



Obstetrics & Gynaecology  
UNIVERSITY OF TORONTO



# ANNUAL REPORT

## 2007-2008



# MISSION STATEMENT

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

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

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Obstetrics & Gynaecology  
UNIVERSITY OF TORONTO

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## CHAIR'S REPORT

*Alan D. Bocking, Professor and Chair*

At the end of my first 5-year term as Chair of the University of Toronto Department of Obstetrics and Gynaecology, it is a great pleasure to introduce the Department's Annual Report for the academic year 2007-2008.

One of the highlights of this year was the external review of the Department, which was carried out in December of 2007 by **Dr. Robert Liston** from the University of British Columbia and **Dr. Michael Nelson** from Washington University in St. Louis. I was delighted to see that these highly respected individuals have identified our Department as one of the top ten academic departments of Obstetrics and Gynaecology in the world. Although we are certainly well aware of the excellent academic and clinical activities carried out by our department members every day, it is nice to see this validated by external experts in the field.

Members of our Department also received many outstanding awards. Some of the highlights include the APOG (Association of Professors of Obstetrics and Gynaecology) choice of **Dr. Stephen Lye** as the recipient of the Research Excellence Award for 2007. This is a national award given annually to one individual for his or her contributions to research excellence in our discipline, with a particular focus on mentorship. **Dr. Heather Shapiro** received the Carl Nimrod Educator of the Year Award at the Annual Meeting of APOG, in recognition of her contributions to Postgraduate Education.

**Dr. Andrea Jurisicova** received a Canada Research Tier II Award in molecular reproductive biology, and **Dr. John Challis** received the McLaughlin Medal from the Royal Society of Canada, as well as being appointed a University Professor. We are sorry to lose **Dr. Challis** to British Columbia, where he has taken up a new role as President and Chief Executive Officer of the Michael Smith Foundation. However, he will continue his academic appointment in the Departments of Physiology and Obstetrics and Gynaecology at the University of Toronto and will continue to be an active collaborator with many members of our department. We wish him well in his new role.

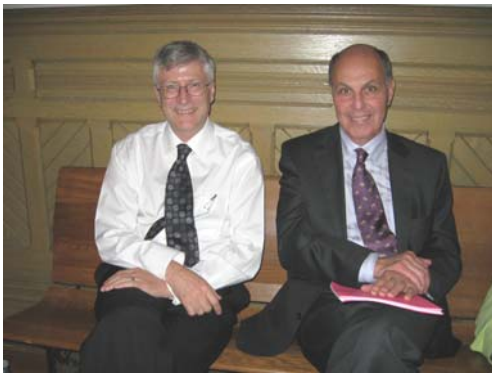
Research Day was a great success once again and we were very pleased to welcome **Dr. Andrew Berchuck**, from Duke University, who gave an outstanding talk on "Individual ovarian cancer treatment and prevention in the genomic era".

In closing, it is a privilege and honour for me to be asked to continue for a second 5-year term as Chair of the University of Toronto Department of Obstetrics and Gynaecology. I would like to thank all the members of our faculty, as well as our administrative staff, for their outstanding contributions. I would like, particularly, to thank **Dr. Jennifer Blake**, who has agreed to serve as Acting Chair for the next six months, and I know that the Department is in very good hands. I hope that you enjoy reading this Annual Report and will share the same pride that I have for the remarkable achievements that we have collectively participated in during the 2007-2008 academic year.

Sincerely,



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



Alan Bocking and Paul Bernstein

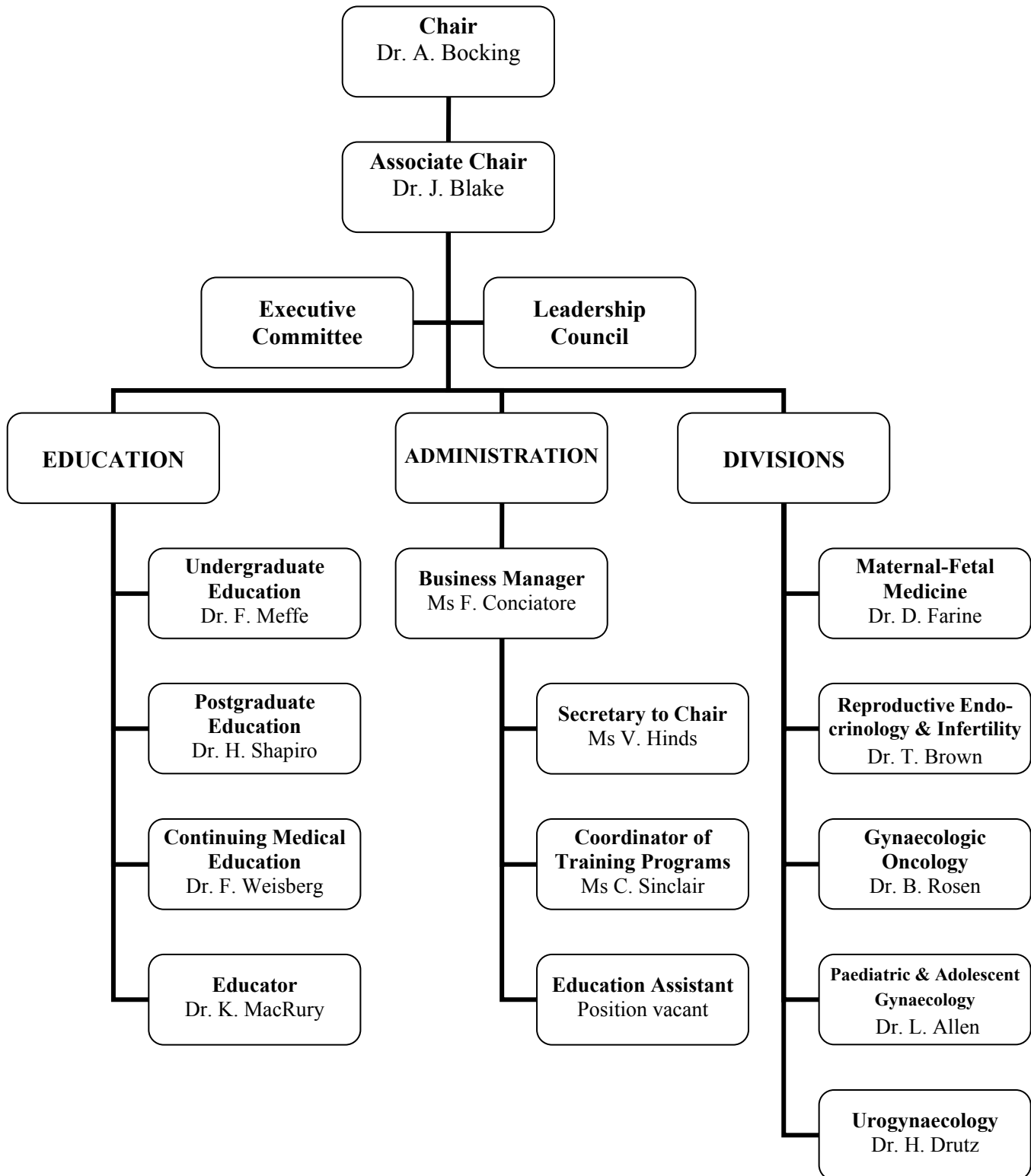


Research Day, May 2, 2008  
Stephen Lye & Alan Bocking with Dean Catharine Whiteside



Erin McFadden, visiting Kenyan students  
Damaris Kavindu Ndambuki and Annah  
Ahuguya Andavuki, with Alan Bocking and  
Ally Murji

**University of Toronto**  
**Department of Obstetrics and Gynaecology**  
**ORGANIZATIONAL CHART**



# FACULTY 2007-2008

## Primary Appointments

### Professors Emeriti

Carole A. Cowell  
Denny De Petrillo  
Terence A. Doran  
Douglas J. Gare  
Walter J. Hannah  
Gord M. Lickrish  
Ron A. Livingstone  
R. Meiklejohn\*  
Ted (J.E.) Morgan  
Jerry Shime



Associate Chair Jennifer Blake  
and Chair Alan Bocking

\* Since deceased

### Professors

S. Lee Adamson  
Bhagu Bhavnani  
Jennifer Blake  
Alan D. Bocking - *Chair*  
Robert F. Casper

Allan Covens  
Harold Drutz  
Dan Farine  
Mary Hannah  
John Kingdom

Stephen Lye  
J.W. Knox Ritchie  
Greg Ryan  
Mathew Sermer  
Michael Shier

### Associate Professors

Jon Barrett  
Abraham Bernstein  
Paul Bernstein  
Theodore J. Brown  
Isabella Caniggia  
Christine Derzko  
Alan Gerulath  
Ellen Greenblatt

Rose Kung  
Guylaine Lefebvre  
Nicholas Leyland  
Clifford L. Librach  
Kay Lie  
Paul McCleary  
Filomena Meffe  
Joan Murphy

Nan Okun  
Titus Owolabi  
Richard Pittini  
Barry Rosen  
Gareth Seaward  
Heather Shapiro  
Rory Windrim

### Assistant Professors

Hani Akoury  
May Alarab†  
Lisa Allen  
Marshall Barkin  
Samir Batarseh  
Howard Berger  
Marcus Bernardini†  
Janet Bodley  
Adrian Brown  
Kenneth Cadesky  
Vincent Cheung  
Dennis K Chu

Anne Claessens  
Howard Cohen  
Barbara Cruickshank  
Marjorie Dixon  
Jason Dodge  
Nancy Durand  
William Easton  
Frederic Engle  
Michèle Farrugia  
Sarah Ferguson  
Tatiana Freire-Lizama  
Karen Glass

Charles Gold  
Peter Hawrylyshyn  
Elaine Herer  
Man Fan Ho  
Stephen Im  
Andrea Jurisicova  
Johannes Keunen  
Sari Kives  
Murray Kroach  
Rachel Kupets  
Stephane Laframboise  
Evelyn Lambe‡



Andrea Lausman†  
Patricia Lee  
Elyse Levinsky  
Danny Lovatsis  
Elliot Lyons  
Katherine MacRury  
Adelmo Martoglio  
Cynthia Maxwell  
Eva Mocarski  
Kellie Murphy  
Robert Nicholson  
Ori Nevo  
Melanie Ornstein  
Ray Osborne

Wusun Paek  
Nicholas Pairaudeau  
Mel Petersiel  
Richard Pittini  
Deborah Robertson†  
Ian Rogers  
David Rosenthal  
Jodi Shapiro  
Sony Sierra  
Dana Soroka  
Donna Steele  
Wilf Steinberg  
Michael Sved  
Art Ternamian

Karen Tessler  
Jackie Thomas  
Bruce W. Thomas  
Konstantin Valtchev  
Fay Weisberg  
Wendy Wolfman  
Herb Wong  
Suzanne Wong  
Brenda Woods  
Mark Yudin  
Yick-Shing Yung  
Art Zaltz

### Lecturers

Oleleke Badmos  
Nicolette Caccia  
Nicole Cherry  
Jennifer Cram  
Joe Daly  
Dimitrios Giannoulis  
Shlomo Grynspan  
Helen Ho  
Angela Kang

Elyse Lackie  
Grace Liu  
Terry Logaridis  
Romy Nitsch  
Elin Raymond  
Nathan Roth  
Abheha Satkunaratnam  
Rajiv Shah  
Nicholas Shilletto

Paul Shuen  
Linda Stirk  
Melissa Tai†  
Modupe Tunde-Byass  
Wendy Whittle  
Georgina Wilcock  
Michelle Wise†  
Jeremy Wong

†New appointment

‡Joint appointment with Department of Physiology

### Adjunct Faculty

David Caloia  
Navid Esfandiari  
Jo-Ann Johnson  
Craig Pennell  
Felice Petraglia  
Rachel Spitzer  
Paul Thistle



### Cross Appointments

#### Professors Emeriti

Jerald Bain - Medicine  
Anne Kenshole - Medicine

#### Professors

Denise Belsham - Physiology  
John R. Challis - Physiology  
William Chapman - Laboratory  
Medicine &  
Pathobiology  
David Chitayat - Paediatrics

Joe T. Clarke - Paediatrics  
Terence Colgan - Laboratory  
Medicine &  
Pathobiology  
Anthony Fyles - Radiation Oncology  
Stephen Halpern - Anaesthesia



Mahmoud Khalifa	- Laboratory Medicine & Pathobiology	Arne Ohlsson	- Paediatrics
B. Lowell Langille*	- Laboratory Medicine & Pathobiology	Maire E. Percy	- Physiology
Michelle Letarte	- Immunology	Gail Robinson	- Psychiatry
Stephen Matthews	- Physiology	Janet Rossant	- Medical Genetics
Steven Narod	- Public Health Sciences	Sam Siu	- Medicine
		Donna Stewart	- Psychiatry
		Gillian Thomas	- Radiation Oncology
		Rosanna Weksberg	- Paediatrics

\* Since deceased

### Associate Professors

Ida Ackerman	- Radiation Oncology	Carl Laskin	- Immunology
Lynn Allen	- Laboratory Medicine & Pathobiology	Amit Oza	- Medical Oncology
José Carvalho	- Anaesthesia	Patricia Shaw	- Laboratory Medicine & Pathobiology
Michael Dunn	- Paediatrics	Andrew T. Shennan	- Paediatrics
Denice Feig	- Medicine	Ants Toi	- Medical Imaging
Katherine Fong	- Medical Imaging	Elizabeth Winsor	- Laboratory Medicine & Pathobiology
Stephen Holzapfel	- Family & Community Medicine		
Sarah Keating	- Laboratory Medicine & Pathobiology		

### Assistant Professors

Tony Barozzino	- Paediatrics
Karen Chong†	- Paediatrics
Joel Ray	- Medicine
Michael Sgro	- Paediatrics
Martin Skidmore	- Paediatrics
Sandra Viero	- Laboratory Medicine & Pathobiology

### Adjunct Faculty

Fern Small	- Psychiatry
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†New appointment

### Administrative Staff

#### Business Manager

Franca Conciatore

#### Coordinator of Training Programs

Cindy Sinclair

#### Secretary to Chair

Vivienne Hinds



## Residents

### PGY 1

Crystal Chan  
Beth Cruickshank  
Karthika Devarajan  
Claire Jones  
Tasleem Murji  
Dan Nayot  
Susie Pakenham  
Giselle Salmasi  
Kalpana Sharma  
Mark Siobhan  
Kathryn Swan

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### PGY 2

Dora Chan  
Shannon Corbett  
Matthew Laskin  
Ally Murji  
Andrea Page  
Elaine Shore  
Sarah Sinasac  
Marilyn Sutandar

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### PGY 3

Kaajal Abrol  
Kelly Chu  
Marie Czikk  
Aseel Hamoudi  
Usha Harikumar  
Yolanda Kirkham  
Jamie Kroft  
Munira Mahmoud  
Alice Pham  
Lyana Sisca

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### PGY 4

Ambika Aneja  
Rebecca Cash  
Noor Ladhani  
Taymaa May  
Ingrid Savasi  
Amanda Selk  
Sarah Wallace  
Lynne Zolis

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### PGY 5

Farid Abdelhadi  
Anjali Aggarwal  
Clarissa Bambao  
Shereen Chirayilkalam  
Fatuma Estanbul  
Eve Fried  
Stacey Grossman  
Samuel Ko  
Titilayo Oluyomi  
Kiran Sahi  
Neelam Sierra  
Rich Stein

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## Clinical Fellows

<b>PROGRAM</b>	<b>DIRECTOR</b>	<b>FELLOW</b>
<b>Advanced Obstetrics</b>	P. Gareth Seaward	Noushin Khoshbakht
<b>AAGL* – Women’s College Hospital</b>	Rose Kung	Olesandr (Sasha) Svystonuk.
<b>Gynaecologic Oncology</b>	Al Covens	Mario Beiner Marcus Bernardini Diederick De Jong Lilian Tran Gien Limor Gortzak-Uzan Limor Helpman Waldo Jimenez Fiedler Victoria Pinto
<b>Maternal-Fetal Medicine</b>	John Kingdom	Nihal Al-Riyami Amal Al-Serehi Hagai Amsalem Jodie Dodd Katy Gouin Nadine Johnson Nahla Khalek Steven Koenen Aisling Martin Sharon Maslovitz Susan Walker Yoav Yinon
<b>Reproductive Endocrinology &amp; Infertility</b>	Ellen Greenblatt	Rebecca Arthur Ari Baratz Kimberly Liu Cornelia Lo Tina Lo
<b>MIGS** – St. Joseph’s Health Centre</b>	Nicholas Leyland/ Art Ternamian	Violaine Marcoux Roberta Mackenzie
<b>MIGS** – St. Michael’s Hospital</b>	Guylaine Lefebvre	Gita Singh Suma Shastry
<b>Paediatric and Adolescent Gynaecology</b>	Lisa Allen	Kerith Lucco
<b>Reproductive Sciences</b>	Robert Casper	Mohamed Bedaiwy Yaakov Bentov

**Urogynaecology  
– Mount Sinai Hospital**

Harold Drutz/  
Danny Lovatsis

May Alarab (Research)  
Raed Ahmed  
Daniel Kreichman  
Victor Miranda  
Maria Bortolini (Research)

**Urogynaecology  
–Women’s College Hospital**

Rose Kung

Lisa Merovitz

**Mature Women’s Health  
–Mount Sinai Hospital**

Wendy Wolfman

Sally Sabra

\*American Association of Gynecologic Laparoscopists

\*\*Minimally Invasive Gynaecologic Surgery



## 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*
- 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*
- M. Sermer - *Associate Chief, Mount Sinai Hospital/University Health Network*
- F. Meffe - *Chair, Undergraduate Education Committee*
- B. Rosen - *Head, Division of Gynaecologic Oncology*
- H. Shapiro - *Chair, Postgraduate Education Committee*
- F. Weisberg - *Chair, Continuing Medical Education Committee*

### Undergraduate Committee

F. Meffe, <i>Chair</i>	E. Frotten	K. MacRury
J. Blake	M. Gans	T. May
A. Bocking	S. Iqbal	R. Pittini
J. Bodley	S. Kives	S. Sved/D. Lovatsis
C. Chan	E. Lackie	S. Wong

### Postgraduate Education Committee

H. Shapiro, <i>Chair</i>	J. Herman	J. Shapiro
R. Arthur	S. Kives	E. Shore
J. Blake	R. Kung	D. Soroka
A. Bocking	N. Leyland	R. Stein
R. Cash	K. MacRury	J. Thomas
M. Czik	M. Ornstein	M. Tunde-Byass/N. Pairaudeau
J. Cram	R. Pittini	A. Zaltz
J. Dodge	I. Savasi	

### **Research Committee**

S. Lye, *Chair*  
L. Adamson  
J. Barrett  
T. Brown  
I. Caniggia  
R. Casper  
A. Covens  
J. Kingdom

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

### **Promotions Committee**

J. Shime, *Chair*  
L. Adamson  
J. Blake  
R. Casper

A. Covens  
D. Farine  
G. Lefebvre  
K. Ritchie

### **Fellowship Directors Committee**

A. Bocking, *Chair*  
L. Allen  
J. Blake  
R. Casper  
A. Covens  
H. Drutz/D. Lovatsis  
E. Greenblatt

J. Kingdom  
R. Kung/K. Lie  
G. Lefebvre  
N. Leyland/A. Ternamian  
G. Seaward  
H. Shapiro  
W. Wolfman

### **Continuing Medical Education Committee**

F. Weisberg, *Chair*  
P. Bernstein  
J. Blake  
A. Bocking  
J. Bodley  
A. Brown  
J. Dodge  
J. Gracey  
D. Robinson  
J. Shapiro  
J. Thomas  
R. Windrim

# HOSPITAL STATISTICS

July 1, 2007 to June 30, 2008



	SMH	MSH/UHN	SHSC	TEGH	HSC	NYGH	SJHC
Total deliveries	2,984	6,539	3,500	3572	0	5,892	3,300
Caesarean section rate	28.0%	29.7%	35.5%	25.5%	0%	28.0%	27.8%
Total gynaecology procedures (minor and major)	1,481	1,108	8,570	2438	76	2,311	2,800
Clinic visits (excluding private office visits)	60,904	145,111	53,805	9,456	2,571	6,779	NA
Number of obstetrics beds	27	84	56	33	0	55	29
Number of gynaecology beds	12	18	11	10-15	0	10-20	15

**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

NA – Not Available



## DIVISIONS



### **Division of Gynaecologic Oncology**

*Barry Rosen, Division Head*

**Introduction:** The Division of Gynaecologic Oncology continues to be located at both Sunnybrook Health Sciences Centre and The University Health Network/Princess Margaret Hospital. There are two full-time members of the division at Sunnybrook and now six full-time equivalents at UHN/PMH.

**Highlights:** In April 2008, **Dr. Marcus Bernardini** joined the staff at UHN after completing his fellowship in Toronto. As part of his fellowship training he spent a year at Duke University under the direct supervision of **Dr. Andrew Berchuck**. **Dr. Bernardini** has had a role in both clinical medicine and basic science research, and is planning to build on the basic science research experience he obtained while doing his Master's degree during his residency and his time at Duke University.

**Dr. Sarah Ferguson** is pursuing her academic career developing a survivorship program for women with gynaecologic malignancies at Princess Margaret Hospital. She is linking with the breast cancer program that has developed a Web-based tool called "Caring Voices". The aim of this program is to create a support mechanism for women who have been diagnosed and treated for gynaecologic malignancies.

**Drs. Allan Covens** and **Rachel Kupets** at Sunnybrook have been working on a new textbook that is on advanced laparoscopy for gynaecologic oncology. They are co-editors of this book, to be published in the fall of 2008.

The gynaecologic oncology fellowship at the University of Toronto is the only three-year training program in Canada, and we continue to train individuals who practice our specialty around the world. Our fellowship is aimed at developing academic gynaecologic oncologists. From the clinical perspective, our fellowship training program has made a commitment to train all fellows in advanced laparoscopy, and we are in the process of developing tools to assess surgical skills for our fellows.

