ohlsson A**, Saigal S, Sauve RS, Shaw NT, Skarsgard ED, Stevens BJ (Co-Investigators). CIHR Team in Maternal Infant Care, \$1,727,068, October 1, 2008 – September 30, 2013.

Lee SK (Principal Investigator), **Ohlsson A**, Shaw N, Liston R, Armson A, Aziz K, Baker R, Saigal S, Skarsgard E, Hayward R, Dendukuri N, O'Campo P, Magee L, Sauve R, Stevens B, Joseph KS, Barrington K, El-Hajj M. CIHR Team in Maternal-Infant Care (MICare) grant, Canadian Institutes of Health Research, \$ 4,902,135 total, \$980,427 per annum + Equipment grant of \$22,000, 2008 – 2012.

Lee SK, James A, et al. Creating an innovative problem oriented documentation system to enhance clinical documentation for Level 3 NICUs. AHSC AFP, \$200,000, 2011 – 2013.

Lee SK, Shah V, et al. GentleR Study: a cluster randomized controlled trial. Lee S, AHSC AFP, \$200,000, 2011 – 2013.

Letarte, M. (P.I.) Soluble endoglin in endothelial cell function and hypertension associated with preeclampsia. Heart and Stroke Foundation of Canada, Operating grant, \$343,273, 2010 – 2013.

Librach CL, Kingdom JC (PIs). Prediction of preeclampsia using an HLA-G gene single nucleotide polymorphism (SNP). Canadian Institutes of Health Research, Operating Grant, \$266,337, September 2008 – August 2011.

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.

Lispcombe L (PI), Lowe J, **Feig D, Ray J**, Booth G, Evans M (CIs). Improving Postpartum Screening for Women with Previous Gestational Diabetes Mellitus. Academic Health Sciences Centres, Alternative Funding Plans Innovation Funds. \$29,516, July 2011-June 2012.

Liu F (PI) **Fyles A**, Bezjak A, Bristow R, Catton P, Gospodarowicz M, Jurisica I, Jaffray D, Kelly S, Wong S, Wouters B (Co-Applicants). Research Excellence in Radiation Medicine for the 21st Century. Canadian Institutes of Health Research and Cancer Care Ontario Strategic Training Program Grant 200301STP Competition. \$1,950, 000, 2009 – 2015.

Loutfy M (PI), Interdisciplinary HIV Pregnancy Research Group (**Shapiro H**). Care and research to optimize HIV-positive women's health during preconception, pregnancy and motherhood. CIHR, \$300,000, July 2011 – June 2014.

Loutfy MR, De Pokomandy A, Hogg RS, Kaida AK (PI); Anema A, Angel JB, Baril J-G, Brophy JC, Brotto LA, Gahagan JC, Hankins CA, Kaushic C, Klein MB, Leonard LE, Lima VD, Lloyd-Smith EM, Miller C, Money DM, Ogilvie GS, Palmer A, Pick N, Raboud JM, Rachlis AR, Roth

E, Rouleau D, Rourke SB, Tharao WE, Tremblay CL, Trottier B, Trottier S, Tsoukas CM, Walmsley SL, **Yudin, MH** (CI). Canadian HIV Women and Reproductive Health Cohort Study, a Canadian Observational Cohort (CANOC) Affiliated Study. Canadian Institutes of Health Research (CIHR), Operating Grant, \$1,192,492, 2010 – 2015.

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

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.

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

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

Lye SJ (PI), **Challis J, Dong X**. Progesterone signalling during pregnancy and labour. Canadian Institutes of Health Research. Operating Grant, \$798,107; \$159,621 per annum, January 1, 2011 – March 31, 2016.

Lye SJ (Principal Investigator), Dunk C, **Keating S, Maxwell C**. Extravillous trophoblast mediated utero-placental vascular remodelling. Canadian Institutes of Health Research, Operating grant, \$713,265; \$142,653 per annum, April 1, 2007 – March 31, 2012.

Lye SJ (PI), **Pennell C**, Shynlova O. Peripheral leukocytes as targets for preterm birth prevention. March of Dimes Birth Defects Foundation, Operating Grant, \$482,300 U.S, \$160,767 U.S. per annum, March 1, 2010 – February 28, 2013.

Lye SJ (PI), Shynlova O (Co-Investigator). Control of myometrial contractile activity during pregnancy. CIHR, Operating Grant, \$912,320, \$175,306 per annum, 2010 – 2015.