**Dr. Joan Murphy** has stepped down as Head of Gynaecologic Oncology at UHN/Mount Sinai Hospital after spending 11 years in this role. During her leadership the division has become very strong both clinically and academically. The group has grown in numbers and it is an important division within the surgical oncology program at PMH. **Dr. Murphy** has been awarded the Crashley Chair in gynecologic oncology research and she will be developing that role over the next academic year.

**Future Initiatives:** **Drs. Jason Dodge** and **Barry Rosen** continue to spend time at Credit Valley Hospital/Peel Regional Cancer Centre developing their gynaecologic oncology program. The region and hospital have endorsed development of this program and efforts will be underway to recruit a gynaecologic oncologist to work there in the next academic year.

## Division of Maternal-Fetal Medicine

*Dan Farine, Division Head*



**Introduction:** The Division of Maternal-Fetal Medicine (MFM) had a very productive year in all aspects of academic medicine. The fellowship program, under the directorship of **John Kingdom**, has been reorganized with more fellowship teaching delegated to the Sunnybrook unit. The St. Michael's unit has also been integrated and training is currently taking place at three different sites (Mount Sinai Hospital (MSH), Sunnybrook Health Sciences Centre (SHSC), and St. Michael's Hospital (SMH)) in an integrated fashion that takes advantage of the unique opportunities in each. Our fellowship program continues to be the largest in the country, attracting excellent Canadian and foreign trainees. In addition to the 8 clinical and research fellows, each of the units is supported by hospital-specific fellows.

**Highlights:** The last few years have been characterized by expansion of our division with recruitment to each of the 4 sites that have MFM specialists. This year we have not recruited new members, but our units are undergoing major changes and development. The most radical change is the move from Women's College Hospital to Sunnybrook Health Sciences Centre. At Mount Sinai Hospital, the labour floor and the antenatal and postnatal floors are going to be renovated, enlarged and improved. At St. Michael's Hospital the changes are more functional, with a unit of 3 MFM specialists (that did not exist a few years ago) better integrating into their obstetrical unit and the University of Toronto's infrastructure.

The members of the Division have been extremely prolific in terms of securing grants and producing peer-reviewed publications. The grants obtained by our members amount to about \$10,000,000 annually. We currently have 9 investigators who secured funding in excess of \$750,000 per annum. Two of the largest CIHR grants were obtained by our members. One was for the MACS study that concluded this year. This study was planned and executed over the span of close to 10 years by **Kellie Murphy** through MIRU. It recruited about 1900 women in 80 centres in 20 countries. This study, to be published in the *Lancet*, showed that repeated doses of corticosteroids do not improve neonatal outcome and are associated with a decrease in fetal weight, height and head circumference. The other large CIHR grant is for an ongoing trial of the optimal method of delivery of twins. Also impressive is our division's academic output in peer-reviewed papers. Two of our members, **John Kingdom** and **David Chitayat**, published 15 peer-reviewed papers each. Ten members of our division have published 5 or more peer-reviewed papers this year.

Overall this was a very productive and successful academic year and we look forward to an even better one in 2008-2009.



## **Division of Paediatric and Adolescent Gynaecology**

*Lisa Allen, Division Head*

**Introduction:** The Division of Paediatric and Adolescent Gynaecology (PAG) consists of 4 members, **LM Allen** (Section Head) and staff members: **NC Caccia, S Kives and M Ornstein**. The Division maintains a diverse practice in common conditions and rare challenges in PAG, with over 2500 ambulatory visits per year, and includes the adolescent pregnancy program. Our surgical complex anomalies program attracts referrals from out of province and out of country.

**Highlights:** The section continues to fulfill its mandate to enhance the gynaecologic care of children and adolescents through education and research. Our fellowship continues to attract diverse applicants. In addition to a commitment to education of PAG residents, the section was fully booked with additional elective students (4) and residents (5), as well as observers, over the year. The Division has a strong commitment to continuing medical education, with 17 presentations by faculty in paediatric and adolescent gynaecology, including at the SOGC (Society of Obstetricians and Gynaecologists) and the North American Society for Pediatric and Adolescent Gynecology (NASPAG) annual meetings. The provincial, national and international presence of our members continues to be strong: **Dr. Kives** remains in the role of Co-Chair of CANPAGO (Canadian Paediatric and Adolescent Gynaecology/Obstetrics Committee), a subspecialty committee of the SOGC, with **Dr. Allen** and **Joley Johnstone RN** as members.

**Dr. Allen** was a member of the NASPAG Annual Clinical Meeting planning committee, continues as a member of the subspecialty committee of APOG (Association of Professors of Obstetrics and Gynaecology of Canada) and was the lead on Pediatric Gynaecology for the National Pediatric Surgical Wait Time Project. **Dr. Allen** was also invited to be co-editor of a volume of Progress in Pediatric Urology. Each member of the section contributed a chapter, the remaining chapters contributed by an all-Canadian author contingent.

The first, extremely successful, MRKH (Mayer-Rokitansky-Küster-Hauser syndrome) Education Day was coordinated for adolescents and their families, initiated by **Joley Johnstone RN**.

**Honours:** **Dr. Nicolette Caccia** was successful as a recipient of a grant from the Instructional Technology Courseware Development Fund. Her project on the Development of a Web-Based Course Covering the Basics of Common Problems in the Delivery of Sub-specialty Care in Paediatric and Adolescent Gynaecology for Obstetrics and Gynaecology Post-graduate Trainees at the University of Toronto will convert our didactic core teaching into interactive web-based modules based on the Articulate program.

**Future Initiatives:** The paediatric gynaecology fellowship will add an ambulatory rotation in paediatric urology, paediatric dermatology, adolescent medicine, and sexual abuse for the 2008/2009 academic year. In addition to the web-based course, the Section plans next year to repeat its successful Teleconference of subspecialty paediatric gynaecology for obstetrics and gynecology residents across the country. The section is actively leading development of standardized data collection sheets that will serve as a basis for future collaborative research projects with other members of CANPAGO.

## Division of Reproductive Endocrinology and Infertility

*Theodore J. Brown, Division Head*



**Introduction:** The Division of Reproductive Endocrinology and Infertility (REI) is a multidisciplinary group of academic clinicians and basic scientists with a shared interest in female reproductive health and infertility. Clinical division members diagnose and treat infertility, reproductive disorders and hormonal dysfunctions affecting women and men. Our research interests are diverse and include interaction with other researchers in the University.

**Highlights:** Many division members are affiliated with Assisted Reproductive Technology/In Vitro Fertilization (IVF) centres. These include the Reproductive Biology Unit (RBU) based at Mount Sinai Hospital, the Fertility Centre and Canadian Reproductive Assisted Technology (CReATe) program affiliated with Sunnybrook and Women's College Hospital, and two private centres, Toronto Centre for Advanced Reproductive Technology (TCART) and Lifequest. Recently, TCART has been recognized as a "relevant" site by the University of Toronto, which should strengthen its ties with the Department.

The Division welcomed several new members this year. **Dr. Paul Chang**, trained at the University of Western Ontario, has been recruited to TCART and joins the Division as a lecturer. Joining us at the RBU as an Assistant Professor is **Dr. Kimberly Liu**, who completed her REI Fellowship training with us and brings with her an MSc degree in law, specializing in ethics. Two new faculty members, **Drs. Ari Baratz** and **Pratibhasri Sharma**, have joined CReATe. **Dr. Baratz** trained with us and is currently appointed as a lecturer. **Dr. Sharma** completed her REI fellowship training at Columbia University Medical Center. **Drs. Fay Weisberg, Marjorie Dixon**, and **Sony Sierra** have left CReATe and have launched a new ART (Assisted Reproductive Technologies) clinic, First Steps Fertility.

In the past year, division members participated in a wide range of CME events, from the promise of Stem Cell Biology to clinical care of PCOS and how to guide women through the natural aging process. **Dr. Wendy Wolfman** and **Dr. Harold Drutz** developed a full-day course on Mature Women's Health Care: How to grow old better.

**Honours:** Several trainees were recognized for excellence in research: **Drs. R. Xiao** and **S-M. Yie**, with **Dr. Cliff Librach**, were awarded the best basic science paper at the 2007 Canadian Fertility and Andrology Society (CFAS) meeting held last November. **Alicia Tone** had the Best Trainee Oral Presentation at the 4<sup>th</sup> Canadian Conference on Ovarian Cancer Research held in May. **Dr. Taymaa May**, an OB-GYN resident, was awarded the best paper in the Basic Science/Translational Research category and second place for best oral presentation at the Society of Gynecologic Oncologists of Canada meeting held in June. Both **Dr. May** and **Ms Tone** were supervised by **Drs. Ted Brown** and **Patricia Shaw**.

**Future Initiatives:** The Division will continue its strong commitment to research and education. The recognition of TCART as a relevant site will enable expansion of education and research initiatives by recruitment of academic staff members.



## **Division of Urogynaecology**

*Harold Drutz, Division Head*

**Introduction:** The program in “Female Pelvic Medicine and Reconstructive Pelvic Surgery (FPMRPS)” co-ordinates teaching and training of Medical Students (Core and Elective), and Core and Elective Residents (from other National and International Universities) in Obstetrics and Gynaecology and Urology, and our Postgraduate Fellowship Training Program in Disorders of the Female Pelvis. The Division faculty includes **Drs. Drutz, Lovatsis and Alarab** (Mount Sinai Hospital) and **William Easton** at Scarborough Centenary Hospital. The Division receives referrals locally, province-wide, across Canada and internationally.

### **Highlights:**

**Teaching:** University of Toronto Core Residents (**Rebecca Cash, Anjali Aggarwal, Marie Czikk, Ingrid Savasi, Stacey Grossman, Aseel Hamoudi**) and Elective Resident (**Anjali Gupta-Winnipeg**) rotated through the service. **Dr. May Alarab** successfully defended her Institute of Medical Science (IMS) thesis to receive her MSc degree. **Dr. Raed Sayed Ahmed** is a research fellow; **Drs. Victor Miranda** and **Daniel Kreichman** are 2nd year fellows, and **Dr. Maria Bortolini** is our 1st year fellow.

**Research:** The Division has six active peer reviewed externally-funded grants. In the past year we have published eight peer reviewed papers and have two in press. Three papers were presented at international meetings. **Dr. Drutz** presented four invited lectures and **Dr. Lovatsis** one. **Dr. Easton** remains active on Canadian Medical Protective Association (CMPA) committees.

**Honours:** **Dr. Alarab** has been appointed to active staff in the Division of Urogynaecology. She was awarded the TD Bank Health Research Fellowship at the Samuel Lunenfeld Research Institute in 2007.

**Future Initiatives:** The Division of Urogynaecology will be moving to new space in the Hydro Building, where it will develop a “Mature Women’s Health Care Centre of Excellence” with **Dr. Wendy Wolfman** and the Menopause Clinic.



# PROGRAMS

## Undergraduate Medical Education

*Filomena Meffe, Director*



**Introduction:** The Undergraduate Medical Education Committee consists of the hospital site Clerkship Coordinators, Student representatives, Resident representatives, the Undergraduate Director, the Chairman, Departmental Educator and Faculty Educational Advisor. The committee meets approximately once a month to discuss issues and implement or modify educational strategies related to 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:** The first revision of the clerkship syllabus, which occurred during the academic year 2006-2007, was well received by the students and faculty. The changes were based on the feedback received from faculty and student surveys, as well as from the recommendations of the Undergraduate Committee members.

To better understand the impact of hands-on opportunities for students in our clerkship course, the technical procedures study was carried out and completed for the academic year 2007 – 2008. With data collection now complete, data analysis is currently underway to quantify the number of basic procedures done by our students during their 6-week rotation and to correlate these quantitative data with overall student satisfaction with their clerkship experience and the degree of change in their self-assessed competency level.

The committee completed its work on the development of a student assessment tool for the roles of health manager, health advocate, communicator, and scholar, to be implemented in the academic year 2008-2009. This tool was developed in response to the fact that a large number of faculty members were having difficulty in giving both formative and summative feedback to students with regard to these roles in an informal setting.

The first ever clerkship examination committee was formed this year by a very enthusiastic group of faculty members interested in creating a wider variety of new and improved exam questions that better reflect the educational objectives of our course. This committee has now met on several occasions, beginning work first on the structured oral examination questions, and with plans to revise and renew the short answer question and multiple choice question banks. Thank you to all the members of this committee who devote their time and expertise on a regular basis towards these goals.

**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 2008 student award winners!

Dr. Sidney M. and Roselyn Tobin Compassionate Scholarship:	<b>Hanna Bielawska</b>
Dr. Jacob Goldstein Scholarship:	<b>Sarah Temple</b>
Hendry Memorial Scholarship:	<b>Natasha Saunders</b>
Dr. Frederick R. Papsin Award:	<b>Milvi Tiislar</b>

**Future Initiatives:** The committee will be evaluating the impact of the student assessment tool in the year 2008-2009, developing a pelvic examination orientation module, and continuing to work to adequately accommodate our expanding class size.



## Postgraduate Medical Education

*Heather Shapiro, Director*

**Introduction:** The 2007-2008 academic year saw postgraduate education move from strength to strength. The number of applicants rose sharply. Eleven candidates were accepted into our program, for a total of 49 trainees registered as PGY1 to 5. Likewise, interest in subspecialty training continued to grow. Changes at the Royal College of Physicians and Surgeons of Canada (RCPSC) resulted in significant changes at the fellowship level. Gynaecologic Reproductive Endocrinology (GREI), Gynaecologic Oncology and Maternal-Fetal Medicine trainees will now sit a formal exam, will be registered as PGY6 and 7, and will be considered residents. In addition, funding is available commensurate with their residency status. The total number of fellows in 2007-2008 was 36.

**Highlights:** Our residents continue to be productive in research, with 8 presentations at our Department's Research Day and numerous publications to their credit.

Communications between the department and residents has been enhanced by the University of Toronto Portal system, which allows web posting of resources, chat groups and test marks.

An online course has been developed to teach core competencies to trainees across the system. The first module, "End of Life Care", has been completed by the residents.

Evaluation of the residents has been enhanced by additional multiple choice tests, expanded OSCEs and development of daily encounter forms focusing on surgical technique.

The 5<sup>th</sup> Annual Resident Retreat was held in March 2008. This generated an important document on the management of resident call shortfall as a result of short term illness.

Our annual barbeque brought the academic year to a close.





## 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 different divisions and institutions in the Department, 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, Clifford Librach, Stephen Matthews, Kellie Murphy, Rory Windrim, and Mark Yudin.**

**Highlights:** Members of the department published over 140 peer-reviewed original research papers, plus over 80 additional publications in 2007/2008 and received funding for over 170 research projects.

In the Faculty of Medicine's External Review of **Dr. Alan Bocking's** first five-year term, the reviewers concluded that in research the Department "unquestionably is a leader amongst Canadian departments." They also lauded the Department on its high and increasing level of funding and the high number (8) of external salary awards and endowed research chairs. Our publication numbers were described as astonishing, with 120 peer reviewed publications in 2005. Also noteworthy was the fact that "grant and support and research output is distributed across all divisions and all academic sites [and] research productivity spans both basic and clinical areas and not only the traditional "research pillars". In addition, international trainees have benefited from our research and education. In short, our Department continues to be strong and is internationally recognized across all the subspecialties of Obstetrics and Gynaecology.

Our Department Research Day took place on Friday, May 2, 2008, and was particularly successful and well attended, with 12 oral and 57 poster presentations in both clinical and basic scientific areas. **Dr. Andrew Berchuck**, Director, Gynecologic Oncology, at Duke University, gave an excellent lecture on the topic of "Individualized ovarian cancer treatment and prevention in the genomic era." Please see page 95 for a list of abstracts and details of the day.

**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 107) Also, please note all the award winners in the awards section (26-30), of which many are in the area of research.

**Future Initiatives:** Our Committee will look at improving networks across the sites and the discipline that will continue to encourage integration of basic and clinical research and the involvement of basic science and clinical trainees and faculty in our research endeavours.



## **Continuing Medical Education Committee**

*Fay Weisberg, Chair*

**Introduction:** The Continuing Medical Education Committee's focus, since its inception in March 2005, has been on inviting clinically relevant, practice-changing speakers for interhospital rounds and a long-term strategy for continuing medical education for our department.

**Highlights:** The Continuing Medical Education Division has now revamped its name and focus to simulate its University counterpart, and is now the Division of Medical Education and Professional Development. Our department's professional development group is now contained within this division. Also contained within this group is the Mount Sinai Division of Medical Education, led by **Dr. Paul Bernstein**.

A new working group was formed with the following members:

**Dr. Paul Bernstein**

**Dr. Jennifer Blake**

**Dr. Alan Bocking**

**Dr. Janet Bodley**

**Dr. Adrian Brown**

**Dr. Jason Dodge**

**Ms Jane Gracey**

**Dr. Deborah Robinson**

**Dr. Jodi Shapiro**

**Dr. Jackie Thomas**

**Dr. Rory Windrim**

This group met in April 2008 and discussed ideas regarding the future of the division. The committee decided to increase the number of interdisciplinary teaching sessions and access to our interhospital rounds via the internet.

**Future Initiatives:** As of October 2008, interhospital rounds will be webcast live to members of our department and, following a successful run, will be made available to all hospitals in the greater Toronto area. This exciting program will be developed in association with the Web Department at Sunnybrook Hospital and will enable all physicians who are registered and sign in to obtain a type 1 maintenance certification credit. Other future activities will be to continue excellent courses through Mount Sinai Hospital, and also expand this to course directors outside the hospital, as we did with the Infectious Disease course, offered in June 2008.

## Courses offered by Mount Sinai Hospital:

Medical Disorders in Pregnancy	November 2007
3rd Annual Gynaecology Review Day	December 2007
4th Annual Obstetrical Malpractice: A Survival Guide for 2008	January 2008
Advances in Gynaecological Imaging and First Trimester Ultrasound	February 2008
Mature Women's Health Care: How to Grow Old Better	April 2008
Refresher in Primary Maternity Care	May 2008
New Developments in Prenatal Diagnosis	May 2008
Infectious Disease in Obstetrics and Gynaecology	June 2008

## Interhospital Rounds:

September 7, 2007

**Dr. Jean Chamberlain**

Department of Obstetrics and Gynaecology, McMaster University and  
Executive Director of Save the Mothers

*Twenty Years of Safe Motherhood around the World: The Pitfalls and the Progress*

October 12, 2007

**Dr. Tom Baskett**

Professor Emeritus  
Department of Obstetrics and Gynaecology  
Dalhousie University, Halifax, Nova Scotia

*Audit of Gynaecological Surgery*

November 16, 2007

**Dr. Karen Rosene-Montella**

Chief of Medicine, Department of Medicine  
Women and Infants Hospital  
Brown University, Providence, Rhode Island, USA

*Thrombosis and Thrombophilia in Pregnancy*

December 14, 2007

**Dr. Gillian Hawker**

Division of Rheumatology  
Women's College Hospital and  
Director of the Multidisciplinary Osteoporosis Program

*Osteoporosis Update for the Obstetrics and Gynaecology Practitioner*

January 11, 2008

**Dr. Isabella Caniggia**

Department of Obstetrics and Gynaecology  
Mount Sinai Hospital  
University of Toronto

*A Story of Life and Death: Pre-Eclampsia and IUGR as Distinct Pathologies*

January 25, 2008

**Dr. Jeffrey Wilkinson**

Co-Director, Duke Center for Minimally Invasive Gynecologic Surgery  
Duke University Medical Center, Durham, North Carolina, USA

***Obstetric Fistula***

June 13, 2008

**Dr. Curt Burger**

Gynecologic Oncologist

Erasmus Medical Centre, Rotterdam, Amstelveen, The Netherlands

***Subfertility, Endometriosis, IVF and the Risk of Breast and Gynecologic Cancer: A Dutch Nationwide Study with a Follow-up of 14 years***



## EDUCATIONAL PARTNERSHIP PROGRAM

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

In the 2007-2008 academic year, we are very pleased that GlaxoSmithKline was able to increase its support from the Gold to Platinum Level. In addition, we gratefully acknowledge the commitment of Bayer Healthcare Pharmaceuticals (formerly Berlex Canada) for its continued support at the Platinum Level.

During this academic year, our previous sponsors, Merck-Frosst, Janssen-Ortho Inc, Organon Canada Ltd. and Ferring Inc. have experienced major restructuring within their organizations and were not able to renew their commitment. However, we are hopeful that this support will be re-established once they have stabilized their infrastructure.

We would like to take this opportunity to thank all of our partners for their generous contribution and continued commitment in support of our educational activities throughout the year.

The 2007-2008 Industry Sponsors are as follows:

### PLATINUM

- Bayer Healthcare Pharmaceuticals
- GlaxoSmithKline

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

### 2007-2008 CHAIR'S AWARDS:

**John Kingdom (MSH)**  
Excellence in Undergraduate Teaching

**Richard Pittini (SHSC)**  
Excellence in Postgraduate Teaching

**Wendy Whittle (MSH)**  
Outstanding Research Potential

**Mathew Sermer (MSH)**  
Sustained Excellence in Research

**Wendy Wolfman (MSH)**  
Excellence in Research Facilitation

**Gareth Seaward (MSH)**  
Excellence in Postgraduate Program Development/Innovation

**Mark Yudin (SMH), Paul Bernstein (MSH), Fay Weisberg (SHSC)**  
Excellence in CME Course Coordination

**Adrian Brown (NYGH)**  
Master Teacher

**Elaine Herer (SHSC)**  
Master Teacher

**Fay Weisberg (SHSC)**  
Master Teacher



### 2007 – 2008 BAYER HEALTHCARE PHARMACEUTICALS AWARDS FOR TEACHING EXCELLENCE:

<b>Adrian Brown</b>	North York General Hospital
<b>Jason Dodge</b>	Mount Sinai Hospital
<b>Perry Phillips</b>	Toronto East General Hospital
<b>Rory Windrim</b>	Mount Sinai Hospital
<b>Herb Wong</b>	Sunnybrook Health Sciences Centre
<b>Suzanne Wong</b>	St. Joseph's Health Centre
<b>Mark Yudin</b>	St. Michael's Hospital



**Jon Barrett**

Appointed Advisor of Maternal Health,  
World Health Organization, 2008

Appointed Program Research Director  
Sunnybrook Health Sciences Center, 2007

**Denise Belsham**

Promotion to Full Professor  
July 1, 2007

**Isabella Caniggia**

Ray J, Nevo O, Wu Y, Jurisicova A, Caniggia I. Hydatidiform mole in twin pregnancy: differential expression of G1 cell cycle regulators A5.31. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, September 2007.

Recipient of first prize for poster presentation at IFPA 2007.

Xu J, Nevo O, Yinon Y, Ray J, Post M, **Caniggia I**. Differential regulation of trophoblast proliferation and differentiation by TGF $\beta$  A6.46. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, September 2007.  
Recipient of C. Loke Travel Award.

Rolfo A, Many A, Post M, **Caniggia I**. Characterization of SIAH-1 isoforms in normal and preeclamptic placentae. IFPA Meeting, Kingston, 2007. Recipient of C. Loke Travel Award.

**José Carvalho**

Best Paper Award, Obstetric Anesthesia, Canadian Anesthesiologists' Society 2008 Annual Meeting, Halifax Canada, May 15-16, 2008

Balki M, Magalhaes J, Parkes R, **Kingdom J**, Li Y, **Carvalho JCA**. Oxytocin pre-treatment decreases oxytocin-induced myometrial contractions in pregnant rats in a dose but not time-dependent manner.

Selected Best Paper, 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, Illinois, USA, April 30-May 4, 2008.

Magalhaes J, **Carvalho JCA**, Parkes R, **Kingdom J**, Li Y, Balki M. Oxytocin pre-treatment decreases oxytocin-induced myometrial contractions in pregnant rats in a dose but not time-dependent manner.

**John Challis**

Named as a 2008 University Professor

**Harold Drutz**

2007 – Appointed Chairman of the International Urogynecological Association (IUGA) Subcommittee on “Educational Guidelines for Training in Urogynecology and Reconstructive Pelvic Surgery for Undergraduate Medical Students, Core Residents in Obstetrics and Gynecology, and Postgraduate Training Programs”

**Stephen Im**

Fitzgerald Academy Problem-Based Learning Teaching Award, 2007-8.



**Andrea Jurisicova**

Ray J, Nevo O, Wu Y, **Jurisicova A, Caniggia I**. Hydatidiform mole in twin pregnancy: differential expression of G1 cell cycle regulators A5.31. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, September 2007.  
Recipient of first prize for poster presentation at IFPA 2007.

**Guylaine Lefebvre**

Honourary membership in appreciation of valuable contributions to the Pacific Northwest Obstetrical and Gynecological Association, August 2007

Appointed president of SOGC effective June 2007. Dr. Lefebvre is the first president from Toronto since Dr. Walter Hannah.

**Clifford Librach**

Ron I, Yie S, **Librach CL**. Identification and production of stem cells with embryonic characteristics from the first trimester umbilical cord.  
First Prize, Basic Science Paper  
Canadian Fertility and Andrology Society Annual Meeting, Halifax, Nova Scotia, Canada, September 2007.

**Stephen Lye**

Association of Professors of Obstetrics and Gynaecology (APOG) 2007  
Excellence in Research Award, December 2007

**Joan Murphy**

Inaugural J. Douglas Crashley Chair in Gynaecologic Oncology Research supported through the Princess Margaret Hospital Foundation, January 2008

**Ori Nevo**

Strategic Training Initiative in Research in Reproductive Health Sciences (STIRRHS) Clinician Fellowship Award, March 2008-March 2009

Phyllis Mary Garton Professorship in the Department of Obstetrics & Gynaecology  
December 2007

Xu J, **Nevo O**, Yinon Y, Ray J, Post M, **Caniggia I**. Differential regulation of trophoblast proliferation and differentiation by TGF $\beta$  A6.46. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, September 2007.  
Recipient of C. Loke Travel Award.



**Arne Ohlsson**

Schmidt B, Roberts RS, Davis P, Doyle LW, Barrington KJ, **Ohlsson A**, Solimano A, Tin W; Caffeine for Apnea of Prematurity Trial Group. Long-term effects of caffeine therapy for apnea of prematurity. *N Engl J Med* 2007 Nov 8;357(19):1893-902.

Selected for the first annual "Society of Clinical Trials/ImpACT Trial of the Year" award.

Friedrich JO, Adhikari NKJ, Ohlsson A, Beyene J. Ratio of means as an alternative to mean differences for analyzing continuous outcome variables in meta-analysis: A simulation study. XIV Cochrane Colloquium, Sao Paulo, October, 2007.

Tom Chalmers award for best oral presentation

**Richard Pittini**

Peters-Boyd Academy Director's Special Award

Faculty of Medicine, May 2007

**Gail Robinson**

Alexandra Symond's Award

American Psychiatric Association, 2008

For sustained outstanding contributions and significant leadership in promoting women's health and the advancement of women. It includes a named lecture at the APA Annual Meeting. To be eligible for this award, a woman must be a member of the APA who has made sustained, high-level contributions and shown significant leadership in advancing women's health.

Distinguished Fellow, American Psychiatric Association 2008

Distinguished Psychiatrist Lecturer, American Psychiatric Association, 2008

**P Gareth Seaward**

Poster award for: Martin A, Atiyah M, Jaeggi, E, **Windrim R, Seaward PGR**, Barrea C. **Ryan G.** Recovery of cardiac function in recipient twins following laser for stage 4 twin-twin transfusion syndrome.

17th World Congress on Ultrasound in Obstetrics and Gynecology (ISSUOG) 2007, Florence, Italy, October 2007.

Appointment – Head, Division of Obstetrics, Mount Sinai Hospital, 1 July 2007

Examiner – Royal College of Physicians and Surgeons of Canada, 1 January 2008

Recipient - MOHLT Scholarship to attend the Rotman School of Management Advanced Health Leadership Program, February 2008

Recipient - Anderson Award for Program Innovation, Wightman Berris Academy, June 2008

**Abheha Satkunaratanam**

Council of Resident Education in Obstetrics and Gynaecology (CREOG) Teaching Award - American College of Obstetricians and Gynecologists (ACOG), 2008, Resident-nominated and Council approved national award for postgraduate education.

**Michael Shier**

2008 Sunnybrook Champion of Care. Sunnybrook Foundation.  
Sunnybrook Health Sciences Centre, Toronto.

**Donna Stewart**

CIHR/Royal Society of Canada Visiting Woman Scientist to Japan (WiSET)  
January 2008

**Artin Ternamian**

Jerome J Hoffman Award for Best Postgraduate paper  
Singh S, Marcoux V, Ternamian A. Core competencies for gynaecologic endoscopy education in general Ob/Gyn training: The Canadian Endoscopy Education Study.  
36th Global Congress of Minimally Invasive Gynecology, Washington DC. USA,  
17 November 2007.

**Paul Thistle**

Royal College of Physicians and Surgeons of Canada Teasdale-Corti Humanitarian Award.

**Ants Toi**

**Lausman A**, Jeunen J, Kingdom J, Shannon P, Widjaja E, **Ryan G**, **Chitayat D**, Raybaud C, **Toi A**, Rohrmach M, Blaser S. Periventricular brain cysts.  
International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) meeting, Florence, Italy, October 7-11, 2007.  
Awarded first prize for session

**Rory Windrim**

Colin Woolf Award for Long-Term Contributions to Continuing Education  
University of Toronto

**Rory Windrim, Gareth Seaward, Greg Ryan**

Martin AM, Atiya M, Jaeggio E, **Windrim R**, **Seaward G**, Hornberger L, **Ryan G**.  
Recovery of cardiac function in recipient twins following laser for stage 4 TTTS.  
Best Oral Presentation Award, International Society for Ultrasound in Obstetrics and Gynecology, Florence, Italy 2007.

**Wendy Wolfman**

Wolfman W. Pathological findings in symptomatic and asymptomatic postmenopausal women undergoing hysteroscopy, Society of Obstetricians and Gynaecologists Annual Meeting, Calgary, Alberta, June 2008, Senior author, Best of 4.



## PEER-REVIEWED PUBLICATIONS

### Original Research

Abdel-Malek N, Chiarelli A, Sloan M, **Stewart DE**, Mai V, Howlett R. Influence of physician and patient characteristics on adherence to breast cancer screening recommendations. *Eur J Cancer Prev* 2008 Feb; 17(1):48-53.

Abou-Nassar K, Kovacs MJ, Kahn SR, Wells P, Doucette S, Ramsay T, Clement AM, Khurana R, Mackinnon K, Blostein M, Solymoss S, **Kingdom J**, **Sermer M**, Rey E, Rodger M; TIPPS investigators. The effect of dalteparin on coagulation activation during pregnancy in women with thrombophilia. A randomized trial. *Thromb Haemost* 2007 Jul;98(1):163-71.

Acton BM, Lai I, Shang X, **Juriscova A**, **Casper RF**. Neutral mitochondrial heteroplasmy alters physiological function in mice. *Biology of Reproduction* 2007 Sep;77(3):569-76.

Aggarwal A, **Shier RM**. Recalcitrant trichomonas vaginalis infections successfully treated with vaginal acidification. *J Obstet Gynaecol Can* 2008 Jan;30(1):55-8.

**Akoury H**, Sherman C. Uterine wall partial thickness necrosis following combined B-Lynch and Cho square sutures for the treatment of primary postpartum hemorrhage. *JOGC* 2008 May;30(5):421-4.

Arzola C, Balki M, **Carvalho JC**. The antero-posterior diameter of the lumbar dural sac does not predict sensory levels of spinal anesthesia for Cesarean delivery. *Can J Anaesth* 2007 Aug;54(8):620-5.

Bähring S, Kann M, Neuenfeld Y, Gong M, **Chitayat D**, Toka HR, Toka O, Plessis G, Maass P, Rauch A, Aydin A, Luft FC. Inversion region for hypertension and brachydactyly on chromosome 12p features multiple splicing and noncoding RNA. *Hypertension* 2008 Feb; 51(2):426-31.

Balki M, Dhumne S, Kasodekar S, **Kingdom J**, **Windrim R**, **Carvalho JC**. Oxytocin-ergometrine co-administration does not reduce blood loss at caesarean delivery for labour arrest. *BJOG* 2008 Apr;115(5):579-84.

Balki M, Kasodekar S, Dhumne S, **Bernstein P**, **Carvalho JC**. Remifentanyl patient-controlled analgesia for labour: optimizing drug delivery regimens. *Can J Anaesth* 2007 Aug;54(8):626-33.

Bambao C, Rasty G, Bandarchi B, **Shier M**. Benign ductal hyperplasia and adenosis of mammarylike glands of the vulva. *J Low Genit Tract Dis* 2008 Jan;12(1):32-4.

Barbera L, **Thomas G**, Elit L, **Covens A**, **Fyles A**, **Osborne R**, Yun L. Treating vulvar cancer in the new millennium: are patients receiving optimal care? *Gynecol Oncol* 2008 Apr;109(1):71-5. Epub 2008 Jan 29.

Barua M, Hladunewich M, **Keunen J**, Pierratos A, McFarlane P, Sood M, Chan CT. Successful pregnancies on nocturnal home hemodialysis. *Clin J Am Soc Nephrol* 2008 Mar;3(2):392-6.

Bates HE, Kiraly MA, Yue JT, Goche Montes D, Elliott ME, Riddell MC, **Matthews SG**, Vranic M. Recurrent intermittent restraint delays fed and fasting hyperglycemia and improves glucose return to baseline levels during glucose tolerance tests in the Zucker diabetic fatty rat--role of food intake and corticosterone. *Metabolism* 2007 Aug;56(8):1065-75.

Beck J, Brander L, Slutsky AS, Reilly MC, **Dunn MS**, Sinderby C. Non-invasive neurally adjusted ventilatory assist in rabbits with acute lung injury. *Intensive Care Med* 2008 Feb;34(2):316-23. Epub 2007 Oct 25.

Bedaiwy MA, Shokry M, Mousa N, **Claessens EA**, **Esfandiari N**, Gotlieb L, **Casper RF**. Letrozole co-treatment in infertile women 40 years old and older receiving controlled ovarian stimulation and intrauterine insemination. *Fertil Steril* 2008 May. [Epub ahead of print]

Beigi RH, **Yudin MH**, Cosentino L, Meyn LA, Hillier SL. Cytokines, pregnancy and bacterial vaginosis: comparison of cervical cytokine levels between pregnant and non-pregnant women with bacterial vaginosis. *J Infect Dis* 2007;196:1355-60.

Bentov Y, **Casper RF**. Menopause. Sex hormone receptors and testosterone in postmenopausal women. 2008 Mar-Apr;15(2):210-1.

Bergman B, Ahmad F, **Stewart DE**. Work family balance, stress and salivary cortisol in men and women academic physicians. *Int J Behav Med* 2008 Jan-Mar;15(1):54-61.

Bertram C, Khan O, Ohri S, Phillips DI, **Matthews SG**, Hanson MA. Transgenerational effects of prenatal nutrient restriction on cardiovascular and hypothalamic-pituitary-adrenal function. *J Physiol* 2008 Apr;586(8):2217-29.

Bishara R, **Dunn MS**, Merko SE, Darling P. Nutrient composition of hindmilk produced by mothers of very low birth weight infants born at less than 28 weeks' gestation. *J Hum Lact* 2008 May;24(2):159-67.

Black D, Levine DA, Nicoll L, Chou JF, Iasonos A, Brown CL, Sonoda Y, Chi DS, Leitao MM, Abu-Rustum NR, **Ferguson SE**, Barakat RR. Low risk of complications associated with the fenestrated peritoneal catheter used for intraperitoneal chemotherapy in ovarian cancer. *Gynecol Oncol*. 2008 Apr;109(1):39-42. Epub 2008 Jan 29

Blackmore ER, Munce SE, Weller I, Zagorski BM, Stansfeld SA, **Stewart DE**, Cain ED, Conwell Y. Psychosocial and clinical correlates of suicidal acts: Results from a national population survey. *Br J Psychiatry* 2008 April; 192:279-84.

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## Invited Papers, Commentaries, Editorials, Reviews and Book Chapters

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# INVITED LECTURES AND VISITING PROFESSORSHIPS

## International

**Adamson SL.** Cardiac function in a mouse model of IUGR. 5th International Congress on Developmental Origins of Health & Disease, Perth, Australia, November 6-10, 2007.

**Adamson SL.** Placental vascular disease in mouse models of intrauterine growth restriction. 40th Annual Meeting, Society for the Study of Reproduction, San Antonio, Texas, USA, July 21-25, 2007.

**Adamson SL.** Placental vascularity and hemodynamics in mouse model of intrauterine growth restriction 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference. Plenary Session – Establishing the Maternal-Fetal Interface, Kingston, Ontario, Canada, August 17-21, 2007.

**Adamson SL.** The placental circulation in mice, in health and models of disease. The Victor Chang Cardiac Research Institute, Developmental Biology Unit Seminar, Darlinghurst, Australia, November 12, 2007.

**Allen LM,** Grover S, Jayasinghe D, Miller D, Lara-Torre E, Dietrich J. Surgical Debate – Moderator and coordinator. North American Society of Pediatric and Adolescent Gynecology (NASPAG), Newport Beach, California, USA, April 16-18, 2008.

**Bain J.** The political dilemma of andropause: Canadian third party payer attitudes toward Hormone Replacement Therapy. Symposium. Canadian Society for the Study of the Aging Male (CSSAM), The 6th World Congress on the Aging Male, Tampa, Florida, USA, February 21-24, 2008.

**Bain J.** Chronic opioid therapy and androgens: Management update. Common Threads IX, American Society of Addiction Medicine Toronto, Ontario, Canada, April 10, 2008.

**Barrett J.** Delivery of twins and the Twin Birth Study. Collaborators Meeting for Attendees at the Brazilian Congress, Foraleza Hospital, Foraleza, Brazil, November 2007.

**Barrett J.** Delivery of twins and the Twin Birth Study. Invited Symposium. Afula Hospital, Afula, Israel, January 2008.

**Barrett J.** Delivery of twins and the Twin Birth Study. Invited Symposium. Tiberias Hospital, Tiberias, Israel, December 2007.

**Barrett J.** Delivery of twins and the Twin Birth Study. Invited Collaborators Meeting. Tel-Aviv Hospital, Tel-Aviv, Israel, December 2007.

**Barrett J.** Setting the World Health Organization research agenda 2010-2015. Invited Symposium, World Health Organization, Malaga, Spain, June 2008.

**Belsham DD.** Cellular basis of nutrient and hormone signaling in the hypothalamus. Symposium talk. Experimental Biology Meeting, Federation of American Societies for Experimental Biology (FASEB), San Diego, California, USA, April 2008.



**Belsham DD.** The riddle behind the reproduction-obesity connection: Is neuropeptide Y an answer? Reproduction Focus Group Meeting, NIH supported, University of California, San Diego, San Diego, California, USA, 2007.

**Belsham DD.** The puzzle that is obesity: Putting the pieces together using novel hypothalamic cell model systems. Endocrine Grand Rounds at BIDMC, Harvard Medical School, Boston, Massachusetts, USA, 2007.

**Belsham DD.** The riddle behind the reproduction-obesity connection: Is neuropeptide Y an answer? Department of Physiology, University of Cordoba, Cordoba, Spain, 2007.

**Bocking AD.** Prediction of preterm birth in symptomatic women using decision tree modeling for biomarkers. American Gynaecological and Obstetrical Society, Chicago, Illinois, USA, September 2007.

**Bocking AD.** Infection mediated preterm labour. Grand Rounds, Department of Reproductive Health, Moi University School of Medicine, Eldoret, Kenya, November 2007.

**Bocking AD.** Probiotics and perinatal health, Gordon Research Conference on New Antibacterial Discovery and Development, Il Ciocco, Italy, March, 2008.

**Caniggia I.** Oxygen sensing and the molecular basis for preeclampsia and intrauterine growth restriction. Invited Speaker. University of Dallas, Dallas, Texas, USA, 2007.

**Carvalho JCA.** A non-particulate antacid should be used routinely in all patients undergoing cesarean section. Con side. Pro-Con Debate. 5th International Annual Meeting of the Indonesian Society of Obstetric Anesthesia, Jakarta, Indonesia, February 12-14, 2008.

**Carvalho JCA.** Anesthesia and postoperative analgesia for cesarean delivery: State of the Art. Presented at the XXXII Jornada Norte-Nordeste de Anestesiologia, Aracaju, Brazil, March 27-29, 2008.

**Carvalho JCA.** Comprehensive regional anesthesia hands-on cadaver, Workshop. 61st Post-Graduate Assembly, New York, New York, USA, December 7-11, 2007.

**Carvalho JCA.** High Risk Obstetrics: Antepartum and postpartum hemorrhage. Presented at the XXXII Jornada Norte-Nordeste de Anestesiologia, Aracaju, Brazil, March 27-29, 2008.

**Carvalho JCA.** High Risk Obstetrics: Cardiac disease. Presented at the XXXII Jornada Norte-Nordeste de Anestesiologia, Aracaju, Brazil, March 27-29, 2008.

**Carvalho JCA.** How to make anesthesia for urgent cesarean section safer: Spinal, epidural or CSE? Panel Moderator and Panelist: 54th Brazilian Congress of Anesthesiology, Natal, Brazil, November 10-14, 2007.

**Carvalho JCA.** Labor epidural anesthesia: Is it possible to make it always work? Midwest Anesthesiology Conference, Chicago, Illinois, USA, November 2-3, 2007.

**Carvalho JCA.** Making epidurals less blind: Ultrasound and electrical stimulation of the catheter. 5th International Annual Meeting of the Indonesian Society of Obstetric Anesthesia, Jakarta, Indonesia, February 12-14, 2008.



**Carvalho JCA.** Obstetric anesthesia and neonatal outcome. 14th World Congress of Anesthesiologists, Cape Town, South Africa, March 2-7, 2008.

**Carvalho JCA.** PBLD: Severe Preeclampsia. 5th International Annual Meeting of the Indonesian Society of Obstetric Anesthesia, Jakarta, Indonesia, February 12-14, 2008.

**Carvalho JCA.** Spinal Ultrasound. Workshop. 5th International Annual Meeting of the Indonesian Society of Obstetric Anesthesia, Jakarta, Indonesia, February 12-14, 2008.

**Carvalho JCA.** Regional anesthesia in Obstetrics: Ultrasound and electro-stimulation of the epidural catheter (Tsui test). Panel Moderator and Panelist. 13th Congress on Regional Anesthesia and Pain Management of the Latin American Society of Regional Anesthesia, Brazilian Chapter, Sao Paulo, Brazil, August 24-26, 2007.

**Carvalho JCA.** Regional anesthesia in the morbidly obese parturient. 13th Congress on Regional Anesthesia and Pain Management of the Latin American Society of Regional Anesthesia, Brazilian Chapter, Sao Paulo, Brazil, August 24-26, 2007.

**Carvalho JCA.** Spinal ultrasound, adult neuraxial block. 5th Annual International Symposium on Ultrasound and Regional Anesthesia. Toronto, Ontario, Canada, April 24-27, 2008.

**Carvalho JCA.** Spinal ultrasound for spinals and epidurals. Workshop Instructor (3 sessions). 13th Congress on Regional Anesthesia and Pain Management of the Latin American Society of Regional Anesthesia, Brazilian Chapter, Sao Paulo, Brazil, August 24-26, 2007.

**Carvalho JCA.** The use of ultrasound in regional anesthesia in obstetric. 14th World Congress of Anesthesiologists, Cape Town, South Africa, March 2-7, 2008.