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

Lye SJ (PI); Co-PIs: Barr C, Briollais L, Corter C, Fleming A, Jenkins J, Kennedy J, **Lee S**, Levitan R, **Matthews S**, Palmer L, Pascal C, Sokolowski M; Collaborators: Pennell C, Steiner M. Developmental Trajectories: A University of Toronto System-Wide Initiative to Improve Health, Learning and Society. Connaught Global Challenge (University of Toronto), Total: \$1,000,000, \$500,000 per annum. July 2011 – June 2013.

MacMillan HI, **Stewart DE**, Coben J, Herrman HE, Wathen CN (PI's); Afifi TO, Ahmad F, Barata PC, Barlow N, Boyle MH, Chamberland C, Chartier MJ, Collin-Vezina D, Diaz-Granadas N, Donelle LF, Dudding P, Edleson JL, Erickson PG, Feder G, Ford-Gilboe MV, Gagnon AJ, Georgiades KK, Gonzales A, Hegadoren KM, Hegarty KL, Jack SM, Jackson BE, Jenkins R, Kelleher KJ, Kothari AR, Olds DL, Oliffe JL, Sareen J, Schmidt LA, Sibbald SL, Thombs BD, Tonmyn LE, Trocme N, Varcoe CM, Waddell CA, Wekerle CM (Co-Applicants). Violence across the lifespan. Canadian Institutes of Health Research, Centre for Research Development in Gender, Mental Health, \$2,000,000, September 2009 – September 2013.

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

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

Marcus C (PI), **Asztalos E (CI)**. Safety and efficacy of methylxanthines in the very low birth weight infant: Effect on sleep on the school age child. National Heart, Lung and Blood Institute (NHLBI), \$267,56, 2009 – 2013.

Matthews SG (PI). Transgenerational effects of antenatal glucocorticoid treatment: Mechanisms of programming. CIHR, Operating Grant, \$479,331, \$159,777 per annum, October 1, 2009 – September 30, 2012.

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.

McKenzie K (PI), Noh, S., et al., **Stewart DE**. (Co-Applicants). Strategic training program for the social etiology of mental illness. Canadian Institutes of Health Research, \$1,790,000, 2009 – 2015.

McKerlie C (PI), **Adamson SL**, Aubin JE, Hu J. Hu CC, Nagy A, Post M, **Rossant J**, Stanford WL, Vidal SM (CIs). Canadian mouse mutant repository: A core resource for mouse models of human disease. CIHR, Resource Grant Program, \$519,036 (\$100,009 per annum + \$18,991 Equipment), May 2006 – October 2011.

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

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

Meyer, R, **Oza AM** (CI). CCS Clinical Trials Group, Canadian Cancer Society Research Institute. \$36,992,840, July 2010 – June 2015.

Miranda V (PI), **Lovatsis D**. RCT of cystocele plication risks(“CPR Trial”). MSH Research Fund. \$5,000, October 2009 – October 2011.

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.

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

Narod S (PI). The impact of pregnancy on survival after breast cancer in carriers of BRCA1 and BRCA2 mutations. Canadian Breast Cancer Foundation, Research Project Grant, \$309,816, July 2011 – June 2014.

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

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

Narod S (PI), Nam R, Trachtenburg J, Bristow R. Clinical Course of BRCA2-associated prostate cancer. Canadian Institutes of Health Research (CIHR), Operating Grant. \$425,989, CAD. . January 2010 – March 2013.

Narod S (PI), Ghadirian P, Bordeleau L. Risk factor analysis of hereditary breast and ovarian cancer. Canadian Breast Cancer Research Alliance, Operating grant. \$1,485,000, July 2009 – June 2014.

Ng E, Nasef N, Schurr P, Reilly M, Beck J, **Dunn M**. Effects of continuous positive airway pressure (CPAP) delivered by High Flow Nasal Cannula (HFNC) versus Nasal Continuous Positive Airway Pressure (NCPAP) on the Diaphragm Electrical Activity in very low birth weight preterm infants. Physicians' Services Incorporated, \$24,500, 2011.