**Carvalho JCA.** Use of ultrasound in obstetric anesthesia. 54th Brazilian Congress of Anesthesiology, Natal, Brazil, November 10-14, 2007.

**Carvalho JCA.** Uterotonic drugs: Do we know what we are doing? Refresher Course on Obstetric Anesthesia (pre-World Congress Satellite meeting), Cape Town, South Africa, March 2, 2008.

**Carvalho JCA.** What is new in obstetric anesthesia. 54th Brazilian Congress of Anesthesiology, Natal, Brazil, November 10-14, 2007.

**Casper RF.** 5th World Congress on Ovulation Induction, Italy, September 9-16, 2007.

**Casper RF.** IVI Conference, Barcelona, Spain, September 18-21, 2007.

**Colgan TJ.** Cytopathology. Evening Session, Invited panelist. United States and Canadian Academy of Pathology 97th Annual Meeting, Denver, Colorado, USA, March 1-7, 2008.

**Colgan TJ.** Endometrioid adenocarcinoma of endometrium in a peritoneal lavage specimen. Invited workshop director with Drs. R. Riddell and F. O'Malley, United States and Canadian Academy of Pathology 97th Annual Meeting, Denver, Colorado, USA, March 1-7, 2008.

**Colgan TJ.** The 2006 ASCCP Consensus Guidelines for the Management of Cervical Cytological Abnormalities. Invited lecturer & discussant : Africa Calls Teleconference, March 25, 2008.

**Colgan TJ.** The 2006 ASCCP's Consensus Guidelines for the Management of Women with Cervical Cytological Abnormalities & Cervical Intraepithelial Neoplasia: What's changed? Invited moderator & panelist with Drs. Darragh and Solomon. American Society of Cytopathology 55th Annual Meeting, Houston, Texas, USA, November 3, 2007.

**Colgan TJ.** The ASCCP's Consensus Conference for the Management of Women with Cervical Cytological Abnormalities & Cervical Intraepithelial Neoplasia: What's changed? Invited workshop director with Dr. Theresa Darragh of UCSF: College of American Pathologists' Annual Meeting, Chicago, Illinois, USA, October 3, 2007.

**Covens A.** Extent of radicality for surgery in cervix cancer. Gynecologic Cancer Symposium, Management of Cervix Cancer, Odense, Denmark, 2007.

**Covens A.** Radical trachelectomy: Trick or trade? Society of Gynecologic Oncologists (SGO) First Annual Summer Meeting, Sonoma, California, USA, 2007.

**Covens A.** Patients with recurrent ovarian cancer who achieved a clinical complete remission with initial platinum based chemotherapy and experienced at least 6 months before recurrence should not receive platinum based chemotherapy after any indicated surgery. 5th International Symposium on Ovarian Cancer & Other Gynecologic Malignancies, Physicians' Education Resource, New York, New York, USA, 2008.

**Covens A.** Prospective assessment of lymphatic dissemination in endometrial cancer: A paradigm shift in surgical staging. Discussant. 40th Annual Meeting of the Society of Gynecologic Oncologists, Tampa, Florida, USA, March 9-12, 2008.

**Covens A.** Sentinel lymph node biopsies will become the standard method of assessing lymph nodes in cervical and vulvar cancer. British Gynaecologic Cancer Society, Belfast, Ireland, 2007.

**Derzko C.** Implications of the effects of menopausal hormones on breast density. IMS Madrid, 12th World Congress on the Menopause Madrid, Spain, May 2008.

**Derzko C.** Starting HT in the menopausal woman : Low dose vs high dose. NovoNordisk, NAMS AGM, Dallas, Texas, USA, September 2007.

**Farine D.** Active mismanagement of labor. Cornell University Grand Rounds. Cornell, New York, USA, February 10-12, 2008.

**Farine D.** Active mismanagement of labor – Can we do better? Grand Rounds. Cedars-Sinai Medical Center, Los Angeles, California, USA, March 5, 2008.

**Farine D.** Can labour management be improved by accurate and continuous measurements of cervical dilatation and head descent? 2nd New European Surgical Academy (NESA) Days Conference, Istanbul, Turkey, September 1, 2007.

**Farine D.** Do we need all the newer techniques: STAN monitor, pulse oximetry, cervicometry? 2nd Asia Pacific Controversies in Obstetrics, Gynecology and Infertility (COGI) Congress, Shanghai, China, November 9, 2007.

**Farine D.** Fetal Assessment Update. 60th Anniversary Shanghai 1st Maternity and Infant Hospital, Shanghai, China, November 10, 2007.

**Farine D.** Fetal kick count – Are they really not indicated? 2nd Asia Pacific Controversies in Obstetrics, Gynecology and Infertility (COGI) Congress, Shanghai, China, November 9, 2007.

**Farine D.** Induction of labour: Medico-legal issues. 8th World Congress of Perinatal Medicine, Florence, Italy, September 9-13, 2007.

**Farine D.** Medico-legal issues in Ob/Gyn – The Canadian Experience. 2nd New European Surgical Academy (NESA) Days Conference, Istanbul, Turkey, September 1, 2007.

**Farine D.** Medico-legal issues in Obstetrics – The Canadian experience. MFM Rounds. Cedars-Sinai Medical Center, Los Angeles, California, USA, March 5, 2008.

**Farine D.** Mismanaging labour. The XI Bulgarian National Congress. Plovdiv, Bulgaria, October 12, 2007.

**Farine D.** Mismanaging labour – What can we do? Grand Rounds University Hospitals Case Medical Center, MacDonald Women's Hospital, Cleveland Ohio, USA, November 16, 2007.

**Farine D.** Monitoring of fetal movements. The XI Bulgarian National Congress. Plovdiv, Bulgaria, October 12, 2007.

**Farine D.** Screening for gestational diabetes, What is the controversy? 2nd Asia Pacific Controversies in Obstetrics, Gynecology and Infertility (COGI) Congress, Shanghai, China, November 10, 2007.

**Farine D.** The fetus as a patient – Fetal movement count – The New Canadian Guidelines. Frankfurt, Germany, June 14, 2008.

**Farine D.** Why do we need a cervicometer? 8th World Congress of Perinatal Medicine, Florence, Italy, September 9, 2007.

**Ferguson SE.** Pilot of an outpatient regimen of intraperitoneal chemotherapy for the treatment of advanced ovarian cancer. Discussant, Society of Gynecologic Oncology 39th Annual Meeting, Tampa, Florida, USA, March 2008,

**Juriscova A.** Environmental contaminants and female reproduction Postgraduate Course, ASRM, Washington, DC, USA, October 2007.

**Keunen J.** Renal issues in Obstetrics. Medical Disorders in Pregnancy Symposium, Society of Maternal-Fetal Medicine Annual Meeting, Dallas, Texas, USA, January 2008.

**Kingdom J.** Does the placenta deserve its own clinic? 13th International Federation of Placenta Associations 2007 Meeting, Kingston, Ontario, Canada, August 2007.

**Kingdom J.** Does the placenta deserve its own clinic? University College London, London, United Kingdom, September 2007.

**Kingdom J.** Placenta insufficiency – will it be preventable by 2010? British Association of Perinatal Medicine & British Society of Maternal-Fetal Medicine, Annual Scientific Meeting, Harrogate, United Kingdom, June 2008.

**Kives S.** Contraception update. NASPAG Annual Meeting, Newport Beach, California, USA, April 2008.

**Kives S.** Endometriosis and pelvic pain in adolescents. Congenital Anomalies, and Pediatric Gynecology – The Future, LVIII Mexican National Meeting, Precongress Postgraduate course, Monterrey, Mexico, September 2007.

**Kives S.** Laparoscopic hysterectomy. SOGC Offshore Course, Antigua, Guatemala, March 2008.

**Kives S.** PCOS in the Adolescent. Pediatric grand rounds, Second Annual Sally Perlman Lectureship, Louisville, Kentucky, USA, September 2007.

**Lambe EK.** Aberrant nicotinic currents in prefrontal cortex of fragile X mice during development. Impulsivity and Frontal Lobes: Roles in Psychopathology and Addiction Conference, Morzine, France, January 2008.

**Lambe EK.** Developmentally modulated excitation of prefrontal layer VI circuitry by nicotinic acetylcholine receptors. Winter Brain Conference, Snowbird, USA, January 2008.

**Lambe EK.** Nicotine, corticothalamic neurons, and attention. Karolinska University Hospital, Huddinge, Stockholm, Sweden, August 2007.

**Lambe EK.** Nicotinic receptors and the development of attention circuitry. Department of Neuroscience, Karolinska Institute, Stockholm, Sweden, August 2007.

**Lefebvre G.** Is our specialty headed toward a division of obstetrics from gynaecology? Panel discussion, RANZOG, GoldCoast, Australia, October 2007.

**Lefebvre G.** Is there still a role for diagnostic laparoscopy? Pacific Northwest Obstetrical and Gynecological Association, Annual scientific meeting, Kananaskis, Alberta, August 2007.

**Lefebvre G.** Skill maintenance in gynecologic surgery. Society of Obstetricians and Gynaecologists/American College of Obstetricians and Gynecologists Joint Meeting, Antigua, Guatemala, March 2008.

**Lefebvre G.** Surgical simulation in gynecologic surgery. Pacific Northwest Obstetrical and Gynecological Association, Annual scientific meeting, Kananaskis, Alberta, August 2007.

**Lefebvre G.** Teaching gynecologic surgery, local and national perspective, Nordic Society of Obstetrics and Gynecology, Iceland, June 2008

**Lefebvre G.** Vaginal vault prolapse: Causes and cures. Pacific Northwest Obstetrical and Gynecological Association, Annual scientific meeting, Kananaskis, Alberta, August 2007.

**Letarte M.** The TGF- $\beta$  Superfamily. TGF- $\beta$  superfamily pathways defective in vascular disorders. Federation of American Societies for Experimental Biology Summer Research Conference. Tuscon, Arizona, USA, July 14-19, 2007.

**Letarte M.** A soluble form of endoglin implicated in the pathogenesis and preeclampsia. 13th International Congress of Immunology. Rio de Janeiro, Brazil, August 21-25, 2007.

**Letarte M.** Hereditary hemorrhagic telangiectasia (HHT): genetic clues to the pathophysiology of brain AVMs. Session on molecular biology and genetics of brain aneuysms and AVMs. The International 2008 Stroke Conference, New Orleans, Louisiana, USA, February 20-22, 2008.

**Letarte M.** Signaling pathways associated with AVMs. Biology of vascular malformations of the brain. National Institute of Neurological Disorders and Stroke, Washington, DC, USA, March 13-14, 2008.

**Letarte M.** The microcirculation in acute viral and bacterial infections. eNOS uncoupling in the vascular endothelium associated with disorders such as hereditary hemorrhagic telangiectasia. McLaughlin Symposium 2007, Galveston, Texas, USA, November 15-17, 2007.

**Leyland N.** Endoscopic surgery in gynaecology. Invited Speaker and Visiting professor, University of Botswana, Gaborone, Botswana, April 2008.

**Leyland N.** Laparoscopic cervical cerclage. Keynote Lecture. The Belfast Society of OB/GYN: and Surgical Demonstration, Belfast, UK, October, 2007.

**Leyland N.** Laparoscopic cervical cerclage. Lecture and surgical demonstration. The Windsor Ontario and Detroit OB/GYN Societies, Windsor, Ontario, February, 2008.

**Leyland N.** The Canadian experience with endometrial ablation. Keynote Address. The Royal College of Obstetricians and Gynaecologists Meeting, London, UK, September 2007.

**Leyland N.** Surgical Preceptorships and Teaching in the Princess Marina Hospital, Gaborone, Botswana, April 2008.

**Librach C.** Reduced HLA-G expression in pre-eclampsia: Could this be a significant factor in the pathophysiology of this condition? Invited Lecture. International Federation of Placenta Associations Annual Meeting, Kingston, Ontario, September, 2007.

**Lye SJ.** Preterm birth research – Exploiting the genome. Conference on Preterm Birth, Bangkok, Thailand, November 2007.

**Lye SJ.** Principles underlying the Developmental Origins of Health and Disease. Conference on Developmental Origins of Health and Disease, Bangkok, Thailand, November 2007.

**Matthews SG.** Invited Plenary Talk. 5th International Congress on Developmental Origins of Health and Disease Satellite Meeting, Bangkok, Thailand, November 2007.

**Matthews SG.** Invited Symposium Talk. Symposium ‘Neurodevelopment and Behaviour’, 5th World Congress of Developmental Origins of Health and Disease, Perth, Australia, November 2007.

**Matthews SG.** Invited Symposium Talk. 90th Annual Meeting of the Endocrine Society, San Francisco, USA, June 2008.

**Matthews SG.** Invited Symposium Talk. Fetal Physiology Symposium, 55th Annual Meeting of the Society for Gynecologic Investigation, San Diego, USA, March 2008.

**Matthews SG.** Invited talk. The HPA Axis and Developmental Origins of Health and Disease Satellite Meeting, Rottneest Island, Australia, November 2007.

**Matthews SG.** Invited Seminar. 4th Annual Summer NIH/CIHR Institutes Maternal-Fetal Pharmacology Reproductive and Perinatal Epidemiology Meeting, Vermont, USA, July 2008.

**Matthews SG.** Seminar. Karolinska Institute-University of Toronto Workshop, Stockholm, Sweden, August 2007.

**Maxwell C.** Critical care in pregnancy. Invited Speaker, Obstetrical Hemorrhage: The Obstetrician's Viewpoint. American Thoracic Society (ATS) Meeting, Toronto, Ontario, Canada, March, 2008.

**Maxwell C.** The obese parturient. Invited Speaker. SMFM Postgraduate Course, Obstetric Medicine Scientific Forum, Dallas, Texas, USA, January 2008.

**Murphy KE.** Introduction to evidence-based medicine. XXV Congreso Internacional De Obstetricia y Ginecologia – SOGIBA 2007, Buenos Aires, Argentina, July 2007.

**Murphy KE.** Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study: Presentation of Primary Study Outcomes. Toronto, Ontario, September 2007.

**Murphy KE.** Ongoing clinical trials at MIRU. XXV Congreso Internacional De Obstetricia y Ginecologia – SOGIBA 2007, Buenos Aires, Argentina, July 2007.

**Murphy KE.** The importance of randomized controlled trials. XXV Congreso Internacional De Obstetricia y Ginecologia – SOGIBA 2007, Buenos Aires, Argentina, July 2007.

**Ohlsson A.** J A Comenius School of Infancy - Advice on Motherhood and Early Infant Stimulation. Pediatric Academic Societies' Annual Meeting, Honolulu, Hawaii, May 2-6, 2008.

**Pairaudeau N.** VBAC controversies and uterine rupture. Tel Hashomar Hospital, Tel Aviv, Israel, September 3, 2007.

**Robinson GE.** Psychological consequences of miscarriage and pregnancy termination. American Psychiatric Association, Washington DC, USA, May 2008.

**Robinson GE.** Psychological consequences of miscarriage and pregnancy termination. Conference on Psychiatry for the Person. World Psychiatric Association, Paris, France, February 2008.

**Robinson GE.** What women want. Distinguished Psychiatrist Lecture. American Psychiatric Association, Washington, DC, USA, May 2008.

**Rogers I.** Embryonic stem cell and hematopoietic stem cells for clinical use. Primary Care Focus Symposium. Baptist Health South Florida, June 2008.

**Rogers I.** Multipotential stem cells from umbilical cord blood. Department of Obstetrics and Gynecology, University of Pennsylvania, Philadelphia, Pennsylvania, USA, November 2007.



**Ryan G.** Monochorionic diamniotic twin pathology other than TTS. 14th International Conference on Prenatal Diagnosis and Therapy, Vancouver, Canada, June 1-4, 2008.

**Ryan G.** Optimal anaesthesia for fetoscopic selective laser ablation for TTTS. Eurofoetus meeting, Leuven, Belgium, May 17-18, 2008.

**Ryan G.** Predictiveness of simple cardiovascular parameters in relation with outcome of laser in TTS. Eurofoetus meeting, Leuven, Belgium, May 17-18, 2008.

**Ryan G.** Recovery of cardiac function in recipient twins following laser for Stage 4 TTTS. Eurofoetus meeting, Leuven, Belgium, May 17-18, 2008.

**Ryan G.** Should laser ablation be used for all cases of TTTS? 14th International Conference on Prenatal Diagnosis and Therapy, Vancouver, Canada, June 1-4, 2008.

**Ryan G.** Therapy for fetal lung abnormalities. Festschrift for Professor Charles Rodeck. UCL Elizabeth Garrett Anderson, Institute for Women's Health, London, UK, September 21, 2007.

**Sermer M.** Pregnancy and heart disease. International Conference of the American Thoracic Society – Critical Care in the Pregnant Patient, Toronto, Ontario, Canada, May 2008.

**Sermer M.** Proactive vs. reactive. 18th International Symposium on Adult Congenital Heart Disease, Congenital Heart Disease 2008 & Beyond, Toronto, Ontario, Canada, June 2008.

**Sermer M.** The pregnant cardiac patient and the MFM physician. Society for Maternal-Fetal Medicine 28th Annual Meeting – The Pregnancy Meeting, Dallas, Texas, USA, January 2008.

**Steinberg WM.** Ethical dilemmas in women's health. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Steinberg WM.** Osteoporosis update. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Steinberg WM.** PCOS. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Steinberg WM.** PMS Update. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Steinberg WM.** Postmenopausal adnexal mass. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Steinberg WM.** The unstable bladder. University of Southern Florida, Tampa, Florida, USA, Women's Health update (Australia & New Zealand), February 2008.

**Stewart DE.** Antenatal screening. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Consensus Statement on Women's Mental Health. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Depression in immigrant women. WHO Expert Advisory Committee, Geneva, Switzerland, January 2008.

**Stewart DE.** Gender-sensitive health indicators. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Global inequities. Second International Latin American Congress on Women's Mental Health, Medellin, Colombia, February 2008.

**Stewart DE.** Global inequities in women's mental health. Madrid Conference on Women's Mental Health, Madrid, Spain, May 2008.

**Stewart DE.** Health indicators in three countries. Memorial University Visiting Professor. St. John's, Newfoundland, October 2007.

**Stewart DE.** Inequities in the global village. 3rd International Congress on Women's Mental Health, Melbourne, Australia, March 2008.

**Stewart DE.** International Consensus Statement on Women's Mental Health. Second International Latin American Congress on Women's Mental Health. Medellin, Colombia. February 2008.

**Stewart DE.** International Consensus Statement on Women's Mental Health. Women Psychiatrists Inaugural Meeting, Alicante, Spain, May 2008.

**Stewart DE.** Measuring gender equity across countries. 3rd International Congress on Women's Mental Health, Melbourne, Australia. March 2008.

**Stewart DE.** Menopause and mood disorders. Keynote Speaker. Brazilian Psychiatric Association Annual Meeting, Porto Alegre, Brazil, October 2007.

**Stewart DE.** Mental health policy in Canada. 3rd International Congress on Women's Mental Health, Melbourne, Australia, March 2008.

**Stewart DE.** Mood disorders in perimenopause. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Postpartum depression in immigrant women. The 2nd Conference of Migrant Health in Europe, Malmo, Sweden, May 2008.

**Stewart DE.** Postpartum depression in newcomer women. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Postpartum depression in newcomers. 3rd International Congress on Women's Mental Health, Melbourne, Australia, March 2008.

**Stewart DE.** Postpartum depression systematic literature review. WHO Expert Advisory Committee, Geneva, Switzerland, January 2008.

**Stewart DE.** Practical strategies for becoming a successful medical book author. American Psychological Association, Washington, USA, May 2008.

**Stewart DE.** Psychosocial consideration for DSM-V classification of depression and anxiety disorders. Scientific Expert Panel for DSM-V, London, UK, 2007.

**Stewart DE.** Psychotropic drugs in pregnancy and lactation: An update. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Survey on ethics policies related to child sexual abuse and doctor-patient relationships. World Psychiatric Association, Shanghai, China, September 2007.

**Stewart DE.** Trafficking in women. University of Melbourne Visiting Professor. Melbourne, Australia, September 2007.

**Stewart DE.** Violence against women. Second International Latin American Congress on Women's Mental Health, Medellin, Colombia, February 2008.

**Ternamian A.** Adhesion prevention session: How to enter the abdomen when adhesions are anticipated. Combined Annual Meeting of the European Society for Gynaecological Endoscopy and the International Society for Gynecologic Endoscopy, Portoroz, Slovenia, 5-8 September 2007.

**Ternamian A.** Fundamentals of laparoscopic suturing and tissue approximation. Gynaecological Endoscopic Surgery, University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, 8-18 June 2008.

**Ternamian A.** Medico-legal aspects in gynaecologic endoscopy. Gynaecological Endoscopic Surgery Course, University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, 8-18 June 2008.

**Ternamian A.** Risk awareness in laparoscopy. World Congress of Gynecologic Endoscopy. 17th Annual Congress of the International Society for Gynecologic Endoscopy, Bari, Italy, 4-7 June 2008.

**Toi A.** Proliferation and migration disorders. Fetal Neurosonology Course, International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, October 7, 2007.

**Weisberg F.** Management of abnormal uterine bleeding. Seminar. SAMSO University of Toronto Primary Care symposium, AARAMCO Hospital, Damman, Saudi Arabia, April, 2008.

**Weisberg F.** Update on Hormone Replacement Therapy. Seminar. SAMSO University of Toronto Primary Care symposium, AARAMCO Hospital, Damman, Saudi Arabia, April, 2008.

**Weisberg F.** Update on contraception. Seminar. SAMSO University of Toronto Primary Care symposium, AARAMCO Hospital, Damman, Saudi Arabia, April, 2008.

**Weisberg F.** Update on HPV. Seminar. SAMSO University of Toronto Primary Care symposium, AARAMCO Hospital, Damman, Saudi Arabia, April, 2008.