Nulman I (PI), Koren G, Barrera M, Warner E, **Maxwell C**, **Sermer M**, Tozer R, Madarnas Y, Brezden-Masley C, Sridhar S, Colapinto N (CIs). Neurodevelopment of children exposed in utero to chemotherapy for maternal breast cancer. Canadian Breast Cancer Foundation. \$436,570 total, \$145, 419 per annum, 2010 – 2013.

O'Connor D, **Asztalos E**. Donor human milk versus preterm formula as a substitute for mother's own milk for feeding very low birth weight infants. Canadian Institutes of Health Research, \$920,271, 2010 – 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.

Oza AM (PI), Siu L, Chen E, **Fyles A**, Moore M. The PMH Phase II Consortium - Early Therapeutics Development with Phase II Emphasis. National Institutes of Health/National Cancer Institute (USA), Contract: HHSN261201100032S, N01CM. \$9,100,000, November 2011 – October 2016.

Oza AM (PI), Mackay H. Molecular determinants of outcome with mTOR inhibition in endometrial cancer. Ontario Institute for Cancer Research, Small Projects, 071105, \$68,790, July 2011 – June 2012.

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COMMON ABBREVIATIONS

AACR	American Association for Cancer Research
AAGL	American Association of Gynecologic Laparoscopists
AAP	American Academy of Pediatrics
ACMG	Annual Clinical Medical Genetics Meeting
ACOG	American Congress of Obstetricians and Gynecologists
ACS	American Cancer Society
AEPC	Association for European Paediatric Cardiology
AHA	American Heart Association
AHFMR	Alberta Heritage Foundation for Medical Research
AHSC	Academic Health Sciences Centres
AIUM	American Institute of Ultrasound in Medicine
AMPATH	Academic Model Providing Access to Healthcare
APGO	Association of Professors of Gynecology and Obstetrics
APOG	Association of Professors of Obstetrics & Gynaecology of Canada
ASBMR	American Society for Bone and Mineral Research
ASCCP	American Society for Colposcopy and Cervical Pathology
ASCP	American Society for Clinical Pathology
ASCO	American Society of Clinical Oncology
ASHG	American Society of Human Genetics
ASRM	American Society for Reproductive Medicine
AWHONN	Association of Women's Health, Obstetric and Neonatal Nurses
BICOG	British International Congress of Obstetrics and Gynaecology
CAFS	Canadian Fertility and Andrology Society
CAGS	Canadian Association of General Surgeons
CAHR	Canadian Association of HIV Research
CAHSPR	Canadian Association for Health Services and Policy Research
CanDIPS	Canadian Diabetes in Pregnancy Study group
CANN	Canadian Association of Neonatal Nurses
CANPAGO	Canadian Paediatric and Adolescent Gynaecology/Obstetrics Committee (SOGC)
CAPHC	Canadian Association of Paediatric Health Centres
CAPRI	Canadian Alliance for Pediatric Rheumatology Investigators
CAPSNet	Canadian Pediatric Surgery Network
CAR	Canadian Association of Radiologists
CaRMS	The Canadian Resident Matching Service
CARO/ACRO	Canadian Association of Radiation Oncology Association canadienne de radio-oncologie
CBCF	Canadian Breast Cancer Foundation
CBCRA	Canadian Breast Cancer Research Alliance
CCASN	Canadian Congenital Anomalies Surveillance Network
CCC	Canadian Cardiovascular Congress
CCHCSP	Canadian Child Health Clinician Scientist Program
CFPC	College of Family Physicians of Canada
CCME	Canadian Conference on Medical Education