**Yudin M.** Hepatitis C virus (HCV) in pregnancy. Infections and Inflammation in Pregnancy Scientific Forum. Society for Maternal Fetal Medicine (SMFM) 28th Annual Meeting, Dallas, Texas, USA, January 30, 2008.

## National

**Adamson, SL.** Imaging mouse models of placental disease. 47th Annual Canadian Association for Laboratory Animal Science Symposium (CALAS), Markham Hilton Hotel, Toronto, Ontario, June 7-10, 2008.

**Allen LM,** Jarrell J. When pelvic pain starts in adolescence. Society of Obstetrics & Gynaecology Annual Clinical Meeting, Calgary, Alberta, June 26, 2008.

**Barrett J.** Recruitment initiatives to combat mid-trial fatigue. Invited Poster. Society of Clinical Trials Journal, St. Louis, Missouri, USA, May 2008.

**Barrett J.** The challenges of follow-up in the multicentre randomized controlled trials. Invited Poster, Society for Clinical Trials Journal, St. Louis, Missouri, USA, November 2007.

Beduz MA, Cheng D, Hayeems, K, Mc Gillivray M, tzianetas R, Verscheure L, **Windrim R**  
An interdisciplinary teaching module for patient and family centred care  
Ontario Hospital Association Meeting, September 2007.

**Belsham DD.** The riddle behind the reproduction-obesity connection: Is neuropeptide Y an answer? Department of Obstetrics and Gynaecology, University of British Columbia, Vancouver British Columbia, 2007.

**Blake J.** Communicating complex medical information. Canadian Federation of Medical Women, Calgary, Alberta, June 2008.

**Brown A.** Teaching Ob/Gyn in the Community Hospital Setting. Best practice session – Moderator and Presenter. Society of Obstetricians and Gynaecologists of Canada (SOGC), Calgary, Alberta, June 2008.

**Caccia N.** Development of a Pan-Canadian Web-Based Resident Education Course in the Fundamentals of Paediatric & Adolescent Gynaecology. SOGC Annual Meeting – Section Paediatric & Adolescent Gynaecology, June 2008.

**Carvalho JCA.** Preventing nausea and vomiting during cesarean section. 49th Annual McGill Anesthesia Update. Montreal, Ontario, Canada, May 23-25, 2008.

**Carvalho JCA.** Thrombocytopenia in pregnancy and birth. 6th Annual Refresher Course in Primary Maternity Care, Toronto, Ontario, May 9, 2008.

**Carvalho JCA.** Ultrasound-assisted epidurals and spinals in obstetrics. Department of Anesthesiology, Queen's University, Kingston, Ontario, January 23, 2008.

**Carvalho JCA.** Ultrasound for neuraxial blocks. Workshop Instructor. 52nd Annual Ontario Anesthesia Meeting, Niagara Falls, Ontario, September 27-30, 2007.

**Carvalho JCA.** Ultrasound for neuraxial blocks. Workshop. 49th Annual McGill Anesthesia Update. Montreal, Ontario, Canada, May 23-25, 2008.

**Carvalho JCA.** Ultrasound-guided epidurals and spinals. 52nd Annual Ontario Anesthesia Meeting, Niagara Falls, Ontario, September 27-30, 2007.

**Carvalho JCA.** Use of ultrasound for the institution of labour analgesia. Combined Grand Rounds, Departments of Obstetrics and Anesthesia, Dalhousie University, Halifax, Nova Scotia, October 10, 2007.

**Casper RF.** AI vs CC for ovulation induction. American Society for Reproductive Medicine (ASRM) meeting, Washington D.C., October 15, 2007.

**Casper RF.** Are AIs safe for ovulation induction? American Society for Reproductive Medicine (ASRM) meeting, Washington D.C., October 15, 2007.

**Casper RF.** Endometriosis. Montreal, Quebec, May 9, 2008.

**Casper RF.** New concepts in postmenopausal HT. Ferring Advisory Board Meeting, New York, New York, USA, February 29, 2008.

**Casper RF.** New concepts in postmenopausal HT. Wyeth Advisory Board, Philadelphia, Pennsylvania, USA, November 15, 2007.

**Covens A.** Why use intraperitoneal chemotherapy for ovarian cancer? Department of Medical Oncology, Northwestern Regional Cancer Center, Sudbury, Ontario, 2007.

**Derzko C.** Bio-identical hormones. iENDO Annual Meeting, Toronto, Ontario, February 2008.

**Derzko C.** Menopause management. Ontario College of Family Medicine (AGM), Toronto, Ontario, November 2007.

**Derzko C.** Postmenopausal health. Ontario College Of Family Medicine @ Primary Care Today, Toronto, Ontario, May 2008.

**Derzko C.** Sjogren's Syndrome : Obstetrical & Gynecological considerations. Sjogren's Society Annual National Meeting, Toronto, Ontario, April 2008.

**Derzko C.** WHI & the critical therapeutic window. Primary Care Today, Annual meeting, Toronto, Ontario, May 2008.

**Derzko C.** WHI update 2008 & the critical therapeutic window. Wyeth Women's Health Team Annual National Meeting, Toronto, Ontario, January 2008.

**Dixon M.** Infertility review. Annual Association of Family Practitioners, Toronto, Ontario, November 17, 2007.

**Drutz HP.** Advances in the pharmacologic and conservative treatments of OAB and SUI. Invited Lecture. How to Grow Older Better. 4th Annual Mature Women's Health Care, Mount Sinai Hospital, MacLeod Auditorium, University of Toronto, Toronto, Ontario, April 25, 2008.

**Drutz HP.** Historical review of reconstructive pelvic surgery. Coloplast Canada Corporation, Urology and Continence Care Advisory Board Meeting, Cosmopolitan Hotel, Toronto, Ontario, November 3, 2007.

**Drutz HP.** Minimally invasive slings. Coloplast Canada Corporation, Urology and Continence Care Advisory Board Meeting, Cosmopolitan Hotel, Toronto, Ontario, November 3, 2007.

**Drutz HP.** Minimally invasive slings: A review. Visiting Professor, Division of Urogynecology, University of Ottawa, Ottawa, Ontario, April 28-29, 2008.

**Drutz HP.** The newest and latest in surgical techniques for pelvic floor prolapse and urinary incontinence. Workshop. How to Grow Older Better. 4th Annual Mature Women's Health Care, Mount Sinai Hospital, MacLeod Auditorium, University of Toronto, Toronto, Ontario, April 25, 2008.

**Farine D.** Mismanaging labour – What can we do? Grand Rounds, Department of Ob/Gyn, Queen's University, Kingston, Ontario, November 15, 2007.

**Farine D.** New technologies and their value. Society of Obstetricians & Gynecologists of Canada, Calgary, Alberta, June 26, 2008.

**Halpern S.** Regional anesthesia is safer than general anesthesia for cesarean section -- Con. Canadian Society of Anesthesiologists Annual Meeting, World Trade Convention Centre, Halifax. Nova Scotia, June 16, 2008.

**Juriscova A.** How the oocytes and embryos strive to survive. Laval University, Quebec City, Quebec, February 2008.

**Kingdom J.** IPS and Placental Function. Annual Conference Event for the Association of Ontario Midwives 24th Annual General Meeting and Conference. The Second Stage: Making Midwifery Central in Ontario's Healthcare System, Toronto, Ontario, May 2008.

**Kives S.** Adolescent menstrual disorders and pediatric vulvar dermatoses. 45th Ontario College of Family Physicians' Annual Scientific Assembly, Toronto, Ontario, November 2007.

**Kives S.** Approach to hysterectomy. Society of Obstetricians and Gynaecologists Annual Meeting, Calgary, Alberta, June 2008.

**Lambe EK.** Developmental excitation of corticothalamic neurons by nicotinic receptors. Department of Biology, University of Victoria, Victoria, British Columbia, June 2008.

**Lefebvre G.** How do we learn gynecologic surgery? SOGC West-Central Meeting, March 2008.

**Lefebvre G.** Is there a place today for subtotal hysterectomy? Society of Obstetricians and Gynaecologists of Canada Annual Clinical Meeting, Calgary, Alberta, June 2008.

**Lefebvre G.** Troubleshooting the difficult hysterectomy. SOGC West-Central Meeting, March 2008.

**Lefebvre G.** Who is watching? Skill maintenance in gynecologic surgery, Society of Obstetricians and Gynaecologists Meeting, Quebec City, Quebec, September 2007.

**Leyland N.** Abnormal uterine bleeding in the premenopausal woman Len Lotimer Clinical Obstetrics & Gynecology Update Day, McMaster University, Hamilton, Ontario, Canada, October 24, 2007.

**Lovatsis D.** New techniques for stress incontinence: Tapes and injections. College of Family Physicians of Ontario, Annual Clinical Meeting, Toronto, Ontario, November 15, 2007.



**Matthews SG.** Invited Seminar 3rd Annual Summer Institutes Maternal-Fetal Pharmacology Reproductive and Perinatal Epidemiology Meeting, Bromont, Québec, July 2007.

**Matthews SG.** Invited Talk. Center for Studies in Behavioural Neurobiology, Concordia University, Montreal, Canada, March 2008.

**Matthews SG.** Invited Talk. Presidential Symposium, Annual CCNP Meeting (Canadian College of Neuropsychopharmacology, Toronto, Canada, June 2008.

**Ohlsson A.** Scientific fraud. Subspecialty Resident Lecture, Visiting Professor, Department of Pediatrics, University of Saskatchewan, Saskatoon, Saskatchewan, November 8, 2007.

**Ohlsson A.** Strategies to reduce low birth weight births – In search of evidence. Pediatric Grand Rounds, Visiting Professor, Department of Pediatrics, University of Saskatchewan, November 8, 2007.

**Okun N.** Prenatal screening: A Canadian approach. Canadian Association of Radiologists Annual Scientific Meeting, Ottawa, Ontario, May 2, 2008.

**Okun N.** Universal prenatal screening. Annual Pregnancy and Birth Conference, Toronto, Ontario, December 14, 2007.

**Okun N.** Update on prenatal screening. Gynaecology and First Trimester Ultrasound Conference, Toronto, Ontario, February 22, 2008.

**Pairaudeau N.** Management of labour and delivery with epidural. Beijing Medical School, 5<sup>th</sup> Medical Affiliate Hospital, October 2007.

**Ryan G.** Complications & management of monochorionic twins. HH Allen Day, Department of Obstetrics & Gynaecology, University of Western Ontario, London, Ontario, September 28, 2007.

**Ryan G.** The complicated multiple pregnancy. Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, June 25-28, 2008.

**Ryan G.** Why should we care if twins are identical or fraternal? MIRU – Pregnancy and Birth Current Clinical Issues Annual Conference, Toronto, Ontario, December 14, 2007.

**Sermer M.** Be proactive not reactive – lessons learned. Special Cardiology Rounds, Toronto General Hospital, Toronto, Ontario, November 2007.

**Sermer M.** Controversies in MFM. Lecture To Senior University of Toronto Ob/Gyn Residents, Sunnybrook Health Sciences Centre, Toronto, Ontario, October 2007.

**Sermer M.** Leiomyosarcoma in pregnancy. Medical Disorders in Pregnancy Rounds, Mount Sinai Hospital, Toronto, Ontario, March 2008.

**Sermer M.** Molar pregnancy. Motherisk Rounds, Hospital for Sick Children, Toronto, Ontario, February 2008.

**Sermer M.** Molar pregnancy and the viable fetus. Medical Disorders In Pregnancy Rounds, Mount Sinai Hospital, Toronto, Ontario, October 2007.

**Sermer M.** Pregnant moms with arrhythmia and congenital malformations. MFM Journal Club, Mount Sinai Hospital, Toronto, Ontario, February 2008.

**Sermer M.** Pregnant moms with broken hearts. Maternal-Fetal Medicine Fellows Rounds, Mount Sinai Hospital, Toronto, Ontario, March 2008.

**Sermer M.** Screening for GDM – What is New? Obstetric Malpractice: A Survival Guide for 2008, University of Toronto, Toronto, Ontario, January 2008.

**Sermer M.** The complex cardiac case complicating pregnancy. Medical Disorders of Pregnancy Course, University of Toronto, Toronto, Ontario, November 2007.

**Sermer M.** The complex hematology case. Combined Hematology and MFM symposium , Mount Sinai Hospital, Toronto, Ontario, November 2007.

**Sermer M.** What is a Patient Care Conference? Medical Disorders of Pregnancy Course, University of Toronto, Toronto, Ontario, November 2007.

**Shier RM.** Advances in loop electrosurgical procedures. Society of Obstetricians and Gynaecologists of Canada Regional Meeting, Toronto Eaton Centre Marriot Conference Centre, Toronto, Ontario, April 2008.

**Shier RM.** The New International Vulvar Disease Terminology. Sunnybrook Health Sciences Centre Grand Rounds, Women's College Hospital, Toronto, Ontario, September 28, 2007.

**Shier RM.** ISSVD new terminology and Colposcopic Management Scheme. Division of Gynaecologic Oncology sponsored Seminar and Dinner. Pencer Centre, Princess Margaret Hospital, Toronto, Ontario, October 22, 2007.

**Shier RM.** Vulvar dermatoses. Obstetrics and Gynaecology Grand Rounds. Trillium Hospital, Mississauga, Ontario, June 19, 2008.

**Stewart DE.** Access to third party records in sexual assault. National Judicial Institute and Ontario Judges' Conference. Niagara, Ontario, 2007.

**Stewart DE.** Psychotropic drugs in pregnancy. Society of Obstetricians and Gynaecologists of Ontario. Toronto, Ontario. October 2007.

**Toi, A.** Live obstetrical scanning. Canadian Association of Radiologists (CAR), Ottawa, Ontario, May 2008.

**Wolfman W.** 10 Minute Menopause Update. Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, June 2008.

**Wolfman W.** Asymptomatic endometrial thickness. Breakout Session, Society of Obstetricians and Gynaecologists of Canada, Toronto, Ontario, April 2008.

**Wolfman W.** Bioidentical hormones. Society of Obstetricians and Gynaecologists of Canada, Ontario Regional Meeting, Toronto, Ontario, Canada, April 2008.

**Wolfman W.** Bioidentical hormones. Current hormone replacement in 2008. Is there a role for bioidentical hormones. Ontario Medical Association, Toronto, Ontario, Canada, April 2008.

**Wolfman W.** Hormonal contraception – One size does not fit all. Society of Obstetricians and Gynaecologists of Canada, Ontario Regional Meeting, Toronto, Ontario, Canada, April 2008.

**Yudin M.** Bacterial vaginosis: implications in pregnancy. Plenary Session Presentation. Society of Obstetricians and Gynaecologists of Canada (SOGC) 26th Annual Ontario Continuing Medical Education (CME) Meeting, Toronto, Ontario, Canada, November 29, 2007.

**Yudin M.** Herpes simplex virus (HSV) infections in pregnancy. The 8th Annual Canadian Symposium for Fellows in Infectious Diseases and Microbiology. University of Toronto, Toronto, Ontario, Canada, August 21, 2007.

**Yudin M.** Human papillomavirus (HPV) — emerging new data. Plenary Session Presentation. Society of Obstetricians and Gynaecologists of Canada (SOGC) 4th Annual Gynaecology Ontario Continuing Medical Education (CME) Meeting, Toronto, Ontario, Canada, April 18, 2008.

**Yudin M.** HPV detection and vaccination — myth and reality. Best Practice Breakout Session. Society of Obstetricians and Gynecologists of Canada (SOGC) 4th Annual Gynecology Ontario Continuing Medical Education (CME) Meeting. Toronto, Ontario, Canada. April 18, 2008.

**Yudin M.** Infectious disease — case presentations. Best Practice Breakout Session. Society of Obstetricians and Gynaecologists of Canada (SOGC) 26th Annual Ontario Continuing Medical Education (CME) Meeting, Toronto, Ontario, Canada, November 29, 2007.

**Yudin M.** New trends in STI. Best Practice Session. Society of Obstetricians and Gynaecologists of Canada (SOGC) 64th Annual Clinical Meeting, Calgary, Alberta, Canada, June 27, 2008.



## Local

**Adamson, SL.** Angiogenesis and vascular remodeling in the placenta in health and disease. 7th Annual Anne and Max Tanenbaum Chair Symposium in Biomedical Research, “Angiogenesis and Vascular Remodeling in Development and Disease”, University of Toronto, Toronto, Ontario, May 8, 2008.

**Akoury H.** Advances in prenatal diagnosis. Toronto East General Hospital, Toronto, Ontario, March 2008.

**Allen LM.** Gynecologic causes of acute abdominal pain in the ER. Emergency Medicine Grand Rounds, Hospital for Sick Children, Toronto, Ontario, April 10, 2008.

**Allen LM.** Ovarian cysts through the ages. Dinner Talk, Visiting Dignitary R. T. Weaver Day, McMaster University, Hamilton, Ontario, November 21, 2007.

**Allen LM.** Pediatric gynecology imaging – Radiology/surgery correlation. Pediatric Gynecology Rounds, Hospital for Sick Children, Toronto, Ontario, October 25, 2007.

**Allen LM.** Update on birth control methods and recommendations for teens and young women with diabetes. HPV Vaccine: Issues and Recommendations. Annual Pediatrics Diabetes Update for Health Care Professionals, Toronto, Ontario, March 28, 2008.

**Allen LM.** When pelvic pain starts in adolescence. Visiting Dignitary R. T. Weaver Day, McMaster University Grand Rounds, Hamilton, Ontario, November 21, 2007.

**Bain J.** Effects of Long term methadone use on testosterone levels; Safety of testosterone therapy; Screening of low testosterone patients and treatment with testosterone. First Step Methadone Clinics, Toronto, Ontario, September 25, 2007.

**Bain J.** Effects of long term methadone use on testosterone levels; Safety of testosterone therapy; Screening of low testosterone patients and treatment with testosterone. Ontario Addiction Treatment Centre, Richmond Hill, Ontario, September 19, 2007.

**Bain J.** Metabolic syndrome & low testosterone, testosterone and bones. Toronto, Ontario, July 11, 2007.

**Barrett J.** Delivery of twins and the Twin Birth Study. Invited Collaborators Meeting. Face to Face Steering Committee Meeting, University of Toronto, Toronto, Ontario, May 2008.

**Barrett J.** Incidence of hypertensive disorders in discordant and growth restricted twin pregnancies. Invited Poster, University of Toronto, Toronto, Ontario, June 2008.

**Belsham DD.** Immortalized hypothalamus neurons: From neuroendocrine research to commercialization. Department of Biology, York University, Toronto, Ontario, 2007.

**Berger H.** Utilization of fetal ultrasound in the management of high-risk patients with pre-pregnancy or gestational DM. St. Michael's Hospital Diabetes OUTREACH Program, Toronto, Ontario, June 20, 2008.

**Blake J.** HPV vaccine. Family Practice Grand Rounds, Toronto, Ontario, December 2007.

**Blake J.** HPV vaccine. Southlake Regional Health Centre Memorial Rounds, Newmarket, Ontario, May 2008.

**Bocking AD.** Introduction to Global Reproductive Health. Foundations Course in Global Health, Silverman Centre, Toronto, Ontario, April 2008.

**Bocking AD.** Recent advances in preterm labour management, SOGC 26th Ontario CME Program, Toronto, Ontario, November 2007.

**Caccia N.** Obstetrical suturing and repair of perineal laceration. Ryerson University Midwifery, Toronto, Ontario, April 2008.

**Caccia N.** Management of placenta accrete. Humber River Regional Hospital, Toronto, Ontario, September 2007.

**Caniggia I.** A story of life and death: Preeclampsia and IUGR as distinct pathologies. City Wide Rounds, Department of Obstetrics and Gynaecology, University of Toronto, Toronto, Ontario, 2008.

**Caniggia I.** Molecular determination of IUGR pregnancies. IUGR Workshop, Toronto, Ontario, 2007.

**Carvalho JCA.** CSE for Labor Analgesia, Pro side. Pro-Con Debate. Anaesthesia Practice 2007, Toronto, Ontario, November 23-25, 2007.

**Carvalho JCA.** Strategies for safe obstetric pain management in times of obesity pandemic. 2007 Obstetric Anesthesia Conference, Mount Sinai Hospital, Toronto, Ontario, October 27, 2007.

**Carvalho JCA.** Ultrasound for peripheral blocks, neuraxial blocks and vascular access. Workshop: Anaesthesia Practice 2007, Toronto, Ontario, November 23-25, 2007.

**Carvalho JCA.** What is new in obstetric anesthesia, Department of Anesthesia, North York General Hospital, Toronto, Ontario, December 19, 2007.

**Casper RF.** Approach to infertile women with PCOS. Endocrine rounds, Sunnybrook Hospital, Toronto, Ontario, April 2, 2008.

**Casper RF.** Endometriosis. Abbott Laboratories Dinner presentation, Whitby, Ontario, April 17, 2008.

**Casper RF.** Endometriosis. Dinner presentation for Abbott Laboratories, Thornhill, Ontario, June 18, 2008.

**Casper RF.** Endometriosis. Dinner Presentation for Abbott Laboratories, Toronto, Ontario, January 24, 2008.

**Casper RF.** Stem cells. Mature Women's Health Conference, Toronto, Ontario, April 25, 2008.

**Casper RF.** Stem cells. North York General Hospital Rounds, Toronto, Ontario, January 16, 2008.

**Chitayat D.** An update in prenatal diagnosis and treatment. Division of Clinical and Metabolic Genetics, Hospital for Sick Children, Toronto, Ontario, June 19, 2008.

**Chitayat D.** An update in prenatal diagnosis and treatment. NICU, Toronto, Ontario, October 31, 2007.

**Chitayat D.** An update on medical genetics. The Hospital for Sick Children, Division of Neurosurgery, Toronto, Ontario, February 1, 2008.

**Chitayat D.** Approach to the newborn with multiple congenital abnormalities. Division of Clinical and Metabolic Genetics, Hospital for Sick Children, Toronto, Ontario, August 23, 2007.

**Chitayat D.** Approach to the newborn with multiple abnormalities. NICU, Toronto, Ontario, October 17, 2007.

**Chitayat D.** Biochemical markers in prenatal screening as a tool for diagnosis of single gene disorders. U of T Residents and Fellows in Medical Genetics, Toronto, Ontario, April 10, 2008.

**Chitayat D.** CNS abnormalities - An overview. MSc Program in Genetic Counselling, Toronto, Ontario, April 9, 2008.

**Chitayat D.** Dysmorphology. MSc Program in Genetic Counselling, Toronto, Ontario, September 27, 2007.

**Chitayat D.** From gene to protein to phenotype. Achondroplasia, alpha thalassemia, CF and DMD. MSc Program in Genetic Counselling, Toronto, Ontario, January 24, 2008.

**Chitayat D.** Medical genetics - An overview. Education Day for Advance Practice Nursing Group at Sunnybrook Health Sciences Centre, Toronto, Ontario, March 20, 2008.

**Chitayat D.** Medical genetics and prenatal diagnosis; An overview. Women's College Hospital, Obstetrics and Gynecology Residents, Toronto, Ontario, July 3, 2007.

**Chitayat D.** Medical genetics for the Obstetrician and Gynaecologist. Department of Obstetrics and Gynaecology, Grand Rounds, Mount Sinai Hospital, Toronto, Ontario, October 19, 2007.

**Chitayat D.** Medical genetics, non Mendelian inheritance - An overview. Women's College Hospital, Obstetrics and Gynaecology Residents, Toronto, Ontario, September 11, 2007.

**Chitayat D.** Multifactorial inheritance and multifactorial conditions. MSc Program in Genetic Counselling, Toronto, Ontario, November 29, 2007.

**Chitayat D.** Neural tube defects. MSc Program in Genetic Counselling, Toronto, Ontario, December 19, 2007.

**Chitayat D.** Orofacial development. Cleft lip/cleft palate. MSc Program in Genetic Counselling, Toronto, Ontario, December 19, 2007.

**Chitayat D.** PEARLS in dysmorphology. MSc Program in Genetic Counselling, Toronto, Ontario, September 12, 2007.



**Chitayat D.** Popliteal Pterygium Syndrome. Case and patient presentation. University of Toronto Clinical Ethics Day for Residents, Toronto, Ontario, June 9, 2008.

**Derzko C.** Postmenopausal HT & the critical therapeutic window. Markham Region Physicians, Unionville, Ontario, March 2008.

**Chitayat D.** Prenatal diagnosis - An overview. Division of Clinical and Metabolic Genetics, Hospital for Sick Children, Toronto, Ontario, September 6, 2007.

**Chitayat D.** Prenatal Diagnosis: Prevention, Diagnosis and treatment. University of Toronto residents and fellows in Medical Genetics, Toronto, Ontario, April 3, 2008.

**Chitayat D.** Sex determination. MSc Program in Genetic Counselling, Toronto, Ontario, November 28, 2007.

**Chitayat D.** Sexual differentiation. U of T Residents in Medical Genetics, Toronto, Ontario, January 24, 2008.

**Chitayat D.** The approach to the newborn with ambiguous genitalia. The Hospital for Sick Children, Division of Medical and Metabolic Genetics, Toronto, Ontario, February 14, 2008.

**Chitayat D.** The genetics of twinning. Hospital for Sick Children - NICU, Toronto, Ontario, February 13, 2008.

**Chitayat D.** The genetics of twinning. MSc Program in Genetic Counselling, Toronto, Ontario, October 15, 2007.

**Cruickshank BE.** Fertility options for girls with Mayer Rokitansky Kuster Hauser Syndrome (MRKH). MRKH Day, Hospital for Sick Children, Toronto, Ontario, May 10, 2008.

**Derzko C.** A 2008 Update on the WHI : What do we now know about post menopausal HT? North Toronto Family Practice Group, Toronto, Ontario, March 2008.

**Derzko C.** An update on postmenopausal hormone therapy: The “Critical Therapeutic Window”. Endocrinology Grand Rounds, Department of Medicine / Endocrinology Division, Sunnybrook Hospital, Toronto, Ontario, February 2008.

**Derzko C.** Case-based management of osteoporosis: Rationale for the options. Toronto FP Group, Toronto, Ontario, April 2008.

**Derzko C.** Diagnosing & treating osteoporosis: A patient-centered approach. Albany Clinic Physicians, Toronto, Ontario, February 2008.

**Derzko C.** Implications of the recent WHI data for clinical practice North York Physicians, Toronto, Ontario, May 2008.

**Derzko C.** Is there a critical therapeutic window for starting post menopausal HT? Bay Centre Clinic, Toronto, Ontario, March 2008.

**Derzko C.** Menopause, Hormones and YOU. Manulife Employees Lunch “N Learn, Toronto, Ontario, June 2008.

**Derzko C.** Recent results from the WHI : Does this warrant a change in our attitude to HT use? Kitchener-Waterloo Ob/Gyn Group, Waterloo, Ontario, April 2008.

**Derzko C.** Should I use HT to manage my menopause? – What we now know in 2008. OPG (Ontario Hydro) Employees Lunch ‘N Learn, Toronto, Ontario, April 2008.

**Derzko C.** The nuts and bolts of the WHI including the “critical therapeutic window” concept and the implications for management of the menopausal woman. Novonordisk National Salesforce Training Sessions, Oakville, Ontario, May 2008.

**Derzko C.** The rationale behind post-menopausal vaginal & systemic treatment choices. NovoNordisk, Toronto, Ontario, November 2007.

**Derzko C.** Using SOGC Osteoporosis Guidelines (2006) to optimize management of osteoporosis in patients. Obstetrics & Gynecology Grand Rounds, Scarborough Grace Hospital, Toronto, Ontario, 2007.

**Derzko C.** Vaginal estrogen therapy – What ? When? Why? NovoNordisk, Toronto, Ontario, November 2007.

**Farine D.** Fetal movement count: The new paradigm recommended by the SOGC, Clinical implications. Obstetrical Malpractice Conference. Northrop-Frye Auditorium, Victoria College, Toronto, Ontario, January 19, 2008.

**Farine D.** Medical/legal cases – Lessons from CMPA Ob/Gyn database. Mount Sinai Hospital Grand Rounds, Toronto, Ontario, September 28, 2007.

**Farine D.** Monitoring fetal movements – The new SOGC guidelines. Scarborough Centenary Hospital Grand Rounds, Toronto, Ontario, November 1, 2007.

**Farine D.** Monitoring fetal movements – The new SOGC guidelines. St. Joseph’s Health Centre, Toronto, Ontario, October 26, 2007.

**Farine D.** What is really placenta previa? Do the new SOGC guidelines help? Combined Grand Rounds – Ob/Gyn and Medical Imaging, North York General Hospital, Toronto, Ontario, August 29th, 2007.

**Feig D, Berger H.** Diabetes in pregnancy: A case of poor control. Medical Disorders in Pregnancy, Toronto, Ontario, November 2007.

**Freire-Lizama T.** Adverse pregnancy outcomes with abnormal serum markers. Toronto East General Hospital Obstetrics and Gynaecology Grand Rounds, Toronto, Ontario, January 9, 2008.

**Freire-Lizama T.** Antihypertensives in pregnancy: Therapeutic options. Workshops. Medical Complications in Pregnancy, University of Toronto Continuing Medical Education, Toronto, Ontario, November 17, 2007.

**Freire-Lizama T.** Patient Safety. St. Michael’s Hospital Obstetrics and Gynaecology Grand Rounds, Toronto, Ontario, October 5, 2007.

**Greenblatt E.** Global warming and PCOS: Views from the tip of the iceberg. Visiting Professorship. Grand Rounds, Queen's University, Department of Obstetrics and Gynaecology, Kingston General Hospital, Kingston, Ontario, October 5, 2007.

**Halpern S.** Anaesthesia for the obese parturient for urgent delivery. 2nd Annual Obstetric Anesthesia Workshop, Women's College Hospital, Toronto, Ontario, November 23, 2007.

**Kingdom J.** Navigating macrosomia: A "big" problem. 6th Annual Refresher in Primary Maternity Care, Toronto, Ontario, May 2008.

**Kingdom J.** Placental development & pathology for REI physicians. Reproductive Endocrinology and Infertility (REI) Rounds, Mount Sinai Hospital, Toronto, Ontario, October 2007.

**Kingdom J.** Progress in the Placenta Clinic – approaching a decade of achievements. Lunch N' Learn, Mount Sinai Hospital Foundation Board of Directors, Mount Sinai Hospital, Toronto, Ontario, March 2008.

**Kingdom J.** Progress in the Placenta Clinic – approaching a decade of achievements. Mount Sinai Hospital Foundation Board of Directors, Mount Sinai Hospital, Toronto, Ontario, February 2008.

**Langille BL.** Cadherin-mediated cell adhesion and the control of vascular cell motility. University Health Network Research Day, Toronto, Ontario, October 2007.

**Langille BL.** Live cell microscopy, A Window to subcellular dynamics, biochemistry and molecular biology. Toronto General Research Institute, Toronto, Ontario, February 2008.

**Lausman AY.** Intra-hepatic cholestasis of pregnancy. Toronto East General Ob/Gyn Grand Rounds, Toronto, Ontario, October 2007.

**Lausman AY.** What the intensivist needs to know about Obstetrics. Critical Care Grand Rounds: St. Michael's Hospital, Toronto, Ontario, November 2007.

**Lefebvre G.** Best practice session on hysterectomy. SOGC Ontario Regional Meeting, December 2007.

**Lefebvre G.** How we maintain competence in gynecologic surgery and who is watching? SOGC Ontario Regional Meeting, December 2007.

**Letarte M.** Highlights from the NIH CAVM Workshop. Toronto HHT Rounds. St. Michael's Hospital, Toronto, Ontario, March 19, 2008.

**Letarte M.** Review of protocols using genetically engineered animals. ACC 201 Workshop, CALAS Meeting, Markham, Ontario, June 2008.

**Leyland N.** Endometriosis: Endoscopic management. CME Program, SOGC/Abbott Laboratories, Ajax and Pickering Hospital Department of OB/GYN, Ajax, Ontario, January 8, 2008.

**Leyland N.** Endometriosis: Endoscopic management. CME Program, SOGC/Abbott Laboratories, Milton District Hospital and Oakville Trafalgar Hospital Rounds, Oakville, Ontario, May 14, 2008.

**Leyland N.** Endometriosis: Endoscopic management. CME Program, SOGC/Abbott Laboratories, Peterborough General Hospital, Peterborough, Ontario, May 29, 2008.

**Leyland N.** Global endometrial ablation. Women's College Hospital Grand Rounds, Toronto, Ontario, April 4, 2008.

McLeod A, **Akoury H.** Thrombocytopenia in Pregnancy Workshop. Medical Complication of Pregnancy Conference, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, November 17, 2007.

**Meffe F.** Study results presentation on Barriers and Opportunities for Interprofessional Education of Third Year Medical Students in Labour and Delivery. St. Michael's Hospital Grand Rounds, Toronto, Ontario, September 21, 2007.

**Murphy KE.** Antenatal corticosteroids: Repeat or not repeat, that is the question. Research Rounds, Sick Kids Hospital, Toronto, Ontario, February 2008.

**Murphy KE.** Domestic violence. Lecture for MFM Journal Club Rounds, Mount Sinai Hospital, Toronto, Ontario, June 2007.

**Murphy KE.** Double Trouble: Management of multiple gestations. Lecture for Genetic Counseling Students, Hospital for Sick Children, Toronto, Ontario, October 2007.

**Murphy KE.** HIV in pregnancy. Maternal-Fetal Medicine Teaching Rounds, Mount Sinai Hospital, Toronto, Ontario, April 2008.

**Murphy KE.** HIV in pregnancy. Toronto General Hospital, Toronto, Ontario, February 2008.

**Murphy KE.** Medical disorders in pregnancy. Medical Disorders in Pregnancy Conference, Mount Sinai Hospital, Toronto, Ontario, November 2007.

**Murphy KE.** Multiple madness: The maternal and fetal risks associated with multiple gestation. Resident Teaching, Women's College Hospital, Toronto, Ontario, April 2008.

**Murphy KE.** Systematic Review I. MFM Journal Club/Research Rounds, Mount Sinai Hospital, Toronto Ontario, October 2007.

**Murphy KE.** Systematic Review II. MFM Journal Club/Research Rounds, Mount Sinai Hospital, Toronto Ontario, November 2007.

**Nitsch R.** Gynaecology Morbidity and Mortality Rounds, Sunnybrook Health Sciences Centre, Toronto, Ontario, July 2007.

**Nitsch R.** Gynecology Morbidity and Mortality Rounds, Sunnybrook Health Sciences Centre, Toronto, Ontario, June 2008.

**Nitsch R.** The management of medical conditions and the oral contraceptive pill. York University Department of Family Medicine, Toronto, Ontario, September 2007.

**Nitsch R.** Urogynaecology conditions – Management in the family physician’s office. Department of Family Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, October 2007.

**Ohlsson A.** Introduction to evidence based practice. Canadian Institutes of Health Research (CIHR) team in Children’s Pain, Projects 2 & 3 Training Meeting. SickKids Toronto, Ontario, March 12, 2008.

**Ohlsson A.** What we DON’T know – Case Study on Politics of Vital Statistics Data Collection in Ontario, Ontario Training Centre 2008 Summer Institute. Department of Health Policy, Management and Evaluation, University of Toronto, Toronto, Ontario, June 9, 2008.

**Okun N.** Nuchal translucency and fetal cardiac abnormalities. Fetal Echo Rounds, Mount Sinai Hospital, Toronto, Ontario, April 2, 2008.

**Ornstein M.** HPV and contraceptive counselling to teens and families. Sponsors: Bayer and Merck, Toronto, 2008.

**Ornstein M.** Reproductive health care needs of disabled. Surrey Place Centre Grand Rounds and teleconference, Toronto, 2008.

**Paek W.** Basic office procedures. Gynaecology Review Day, Mount Sinai Hospital, Toronto, Ontario, December 7, 2007.

**Paek W.** Difficult cases. Panel discussion. Gynaecology Review Day, Mount Sinai Hospital, Toronto, Ontario, December 7, 2007.

**Pittini R.** Promotion documentation. Workshop. Department of Obstetrics and Gynaecology, Faculty Development Retreat, Vaughan Estates, Toronto, Ontario, Oct. 11, 2007 & January 2008.

**Pittini R.** Simulation in Obstetrics & Gynaecology. Department of Obstetrics and Gynaecology Grand Rounds, Sunnybrook Health Sciences Centre, November 2, 2007.

**Seaward PGR.** Lessons learned from critical reviews of bad outcomes in Obstetrics 2004-2008. 2008 Refresher In Primary Maternity Care, Mount Sinai Hospital and University of Toronto, Toronto, Ontario, March 2008.

**Seaward PGR.** Shoulder dystocia – Medico-legal aspects. Obstetric Malpractice – A Survival Guide for 2008, Mount Sinai Hospital and University of Toronto, Toronto, Ontario, January 2008.

Singh G, **Robertson D.** Quality assurance rounds in the age of QCIPA. St.Michael’s Hospital Grand Rounds, Toronto, Ontario, 2008.

Singh G, Shastry S, **Robertson D.** Safe hysteroscopy, St.Michael’s Hospital Grand Rounds, Toronto, Ontario, Month, 2008.

**Steinberg WM.** Contraceptives conundrums. Telehealth, September 18, 2007.

**Steinberg WM.** Contraceptive update. Family Practice Unit, Mississauga, Ontario, April 8, 2008.

**Steinberg WM.** Exploring reversible long term contraception. Family Practice Rounds, Sudbury, Ontario, May 1, 2008.

**Steinberg WM.** Hormones and the woman in transition. York University Health Unit, Toronto, Ontario, May 7, 2008.

**Steinberg WM.** New indications for the intrauterine device. Family Practice Rounds, Sault Ste Marie, Ontario, April 16, 2008.

**Steinberg WM.** Overcoming obstacles in contraception. Family Practice Rounds, North Bay, Ontario, May 13, 2008.

**Steinberg WM.** PMS. Grand Rounds Family Practice, Guelph General Hospital, Guelph, Ontario, April 16, 2008.

**Steinberg WM.** PMS. Grandview Medical Centre Rounds, Cambridge, Ontario, September 18, 2007.

**Steinberg WM.** Recent controversies in office gynaecology. Brampton Family Practice Rounds, Brampton, Ontario, April 29, 2008.

**Stewart DE.** Risk factors for postpartum depression. Toronto Public Health Department. Toronto, Ontario. November 2007.

**Steinberg WM.** Strategies to reduce contraceptive failure. Family Practice Rounds, Sudbury, Ontario, May 29, 2008.

**Stewart DE.** Risk factors for postpartum depression. Toronto Public Health Department, Toronto, Ontario. November 2007.

**Stirk L.** Current uses of hormone replacement therapy. North York General Hospital Family Medicine Update Day, January 2008.

**Stirk L.** Obstetrical care in the high Himalayas. North York General Hospital Ob/Gyn Clinical Update Day, May 2008.

**Ternamian A.** Endoscopic surgical complications. Division of Reproductive Sciences. Mount Sinai Hospital, Toronto, Ontario, January 16, 2008.

**Ternamian A.** Laparoscopic surgery and patient safety. North York General Hospital combined General Surgery and Obstetrics and Gynaecology Departments Grand Rounds, Toronto, Ontario, October 17, 2007.

**Ternamian A.** Medical management of pelvic endometriosis. Updates on Endometriosis. Toronto, Ontario, January 24, 2008.

**Ternamian A.** Surgical teaching in the real world. Faculty Development Workshop Day, Department of Obstetrics and Gynaecology, University of Toronto, Sunnybrook Vaughan Estates, Toronto, Ontario, October 11, 2007.



**Toi A.** Issues in first trimester prenatal screening. Women's Imaging. Advances in Gynaecological Imaging and First Trimester Ultrasound. University of Toronto, Toronto, Ontario, February 22-24, 2008.

**Toi A.** The fetal cerebrum - It's more than just ventricles. 16th Annual Symposium: New Developments in Prenatal Diagnosis and Medical Genetics. University of Toronto, Toronto, Ontario, May 14, 2008.

**Toi A.** Ultrasound safety. What's a Ti Mi. Women's Imaging. Advances in Gynaecological Imaging and First Trimester Ultrasound. University of Toronto, Toronto, Ontario, February 22-24, 2008.

**Wolfman W.** Asymptomatic endometrial thickening. Gynaecology Review Day, Mount Sinai Hospital, Department of Obstetrics and Gynaecology, Toronto, Ontario, December 2007.

**Wolfman W.** Asymptomatic endometrial thickness, Society of Obstetricians and Gynaecologists of Canada, Toronto, Ontario, October 2007.

**Wolfman W.** Menopause: Current concepts and future thinking, Mount Sinai Hospital, Toronto, Ontario, May 2008.

**Yudin M.** A practical approach to vaginitis. Infectious Diseases in Obstetrics and Gynaecology Continuing Medical Education Day, University of Toronto Faculty of Obstetrics and Gynaecology, Toronto, Ontario, Canada, June 6, 2008.

**Yudin M.** A primer on hepatitis C virus infections in pregnancy. Toronto East General Hospital Department of Obstetrics and Gynaecology Grand Rounds, Toronto East General Hospital, Toronto, Ontario, Canada, April 9, 2008.

**Yudin M.** HIV in pregnancy — an update. University of Toronto, Department of Obstetrics and Gynaecology Resident Teaching Lecture Series, Toronto, Ontario, Canada. November 13, 2007.

**Yudin M.** HPV vaccination — the latest updates for 2008. Rouge Valley Hospital Obstetrics and Gynecology Grand Rounds. Rouge Valley Hospital, Scarborough, Ontario, Canada, May 1, 2008.

**Yudin M.** Intra-amniotic infection (IAI)/Chorioamnionitis. University of Toronto, Department of Obstetrics and Gynaecology Resident Teaching Lecture Series, Toronto, Ontario, Canada. January 8, 2008.

**Yudin M.** Maternal-fetal medicine implications of hepatitis C virus (HCV) in pregnant women. Mount Sinai Hospital Division of Maternal Fetal Medicine Grand Rounds. Mount Sinai Hospital, Toronto, Ontario, Canada, March 17, 2008.

**Yudin M.** Office gynaecology infections. Bay Centre for Birth Control and Women's Health Scholar Program Rounds, Toronto, Ontario, Canada, June 18, 2008.

**Yudin M.** Prevention of cervical cancer through vaccination. Primary Care Updates Conference, Toronto, Ontario, Canada. November 23, 2007.

**Yudin M.** STI update: An update for 2008. Infectious Diseases in Obstetrics and Gynaecology Continuing Medical Education Day, University of Toronto Faculty of Obstetrics and Gynaecology, Toronto, Ontario, Canada, June 6, 2008.

**Yudin M.** Updates & tips from the 2006 Canadian Guidelines on sexually transmitted infections. 2007 Gynaecology Review Day, Mount Sinai Hospital and University of Toronto Department of Obstetrics and Gynaecology, Toronto, Ontario, Canada, December 7, 2007.



# ORAL AND POSTER PRESENTATIONS

## National and International Meetings

**Adamson SL.** Placental vascular disease in mouse models of intrauterine growth restriction. 40th Annual Meeting, Society for the Study of Reproduction, San Antonio, Texas, USA, July 21-25 2007.

**Adamson SL,** Kulandavelu S, Mu J, Qu D, Rennie MY, Sun JC, Watson CS, Whiteley KJ, Han VK, Sled JG. Placental vascularity and hemodynamics in mouse model of intrauterine growth restriction. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

**Akoury H,** Sherman C, Shore E. Uterine wall partial thickness necrosis following combined B-Lynch and Cho square sutures for the treatment of primary postpartum hemorrhage. 8<sup>th</sup> World Congress of Perinatal Medicine, Florence, Italy, September 9-13, 2007.