CCMG	Canadian College of Medical Geneticists
CCMS	Chinese Canadian Medical Society (Ontario)
CCOCR	Canadian Conference on Ovarian Cancer Research
CCSRI	Canadian Cancer Society Research Institute
CDA	Canadian Diabetes Association
CEPD	Continuing Education and Professional Development (University of Toronto)
CERI	Canadian Epilepsy Research Initiative
CFPC	College of Family Physicians of Canada
CFRC	Centre for Fertility and Reproductive Care (MSH)
CHI	Canada Health Infoway
CHU	Centre hospitalier universitaire Sainte-Justine
CIHR	Canadian Institutes of Health Research
CMAS	The Centre for Minimal Access Surgery
CMICR	The Centre for Mother, Infant, and Child Research
COGI	World Congress on Obstetrics, Gynaecology and Infertility
COSA	Clinical Oncological Society of Australia
CPA	Canadian Physiotherapy Association
CPS	Canadian Paediatric Society
CREOG	Council on Resident Education in Obstetrics and Gynecology
CSEM	Canadian Society of Endocrinology and Metabolism
CSMFM	Canadian Society of Maternal Fetal Medicine
CSTM	Canadian Society for Transfusion Medicine
CUA	Canadian Urologic Association
DCP (NCI)	Division of Cancer Prevention (National Cancer Institute)
DPSG	Diabetic Pregnancy Study Group, EASD
ECNP	European College of Neuropsychopharmacology
EORTC	European Organisation for Research and Treatment of Cancer
EPA	European Placenta Group
ESC	European Society of Cardiology
ESHRE	European Society of Human Reproduction and Embryology
FAIS	Federation of African Immunological Societies
FAOPS	Federation of Asian and Oceania Perinatal Societies
FCMS	Federation of Chinese American and Chinese Canadian Medical Societies
FIGO	International Federation of Gynecology and Obstetrics
FMWC	Federation of Medical Women of Canada
FORCE	Facing Our Risk of Cancer Empowered
GOC	The Society of Gynecologic Oncology of Canada
GOG	Gynecologic Oncology Group
HSC	Hospital for Sick Children
HSFO	Heart and Stroke Foundation of Ontario
HUPO	Human Proteome Organisation
IBD	Inflammatory Bowel Disease
ICAAC	Interscience Conference on Antimicrobial Agents and Chemotherapy
ICONN	The International Collaboration of Neonatal-perinatal Networks
ICS	International Continence Society

IGCS	International Gynecologic Cancer Society
ICHG	International Congress of Human Genetics
IDSA	Infectious Diseases Society of America
IDSOG	Infectious Diseases Society for Obstetrics and Gynecology
IEEE	Institute of Electrical and Electronics Engineers
IFMSS	The International Fetal Medicine and Surgery Society
IGORS	International Gynecologic Oncology Robotic Symposium
IFPA	International Federation of Placenta Associations
IHDCYH	Institute of Human Development, Child and Youth Health
IMS	International Menopause Society
INTAPP	An International Trial of Antioxidants in the Prevention of Preeclampsia
IPEG	International Pediatric Endoscopy Group
IPE	Interprofessional Education
IPOS	International Psycho-Oncology Society
ISDS	International Skeletal Dysplasia Society
ISSCR	International Society for Stem Cell Research
ISSHP	The International Society for the Study of Hypertension in Pregnancy
ISSTD	International Society for the Study of Trophoblastic Diseases
IUGA	International Urogynecological Association
LHIN	Local Health Integration Network
MEFS	Middle East Fertility Society
MICYRN	Maternal Infant Child and Youth Research Network
MOHLTC	Ministry of Health and Long-Term Care (Ontario)
MSH	Mount Sinai Hospital
NAFTNet	The North American Fetal Therapy Network
NAMS	North American Menopause Society
NASOM	North American Society of Obstetric Medicine
NASPAG	North American Society for Pediatric and Adolescent Gynecology
NESA	New European Surgical Academy
NCI	National Cancer Institute (part of NIH)
NIDA	National Institute on Drug Abuse
NIH	National Institutes of Health
NSERC	Natural Sciences and Engineering Research Council of Canada
NYGH	North York General Hospital
NYSORA	The New York School of Regional Anesthesia
OCFP	Ontario College of Family Physicians
OGS/OGSST	Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology
Ornge	Formerly Ontario Air Ambulance
OMA	Ontario Medical Association
OTIS	Organization of Teratology Information Specialists
PAG	Paediatric and Adolescent Gynaecology
PAS	The Pediatric Academic Societies
PAX	Peritoneal Society: New name: PnS : Peritoneum and Surgery
PMH	Princess Margaret Hospital
PNOGA	Pacific Northwest Obstetrical & Gynecological Association

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
WEBC	Weekend to End Breast Cancer
WFUMB	World Federation for Ultrasound in Medicine and Biology
WHI	Women's Health Initiative
WHO	World Health Organization
WRGC	World Robotic Gynecology Congress

Peer-Reviewed Publications

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FACULTY OF MEDICINE, OBSTETRICS & GYNAECOLOGY
92 College Street, Toronto, Ontario M5G 1L4 Canada
Tel: +1 416 978-2668 • Fax: +1 416 978-8350 • www.obgyn.utoronto.ca