Al-Riyami N, **Glaude L, Okun N, Whittle W, Windrim R.** Utility of fetal fibronectin testing to predict preterm birth in the asymptomatic high risk patient. Society for Maternal Fetal Medicine (SMFM) 28th Annual Meeting, Dallas, Texas, USA, January 30, 2008.

Alarab M, Shynlova O, **Drutz H, Lye S.** Altered expression of LOX, LOXL1, LOXL3 and LOXL4 in pelvic tissue of postmenopausal women with severe pelvic organ prolapse. American Urogynecologic Society, Miami, Florida, USA, September 28, 2007.

Alarab M, Shynlova O, **Drutz H, Lye S.** Extracellular Matrix remodeling is increased in vaginal tissue of premenopausal patients with pelvic organ prolapse. 2008 Annual Meeting of the Society for Gynecologic Investigation (SGI), San Diego, California, USA, March 26-29, 2008.

Alarab M, Shynlova O, **Drutz H, Lye S.** Reduced Lysyl oxidase family protein expression in vaginal tissue of premenopausal women with pelvic organ prolapse. 2008 Annual Meeting of the Society for Gynecologic Investigation (SGI), San Diego, California, USA, March 26-29, 2008.

Allingham-Hawkins D, **Winsor E, Chitayat D,** Cirigliano V, Summers A, Chun K. Introduction of QF-PCR as a rapid aneuploidy screen for all women undergoing amniocentesis: A pilot project. American Society of Human Genetics, San Diego, California, USA, October 2007.

Allingham-Hawkins D, **Winsor D, Chitayat D,** Cirigliano V, Summers A, Chun K. Introduction of QF-PCR as a rapid aneuploidy screen for all women undergoing amniocentesis. Canadian College of Medical Genetics, Vancouver, British Columbia, Canada, December 2007.

Andrew D, **Greg R,** Lindsay P, Nindu K, Rory W, David C, Peter K, Hana S, Sulochana S. FOX-DB: A Fetal Ontology X-Reference Database for Fetal Medicine. SMFM, Dallas, Texas, USA, February 2008.

Balki M, Lee Y, **Halpern S, Carvalho JCA**. Spinal ultrasound for facilitating labor epidurals in obese parturients. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.

Balki M, Lee Y, **Halpern SH, Carvalho JCA**. Spine ultrasound for facilitating labor epidurals in obese parturients. Society for Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

Balki M, Magalhaes J, Parkes R, **Kingdom J**, Li Y, **Carvalho JCA**. Oxytocin pre-treatment decreases oxytocin-induced myometrial contractions in pregnant rats in a dose but not time-dependent manner. Canadian Anesthesiologists' Society Annual Meeting, Halifax, Nova Scotia, Canada, June 13-17, 2008.

Barnea O, Luria O, Jaffa A, Stark M, Fox HE, **Farine D**. Real-time assessment of labor progress: effects of the individual uterine contraction on fetal head descent and cervical dilatation during the active stage of labor. Reproductive Bioengineering, Wens im Pitztal, Austria, April 1-5, 2008.

**Barrett J**. Delivery of Twins and the Twin Birth Study. Collaborators Meeting for Attendees at Brazilian Congress, Foraleza Hospital, Foraleza, Brazil, November 2007.

**Barrett J**. Delivery of Twins and the Twin Birth Study. Invited Collaborators Meeting, Tel-Aviv Hospital, Tel Aviv, Israel, December 2007.

**Barrett J**. Delivery of Twins and the Twin Birth Study. Invited Collaborators Meeting, University of Toronto, Face to Face Steering Committee Meeting, Toronto, Ontario, Canada, May 2008.

Beck J, Grasselli G, Reilly M, **Dunn M**, Sinderby C. Detection and characterization of central apnea using esophageal measurements of diaphragm electrical activity (EAdi) in non-ventilated premature infants. Poster. Pediatric Academic Societies, Annual Meeting, Honolulu, Hawaii, May 2008.

Beiner M, Hauspy J, **Rosen B, Murphy J, Laframboise S, Covens A**. Radical vaginal trachelectomy vs radical hysterectomy for early stage cervical cancer: A matched case-control comparative study. 39<sup>th</sup> annual meeting of the Society of Gynaecological Oncologists, Tampa, Florida, USA, March 2008.

Beiner M, Hauspy J, **Rosen B, Murphy J, Laframboise S, Covens A**. Radical vaginal trachelectomy vs radical hysterectomy for early stage cervical cancer: A matched case-control comparative study. Annual Clinical Meeting of the Gynecologic Oncologists of Canada, Calgary, Alberta, Canada, June 2008.

**Belsham DD**, Koletar MM, Dalvi PS, Fick LJ, Chalmers JA, Wang Y. Oral. Murine neurogenesis through ciliary neurotrophic factor may involve synthesis of proglucagon-derived peptides. Society for Neuroscience 37<sup>th</sup> Annual Meeting, San Diego, California, USA, November 3-7, 2007.

**Bernardini M**, Baba T, Lee P, Whitaker R, Murphy SK, Berchuck A. Microarray analysis defines patterns of gene expression associated with mutation of the TP53 gene in ovarian cancer. Society of Gynecologic Oncologists Annual Meeting, Tampa, Florida, USA, March 9-12, 2008.

**Bernardini M, Covens A.** Evaluation of two management strategies for preoperative grade 1 endometrial cancer. Annual Clinical Meeting of the Society of Gynecologic Oncologists of Canada, Calgary, Alberta, Canada, June 2008.

Billingsley G, Deda L, Herd S, **Chitayat D**, Fieggen K, Duncan J, Fishman G, Heon E. Contribution of Chaperonin-like BBS genes (BBS6, BBS10, BBS12) in a multiethnic Canadian population affected with Bardet-Biedl Syndrome. American Society of Human Genetics, San Diego, California, USA, October 2007.

**Bodley J, Farrugia M.** Curriculum Development: Using film to teach diversity and inclusion in medicine. Oral. Association of Professors of Obstetrics & Gynaecology of Canada (APOG) Annual Meeting, Toronto, Ontario, Canada, December 2007.

**Bodley J, Barrett J.** A hands-on approach to improving a high risk obstetrical rotation during third year clerkship. Poster. APOG Annual Meeting, Toronto, Ontario, December 2007.

Borges B, Terblanche N, **Carvalho JCA**, You-Ten Kong E. Decreased cardiovascular hemodynamics as possible mechanism of hypotension during cesarean delivery under spinal anesthesia: Role of noninvasive impedance cardiography. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.

Braun T, Li S, **Matthews SG**, Sloboda DM, Moss TJM, Newnham JP, **Challis JRG.** Maternal glucocorticoid injections in early pregnancy altered pituitary-adrenal axis in sheep. Society for Gynecologic Investigation, San Diego, USA, March 2008.

**Challis JRG., Lye SJ**, Gibb W, **Bocking AD**, Petraglia F, Li W, Dong W, Alfaidy N, Unlugedik E, Yeganegi M, Reid G, Imperatore A, **Caniggia I.** Mechanisms of parturition. World Congress of Perinatal Medicine, Florence, Italy, September 2007.

**Chitayat D**, Shannon P, Halliday W, **Seaward G, Toi A**, Thompson M, Blaser S. Neuroaxonal dystrophy associated with osteopetrosis and brain dysgenesis: Prenatal diagnosis and neuropathological findings. American Society of Human Genetics, San Diego, California, USA, October 2007.

**Chong K, Chitayat D, Keating S**, Hurst, S, Summers A, **Berger H.** Cornelia de Lange syndrome – Prenatal findings and autopsy review. International Society of Prenatal Diagnosis meeting, Vancouver, British Columbia, Canada, June 2008.

Costello J, Moore A, Balki M, Macarthur A, **Carvalho JCA.** Determination of the efficacy of the transversus abdominis plane block as part of a multimodal regimen for post-cesarean delivery analgesia: a double blinded, placebo-controlled study. Society for Obstetric Anesthesia and Perinatology (SOAP) 40th Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

Costello J, Moore A, Balki M, Macarthur A, **Carvalho JCA.** Determination of the efficacy of the transversus abdominis plane block as part of a multimodal regimen for post-cesarean delivery analgesia: a double blinded, placebo-controlled study. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.



Cox B, Evangelou A, Ignatchenko V, Kotlyar M, Ignatchenko A, Whiteley K, Jurisica I, **Rossant J**, **Adamson SL**, Kislinger T. A proteome and transcriptome resource of the human and mouse feto-maternal exchange tissue. 15th International Vascular Biology Meeting, Sydney, Australia, June 1-5, 2008.

Detmar J, Fernandes R, Rabaglino T, Kujjo L, Perez G, **Jurisicova A**. ASM-ase deficient mice exhibit a pre-eclampsia phenotype accompanied with IUGR. IFPA, Kingston, Ontario, Canada, August, 2007.

Di Berardino T, Chronis-Brown P, Holt D, Nichols T, Nakagawa K, **Greenblatt E**. A comparison of day 5 and day 6 blastocyst transfers. 53rd Annual Meeting Canadian Fertility and Andrology Society (CFAS), Halifax, Nova Scotia, Canada, September 27-29, 2007.

Di Berardino T, Chronis-Brown P, Holt D, Nichols T, Nakagawa K, **Greenblatt E**. Pregnancy rates for cryopreserved blastocysts approach that of fresh transfers: Progress made through implementation of a continuous quality improvement program in an ART. 53rd Annual Meeting Canadian Fertility and Andrology Society (CFAS), Halifax, Nova Scotia, Canada, September 27-29, 2007.

Drewlo S, Baczyk D, **Pennell C**, Dunk C, **Caniggia I**, **Kingdom J**. GCM1 mediates TIMP4 expression in BeWO and first trimester trophoblast explants. The Society for Gynecologic Investigation 2007 55th Annual Scientific Meeting, San Diego, California, USA, March 2008.

Dunn E, **Maxwell C**, Glanc P. Do those with high BMI require more scans to complete anatomy evaluation? Oral. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, September 2007.

**Esfandiari N**, Burjaq H, Gotlieb L, **Casper RF**. Seminal hyperviscosity is associated with poor outcome of in vitro fertilization and embryo transfer: A prospective study. 53rd Annual Meeting of Canadian Fertility and Andrology Society, Halifax, Nova Scotia, Canada, September 2007.

**Esfandiari N**, Burjaq H, Javed M, Gotlieb L, **Casper RF**. Increased seminal hyperviscosity is associated with lower implantation and pregnancy rates following in vitro fertilization and embryo transfer. 63rd Annual Meeting of the American Society for Reproductive Medicine, Washington, DC, USA, October 13-17, 2007.

**Esfandiari N**, Burjaq H, Javed M, Sultan M, Gotlieb L, **Casper RF**. Timing of human chorionic gonadotropin administration and in vitro fertilization outcome. 54th Annual Meeting of Canadian Fertility and Andrology Society, Calgary, Alberta, Canada, November 2008.

**Esfandiari N**, Javed M, Gotlieb L, **Casper RF**. Elective cryopreservation of pronucleate stage embryos and pregnancy outcome in women at risk of ovarian hyperstimulation syndrome. 53rd Annual Meeting of Canadian Fertility and Andrology Society, Halifax, Nova Scotia, Canada, September 2007.

**Ferguson SE**, Malhotra T, Seshan VE, Levine DA, Sonoda Y, Chi DS, Barakat RR, Abu-Rustum NR. A randomized controlled trial of postoperative recovery in women receiving patient-controlled epidural analgesia (PCEA) compared to patient-controlled intravenous analgesia (PCA) after major open gynecologic surgery. 39th Annual Meeting of the Society of Gynecologic Oncologists, Tampa, Florida, USA, March 2008.



**Ferguson SE**, Rana A, Patel A, **Rosen B**, **Oza H**, Mackay H. Complementary medicine (CAM) use among women receiving chemotherapy for ovarian cancer and the potential for interactions with prescribed medication. American Society of Clinical Oncology Annual Meeting, Chicago, Illinois, USA, May 2008.

Fick LJ, Fick GH, **Belsham DD**. Palmitate or fructose administration perturbs the rhythmic expression of the molecular clock and neuropeptide genes within immortalized, hypothalamic neurons. 90<sup>th</sup> Annual Meeting of the Endocrine Society, San Francisco, California, June 2008.

**Fong K**, **Toi A**, **Okun N**, Bhadouri M. Fetal anatomic survey at 12 to 13 weeks by three dimensional ultrasound. American Institute of Ultrasound in Medicine, San Diego, California, USA, March 12-15, 2008.

**Fong KW**, McInnes M, **Toi A**, Shannon P, **Chitayat D**, Blaser S: Dural sinus malformation involving the torcular: prenatal diagnosis with ultrasound and magnetic resonance imaging. International Society of Ultrasound in Obstetrics and Gynecology, Florence, Italy. October 2007.

Friedberg T, Pentazi S, Blaser S, **Murphy K**, **Chitayat D**. Fetal parietal foramina: Ultrasound and MRI findings. American Society of Human Genetics, San Diego, California, USA, October 2007.

Friedrich JO, Adhikari NKJ, **Ohlsson A**, Beyene J. Ratio of means as an alternative to mean differences for analyzing continuous outcome variables in meta-analysis: A simulation study. XIV Cochrane Colloquium, Sao Paulo, October, 2007.

Glanc P, Dunn E, **Maxwell C**. BMI: How does maternal obesity influence routine fetal anatomy ultrasound screening? Oral. 108th Annual Meeting of the American Roentgen Ray Society (ARRS), Washington, D.C., USA, April 2008.

Glanc P, Dunn E, **Maxwell C**. BMI: How does maternal obesity influence routine fetal anatomy ultrasound screening? Oral. American Institute of Ultrasound in Medicine (AIUM), Washington, D.C., USA, March 2008.

Goh E, Shago M, Sgro M, **Chitayat D**, Mendoza-Londono R: Bilateral dysplastic kidneys as a feature in patients with duplication 17p11.2 syndrome. American Society of Human Genetics, San Diego, California, USA, October 2007.

Hauspy J, Beiner M, Harley I, Ehrlich L, Rasty G, **Covens A**. Sentinel lymph nodes in vulvar cancer. British Gynaecologic Cancer Society, Belfast, Ireland, November 2007.

Heazell A, Baczyk D, Dunk C, Perkins J, Jones C, Baker P, **Kingdom J**. An imbalance between p53 and Mdm2 induces apoptosis in trophoblast. 13th International Federation of Placenta Associations Meeting "Placenta-Platform for Life", Kingston, Ontario, Canada, August 2007.

Hitkari JA, **Juriscova A**, Brown T, Lai I, **Greenblatt E**. Atosiban has no effect on the morphologic development of mouse embryos. 53rd Annual Meeting Canadian Fertility and Andrology Society (CFAS), Halifax, Nova Scotia, Canada, September 27-29, 2007.

Huang T, Summers AM, **Okun N**, Hoffman B, **Kingdom J**. First and second trimester screening markers for Down syndrome and adverse pregnancy outcomes. International Screening and Prenatal Diagnosis Meeting, Vancouver, BC, Canada, June 1-4, 2008.

Imperatore A, Rolfo A, Petraglia F, **Challis JRG, Caniggia I**. Urocortin2 and Urocortin3 mRNA and protein expression are increased in preeclamptic placenta specimens. SGI, San Diego, California, USA, March 2008.

Ioscovich A, Mirochnitchenko E, **Halpern S**, et al. Anesthetic management of high order (five or more) repeat caesarean sections (HORCS). Society for Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Chicago, Illinois, USA, April 30- May 4, 2008.

Ito CY, Kirouac D, Madlambayan G, Yu M, **Casper RF, Rogers I, Zandstra P**. The AC133+CD38-, but not the rhodamine-low phenotype enriches hematopoietic stem cells in ex vivo cultures. ISEH, Hamburg, Germany, September 2007.

Jaffer SN, Shynlova O, **Lye SJ**. The role of the mTOR signaling pathway in myometrial differentiation. The Society for Gynecologic Investigation Annual Meeting, San Diego, California, USA, March 2008.

Jain S, Hinek A, Baghetti M, Tresurer H, Taylor G, Silver M, Nykanen D, **Chitayat D**. Increased elastolysis contributes to the phenotype of cutis marmorata telangiectasia congenita. American Society of Human Genetics, San Diego, California, USA, October 2007.

Jerkic M, Suliman S, Paulson K., Mentzer SJ, Konerding MA., **Letarte M**. Endoglin heterozygous mice develop more severe colitis than their normal littermates. Research Institute Scientific Retreat, Metro Toronto Convention Centre, Toronto, Ontario, November 26, 2007.

Jessen JJ, **Chong K, Chitayat D**. Autosomal Dominant Duodenal Atresia – Report of two families. American Society of Human Genetics Meeting, San Diego, California, USA. October 2007.

Johnson N, **Sermer M, Maxwell C**. Perinatal outcome of women with intracranial neoplasms. Oral. Neonatal/Maternal Fetal Medicine Research Day, Toronto, Canada, April 9, 2008.

Jurisica I, Li H, **Juriscova A**, Kislinger T. Integrative computational biology approach leads to discovering novel putative biomarkers for early ovarian cancer detection. 1st Ovarian Cancer Action International Conference, London, UK, March 2008.

Kahr WH, Baidya S, Das A, Toprak A, Christensen H, Meulman F, Rand ML, Pluthero FG, **Chitayat D**, Shah P, Blanchette VS. Incomplete platelet dense granule formation in normal neonates. American Society of Hematology, 49th Annual Meeting, Atlanta, Georgia, USA, December 2007.

**Keating S**, Proctor L, **Chitayat D, Kingdom J**. Placental pathology correlates with low first trimester serum pregnancy associated placental protein A (PAPP-A). Society for Pediatric Pathology Spring Meeting, Denver, Colorado, USA, February 29 - March 2, 2008.

Kenigsberg S, Tovich T, **Librach CL** Expression of the MAESTRO (MRO) gene in adult human ovarian granulosa cells. Society for the Study of Reproduction (SSR), Kailua-Kona, Hawaii, May 2008.

Kenna K, Tare M, Coleman H, Yan E, **Bocking A**, Brien J, Walker D, Sozo F, Harding R, Parkington HC. An investigation into fetal arterial stiffness following maternal alcohol infusion in sheep, The Perinatal Society of Australia and New Zealand Workshop, South Stradbroke Island, Australia, April 2008.

Kenna K, Yan E, Gray S, **Bocking A**, Brien J, Walker D, Harding R. Chronic and acute physiological effects of repeated ethanol exposure in maternal and fetal sheep, Healthy start for a healthy life: The Wintour's Tale. Australia, November, 2007.

Keunen J, **Berger H**, Berezovska O, **Seaward PGR**, **Windrim R**, **Kingdom J**, **Ryan G**. Placental discordance before selective laser ablation as a predictor of perinatal outcome and birth weight discordance in twin to twin transfusion syndrome (TTTS). Poster/Slide Presentation, International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, October 2007.

**Keunen J**, **Chitayat D**, **Windrim R**, Blaser S. Fetal MRI and 2D ultrasound imaging of unilateral choanal atresia in case of progressive unilateral ventriculomegaly, hypertelorism and nasal hypoplasia. International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, October 2007.

**Keunen J**, **Windrim R**, **Seaward PG**, **Ryan G**, **Chong K**, **Toi A**. Prenatal diagnosis of upper limb reduction defects – a case series from a tertiary care centre. International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, October 2007.

**Khalifa M**, Ismiil N, Nofech-Mozes S, Ghorab Z, **Covens A**, **Kupets R**. Accuracy of the intraoperative assessment of pelvic masses by gross inspection only (GIO). European Society of Surgical Oncology, Berlin, Germany, October 2007.

Kim P, Jessen J, **Koenen S**, **Chitayat D**. Autosomal dominant small intestinal atresia/stenosis - Case report. American Society of Human Genetics, San Diego, California, USA, October 2007.

Knight BS, **Pennell C**, **Lye SJ**. Fetal HPA activation controls glucose regulation in a strain dependent manner in mice subjected to an adverse intrauterine environment. DOHaD (Developmental Origins of Health and Disease) Meeting, Perth, Australia, November 2007.

Kostaki A, Petropoulos S, Li D, **Matthews SG**. Transgenerational memory of antenatal synthetic glucocorticoid exposure: Modification of stress responsiveness. Society for Gynecologic Investigation, San Diego, USA, March 2008.

Kulandavelu S, Mu J, Whiteley K, **Adamson SL**. eNOS augments utero-placental blood flow and uterine and spiral arterial remodeling during pregnancy in mice. Aspen Perinatal Biology Symposium, Aspen, Colorado, USA, August 25-28, 2007.

Kulandavelu S, Mu J, Whiteley K, **Adamson SL**, Sled JG. eNOS promotes utero-placental remodeling and blood flow, and feto-placental oxygen delivery during pregnancy in mice. Society for Gynecologic Investigation, San Diego, California, USA, March 26-29, 2008.

Laguë MN, Detmar J, Paquet M, Richards JS, **Adamson L**, Boerboom D. Decidual Pten expression is required for trophoblast invasion. World Congress on Reproductive Biology, May 24-25, Kona, Hawaii, 2008.

**Lambe EK.** Developmentally modulated excitation of prefrontal layer VI circuitry by nicotinic acetylcholine receptors. Society for Neuroscience, San Diego, California, USA, November 2007.

**Lausman A, Keunen J, Kingdom JC,** Shannon P, Widjaja E, **Ryan G, Chitayat D,** Raybaud C, **Toi A,** Rohrbach M, Blaser S. Periventricular brain cysts: fetal imaging and postnatal/postmortem findings. 17th World Congress on Ultrasound in Obstetrics and Gynecology, Florence, Italy, October 2007.

Lee Y, Balki M, **Halpern S, Carvalho JCA.** Spinal ultrasound for facilitating labor epidurals in obese parturients. Canadian Anesthesiologists' Society Annual Meeting, Halifax, Nova Scotia, Canada, June 13-17, 2008.

Lee Y, Balki M, Parkes R, **Carvalho JCA.** ED95 of hyperbaric 0.75% bupivacaine for spinal anesthesia for cesarean delivery is similar in obese and non-obese women. SOAP 40th Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

Lee Y, Tanaka M, **Carvalho JCA.** Sonoanatomy of the lumbar spine in patients with previous accidental dural punctures during labor epidurals. SOAP 40th Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

**Liu, K, Greenblatt EM.** Increased FSH/LH ratio is associated with higher rates of cancellation in IVF-ET cycles. 63rd Annual American Society for Reproductive Medicine (ASRM) Meeting, Washington, DC, USA, October 13-17, 2007.

Lucco K, Brown C, **Spitzer R,** Stephens D, Dupuis A, **Kives S, Allen L.** Psychosexual and functional outcomes after creation of a neovagina via laparoscopic Davydov in patients with vaginal agenesis. (Oral) North American Association of Pediatrics & Adolescent Gynecology (NASPAG) Annual Meeting, Newport Beach, California, USA, April 2008.

Lucco K, Lacy J, **Allen LM, Kives S.** Low malignant potential tumors in pediatric and adolescent gynecology. Poster presentation. North American Association of Pediatrics & Adolescent Gynecology (NASPAG), Annual Meeting, Newport Beach, California, USA, April 2008.

Lucco K, Lacy J, **Kives S,** Gerstle T, **Allen L.** Ovarian epithelial tumors of low malignant potential: A case series of 5 adolescent patients. (Poster) North American Association of Pediatrics & Adolescent Gynecology (NASPAG) Annual Meeting, Newport Beach, California, USA, April 2008.

Lucco K, Murphy D, **Caccia N.** A hairy case: Clitoral hair entrapment resulting in chronic vulvovaginal pain. Poster. North American Society of Pediatric and Adolescent Gynecologists (NASPAG) Annual General Meeting, April 2008.

Lucco K, **Spitzer R,** Lacy J, Brown CM, **Kives S, Allen LM.** Follow up of female patients after the creation of a neovagina via the modified Davydov procedure: Evaluating their subjective, functional, anatomical and psychosexual outcomes. Oral presentation. North American Association of Pediatrics & Adolescent Gynecology (NASPAG) Annual Meeting, Newport Beach, California, USA, April 2008.

Mackay H, Hirte H, **Covens A**, MacAlpine K, Wang L, Tsao M, Pan J, Zwiebel J, **Oza A**. A phase II trial of the Histone Deacetylase inhibitor PXD101 in patients with platinum resistant epithelial ovarian tumors and micropapillary/borderline (LMP) ovarian tumors. American Association for Cancer Research (AACR), San Diego, California, USA, April 2008.

Magalhaes J, **Carvalho JCA**, Parkes R, **Kingdom J**, Li Y, Balki M. Oxytocin pre-treatment decreases oxytocin-induced myometrial contractions in pregnant rats in a dose but not time-dependent manner. Society for Obstetric Anesthesia and Perinatology (SOAP) 40th Annual Meeting, Chicago, USA, April 30-May 4, 2008.

Magalhaes J, **Carvalho JCA**, Parkes R, **Kingdom J**, Li Y, Balki M. Oxytocin pre-treatment decreases oxytocin-induced myometrial contractions in pregnant rats in a dose but not time-dependent manner. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.

Mahmut N, Thompson M, Shannon P, Liu K, Kinnear C, **Chitayat D**, Jaeggi E, Mital S. Reduced stem cell expression in failing right ventricles in hypoplastic left heart syndrome. American Transplant Congress, Toronto, Ontario, Canada, May 2008.

Martin A, Atiyah M, Jaeggi E, **Windrim R**, **Seaward PGR**, Barrea C, **Ryan G**. Recovery of cardiac function in recipient twins following laser for stage 4 twin-twin transfusion syndrome. Poster. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISSUOG) 2007, Florence, Italy, October 2007.

**Matthews SG**. Fetal experience programs endocrine function and behaviour across generations. 31st Annual Meeting of the Canadian College of Neuropsychopharmacology, Toronto, Canada, June 2008.

**Matthews SG**. Maternal adversity, glucocorticoids and programming of neuroendocrine function and behaviour. Canadian College of Neuropsychopharmacology (CCNP) meeting, Toronto, Canada, June 2008.

May T, Sharma M, Begley H, Jurisica I, **Rosen B**, **Murphy J**, **Shaw P**, **Brown TJ**. Gene expression profiles linking serous low malignant potential tumor, with and without micropapillary features, to low grade serous carcinoma of the ovary. American Association for Cancer Research Annual Meeting, San Diego, California, USA, April 12-16, 2008.

May T, Sharma M, Jurisica I, **Rosen B**, **Murphy J**, **Shaw P**, **Brown TJ**. Significant genes and pathways involved in low grade serous ovarian carcinogenesis. Society of Gynecologic Oncologists, Tampa, Florida, USA, March 9-12, 2008.

Mayer CM, **Belsham DD**. Insulin-induced resistance: Analysis of the molecular mechanisms in a novel, clonal, hypothalamic NPY/AgRP cell line. Keystone Symposium on Neural Mechanisms Controlling Food Intake. Glucose Metabolism and Body Weight. Banff, Alberta, Canada, February 2008.

McFadden E, Mabeya H, **Bocking A**, **Spitzer RF**. Retrospective review of predisposing factors and surgical outcomes in obstetric fistula patients at a single teaching hospital in Western Kenya. Society of Obstetricians and Gynaecologists of Canada, Annual Clinical Meeting, Calgary, Alberta, Canada, June 2008.

Moore A, Costello J, **Carvalho JCA**. The effectiveness and safety of gabapentin as part of a multimodal analgesic regimen for post-cesarean delivery pain: A randomized placebo-controlled trial. SOAP 40th Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

Moore A, Costello J, Shah V, Taddio A, **Carvalho JCA**. The effectiveness and safety of gabapentin as part of a multimodal analgesic regimen for post-cesarean delivery pain: A randomized placebo-controlled trial. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.

Morag I, Nayot D, **Dunn M**, Shah PS. Leukocytosis in very low birth weight infants: Risk factors and outcomes. Poster. Pediatric Academic Societies, Annual Meeting, Honolulu, Hawaii, May 2008.

**Murphy KE, Hannah ME**, Willian A, Hewson S, et al. For the MACS Collaborative Group. Multiple courses of antenatal corticosteroids for preterm birth study. Society for Maternal Fetal Medicine (SMFM) 28th Annual Meeting, Dallas, Texas, USA, January 30, 2008.

**Nevo O, Caniggia I**. sFlt-1 expression is increased in placentae from molar pregnancy. Society of Gynecologic Investigation Annual Meeting, San Diego, California, USA, March 2008.

Parkash S, **Keating S**, Kolomietz E, **Chitayat D**. Van Allen-Myhre Syndrome: Report of a new case with chondrodysplasia punctata. American Society of Human Genetics, San Diego, California, USA, October 2007.

Parkington HC, Coleman HA, Kenna K, Brien J, **Bocking A**, Walker D, Harding R, Tare M. Maternal alcohol in pregnancy: Arterial stiffness and endothelial vasodilator dysfunction in the fetus. 5th International Congress on Developmental Origins of Health and Disease, Perth, Australia, November 2007.

**Pennell CE**, Bosel K, Perkins J, **Bocking AD, Lye SJ**. Gene expression signature in leukocytes accurately predicts preterm delivery in women with threatened preterm labour. SGI 2008 Annual Scientific Meeting, San Diego, California, USA, March 2008.

**Percy ME**. Differences in behavior and amyloid plaque deposition in Tg2576 transgenic mice expressing the human amyloid precursor protein and Wt2576 wildtype mice after the chelation of trivalent iron by Feralex injection. 37th Annual Meeting of the Society for Neuroscience, San Diego, California, USA, November 2008.

**Percy ME**. Evaluation of the Journal on Developmental Disabilities. Research Special Interest Group Symposium, Ontario Association on Developmental Disabilities Annual Meeting, Barrie Ontario, Canada, April, 2008.

Petropoulos S, **Bocking A**, Gibb W, **Matthews SG**. Regulation of multidrug resistance P-glycoprotein in the developing fetal blood-brain barrier. Society for Gynecologic Investigation, San Diego, USA, March 2008.

Petropoulos S, Gibb W, **Matthews SG**. Antenatal exposure to synthetic glucocorticoid decreases expression of multidrug resistance phosphoglycoprotein: Implications for fetal protection. Endocrine Society Meeting, San Francisco, USA, June 2008.



Pierre-Louis J, **Viero S**, Kirsh J, **Chitayat D**. Noonan Syndrome Associated with neuroblastoma. American Society of Human Genetics, San Diego, California, USA, October 2007.

Proctor L, Dunk C, **Adamson SL**, **Kingdom JC**. Assessment of syncytiotrophoblast differentiation in floating mouse placental explants. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

Proctor L, Toal M, Drewlo S, **Okun N**, **Windrim R**, **Kingdom J**. Role of placental ultrasound to predict adverse pregnancy outcomes in women with low PAPP-A at 11-13 weeks. 13th International Federation of Placenta Associations Meeting "Placenta-Platform for Life", Kingston, Ontario, Canada, August 2007.

Ray J, Deda L, **Juriscova A**, **Caniggia I**. G1 phase cell cycle regulators are altered in placentae from preeclamptic pregnancy. Society of Gynecological Investigation (SGI) 55th Annual Meeting, San Diego, California, USA, March 2008.

Ray J, **Nevo O**, Wu Y, **Juriscova A**, **Caniggia I**. Hydatidiform mole in twin pregnancy: differential expression of G1 cell cycle regulators A5.31. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, September 2007.

Rennie MY, Whiteley KJ, **Adamson SL**, Sled JG. Arterial distribution patterns of the expanding late gestational murine fetoplacental vascular tree. North American Vascular Biology Organization (NAVBO) Developmental Vascular Biology Workshop III, Asilomar Conference Center, Pacific Grove, California, USA, January 30-February 3, 2008.

Rennie MY, Whiteley KJ, **Adamson SL**, Sled JG. Topology of the late gestational expansion of the murine fetoplacental vascular tree. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

Revenu N, Boon L, Mulliken J, Enjolras O, Cordisco M, **Chitayat D**, Vikkula M. Parkes Weber syndrome, vein of Galen aneurysmal malformation, and other fast-flow vascular anomalies, and specific neural tumors, associated with CM-AVM and RASA1 mutations. American Society of Human Genetics, San Diego, California, USA, October 2007.

**Robinson GE**. Foster care: Are we hurting the children? American Psychiatric Association Meeting, Washington DC, USA, May 2008.

Rolfo A, Many A, Post M, **Caniggia I**. Characterization of SIAH-1 isoforms in normal and preeclamptic placentae. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

Rolfo A, Many A, Post M, **Caniggia I**. Evidence for direct HIF-1 $\alpha$  regulation of PHD2 in human JEG-3 choriocarcinoma cells. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

Rolfo A, Many A, Yinon Y, Todros T, **Juriscova A, Caniggia I**. Mcl-1 expression/regulation in placentae from IUGR pregnancies. 13th International Federation of Placenta Associations and 2nd Placenta Association of the Americas Conference, Kingston, Ontario, Canada, August 17-21, 2007.

Rolfo A, Racano A, Todros T, Post M, **Juriscova A, Caniggia I**. Differential role of mule in regulating cell death in preeclamptic and IUGR placentae. Oral. Society of Gynecological Investigation (SGI) 55th Annual Meeting, San Diego, California, USA, March 2008.

Rolfo A, Todros T, Post M, **Caniggia I**. Differential expression of hydroxylases in pathological models of placental hypoxia. Keystone Symposia, Vancouver, British Columbia, Canada, January 2008.

Ron I, Yie S, **Librach CL**. Identification and production of stem cells with embryonic characteristics from the first trimester umbilical cord. Canadian Fertility and Andrology Society Annual Meeting, Halifax, Nova Scotia, Canada, September 2007.

**Ryan G**, Hecher K, Quintero R, Moise K, **Seaward G, Windrim R**, Alkazaleh F. Vascular limb occlusion in severe twin-twin transfusion syndrome (TTTS). International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), Florence, Italy, October 2007.

**Seaward PGR, Keunen J, Toi, A, Chitayat D, Windrim R, Chong K, Ryan G**. Prenatal diagnosis of upper limb reduction defects: A case series from a tertiary centre. Oral. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISSUOG) 2007, Florence, Italy, October 2007.

Seghal A, Mak W, **Dunn M**, Kelly E, Redington A, Whyte H, McCrindle B, McNamara P: Impact of prophylactic surfactant on the ductus arteriosus and hemodynamics. Poster. Pediatric Academic Societies, Annual Meeting, Honolulu, Hawaii, May 2008.

Shah PS, Morag I, Nayot D, **Dunn M**. Leukocytosis in very low birth weight infants: Risk factor and outcomes. Poster. Canadian Paediatric Society, Annual Meeting, Victoria, BC, June 2008.

Shah S, Yiu A, **Ohlsson A**, Taddio A. Validation of a Modified Neonatal Facial Coding System (NFCS) to measure pain in neonates. Pediatric Academic Societies' Annual Meeting, Honolulu, Hawaii, May 2-6, 2008.

Shah S, Yiu A, **Ohlsson A**, Taddio A. Validation of a Modified Neonatal Facial Coding System (NFCS) to Measure Pain in Neonates. Canadian Paediatric Society 85th Annual Conference, Victoria, British Columbia, Canada, June 24-28, 2008

Shathasivam P, Sodek K, Motamed-Khorasami A, Jurisica I, Wrana J, **Brown TJ**. Vephl is a novel regulator of TGF $\beta$  signaling in ovarian cancer cells. 8th Conference on Signaling in Normal and Cancer Cells, Banff, Alberta, Canada, March 9-13, 2008.

Sheshgiri R, Rao V, Ramzy D, Ross H, Tumiaty L, **Librach C**, Xiao R, Delgado D. Progesterone induces HLA-G expression in the vascular endothelium: a possible protective strategy against cardiac allograft rejection. Canadian Cardiovascular Society Meeting, Quebec City, Quebec, Canada, October 2007.

Sroka H, Kolomietz E, Winsor E, Ng-Kcomt J, Cappa E, **Chitayat D**. Prenatal false positive for Trisomy 21 with Fluorescent in situ Hybridization (FISH). American Society of Human Genetics, San Diego, California, USA, October 2007.

Stevens B, McGrath P, Ballantyne M, Yamada J, **Ohlsson A**. Feasibility of pain interventions for infants at risk for neurological impairment. Pediatric Academic Societies' Annual Meeting, Honolulu, Hawaii, May 2-6, 2008.

Stevens B, McGrath P, Ballantyne M, Yamada J, **Ohlsson A**. Pain management strategies for procedural pain in hospitalized neonates: Do health professionals do what they say they will do? Pediatric Academic Societies' Annual Meeting, Honolulu, Hawaii, May 2-6, 2008.

Stewart J, **Letarte M, Shaw P, Murphy J, Rosen B**, Neel B. Early steps in the search for ovarian tumor initiating cells. Toronto Ovarian Cancer Research Network, University Health Network, November 2, 2007.

Summers AM, Huang T, Boucher K, Lepage N, Hoffman B, **Okun N, Toi A**, Siu V, MacDonald K, O'Donnell A, Rashid S, Farrell SA. Integrated prenatal screening in Ontario since 1999. International Screening and Prenatal Diagnosis Meeting, Vancouver, BC, Canada, June 1-4, 2008.

Szybowska M, Shuman C, **Chitayat D**, Mendoza-Londono R. Impact of life experiences of individuals with Osteogenesis Imperfecta (OI) on reproductive decision making. American Society of Human Genetics, San Diego, California, USA, October 2007.

Tanaka M, Lee Y, **Carvalho JCA**. Sonoanatomy of the lumbar spine in patients with previous accidental dural punctures during labor epidurals. 29th Shields Day, University of Toronto, Toronto, Ontario, Canada, May 2, 2008.

Terblanche N, Borges B, **Carvalho JCA**, You-Ten Kong E. Decreased cardiovascular hemodynamics as possible mechanism of hypotension during cesarean delivery under spinal anesthesia: Role of noninvasive impedance cardiography. Society for Obstetric Anesthesia and Perinatology (SOAP) 40th Annual Meeting, Chicago, Illinois, USA, April 30-May 4, 2008.

**Ternamian A**. 3,200 laparoscopic peritoneal entries with the visual cannula. 64rd Annual Clinical Meeting of the Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, 28 June 2008.

**Ternamian A**. Core competencies in gynaecologic endoscopy for general Ob/Gyn training: The Canadian Endoscopy Education Study. 36th Global Congress of Minimally Invasive Gynecology, Washington, DC, USA, November 17, 2007.

**Ternamian A**. Curriculum development in gynaecologic endoscopy for Ob/Gyn resident teaching. Poster. St. Joseph's Health Centre, Annual Clinical Research Day. Toronto, Ontario, Canada, November 7, 2007.

**Ternamian A**. Delayed complications of hysteroscopic endometrial resection. 36th Global Congress of Minimally Invasive Gynecology. Washington, DC, USA, November 17, 2007.

**Ternamian A.** Visual entry in laparoscopy: 13 years' experience with the ENDOTIP cannula. 36th Global Congress of Minimally Invasive Gynecology, Washington, DC, USA, November 17, 2007.

**Ternamian A.** Visual primary port insertion in laparoscopic surgery. Poster. St. Joseph's Health Centre, Annual Clinical Research Day, Toronto, Ontario, Canada, November 7, 2007.

Thomas M, Jessen J, **Keating S, Chitayat D.** A possible role for the PTPN11 gene in sex determination. American Society of Human Genetics (ASHG), San Diego, California, USA, October 2007.

Thompson M, **Keating S**, Shannon P, **Seaward G**, Pierre-Louis J, Sroka H, Shaw D, Wolff A, **Chitayat D.** Diaphragmatic hernia, renal cysts and cardiac abnormalities: A new X-linked condition? American Society of Human Genetics, San Diego, California, USA, October 2007.

Tone A, Begley H, Sharma M, **Murphy J, Rosen B, Brown TJ, Shaw PA.** The role of DAB2 and SKIL in high grade serous carcinoma. American Association for Cancer Research Annual Meeting, San Diego, California, USA, April 12-16, 2008.

Wang X, Koletar MM, Chalmers JA, **Belsham DD.** Establishment of novel immortalized pituitary cell lines from an adult mouse. 90<sup>th</sup> Annual Meeting of the Endocrine Society, San Francisco, California, June 2008.

Wendland BE, Atkinson L, Goldberg S, Meaney M, **Matthews S**, Levitan R. Maternal infant attachment predicts growth in high and low risk young children. 31st Annual Meeting of the Canadian College of Neuropsychopharmacology, Toronto, Canada, June 2008.

Widdow K, Dunk C, **Kingdom J**, Sibbons P, Ansari T. Excessive Syncytial knot (SK) formation: to be or knot to be? Direct measurement of average SK volume using the point sampled intercept (PSI). 13th International Federation of Placenta Associations Meeting "Placenta-Platform for Life", Kingston, Ontario, Canada, August 2007.

**Wolfman W.** Pathological findings in symptomatic and asymptomatic postmenopausal women undergoing hysteroscopy. Society of Obstetricians and Gynaecologists of Canada, Calgary, Alberta, Canada, June 2008.

**Wolfman W.** Spontaneous return of menses after 20 years in a patient with premature ovarian failure after a donor egg pregnancy. North American Menopause Society, Dallas, Texas, USA, October 2007.

Wong C, **Rogers I.** Pluripotential cells in UCB, CSHL. Stem Cell Meeting, Cold Spring Harbor Laboratory (CSHL), Cold Spring Harbor, New York, USA, June 2008.

Wright JK, Dunk CE, Winterhager E, **Kingdom JCP.** EGF receptor signalling mediates extravillous trophoblast differentiation. The Society for Gynecologic Investigation 2007 55th Annual Scientific Meeting, San Diego, California, USA, March 2008.

Xiao R, Gong W, Zhao JH, **Librach CL.** Identification and production of stem cells with embryonic characteristics from the first trimester umbilical cord. International Society for Stem Cell Research Annual Meeting, Philadelphia, Pennsylvania, USA, June 2008.

Xu G, Evangelou A, Voulgaraki D, Auersperg N, Miller D, Ehlen T, Kislinger T, **Letarte M**. Analysis of differentially expressed protein in ovarian surface epithelial cells carrying a BRCA-1 mutation by Multidimensional Protein Identification Technology. 4th Canadian Conference on Ovarian Cancer Research, Montreal, Quebec, Canada, May 4-7, 2008.

Xu J, **Nevo O**, Yinon Y, Ray J, Post M, **Caniggia I**. Differential regulation of trophoblast proliferation and differentiation by TGF $\beta$  A6.46. International Federation of Placenta Associations Meeting, Kingston, Ontario, Canada, August 2007.

Yeganegi M, Watson CS, Kim S, Reid G, **Challis JRG**, **Bocking AD**. Lactobacilli supernatant inhibits LPS-Activated TNF- $\alpha$  and stimulates IL-10 production in human chorion trophoblast cells, SGI 2008 Annual Scientific Meeting, San Diego, California, USA, March 2008.

Yeganegi M, Watson CS, Kim S, Reid G, **Challis JRG**, **Bocking AD**. The stimulating effect of LPS on cytokines and Prostaglandin-endoperoxide Synthase 2 (PTGS2) in human placental trophoblast cells is dependent upon the sex of the fetus lactobacilli. SGI 2008 Annual Scientific Meeting, San Diego, California, USA, March, 2008.

Yinon Y, Xu J, Todros T, **Kingdom J**, Post M, **Caniggia I**. Differential expression of TGF-B receptors ALK1 and ALK5 in placenta from preeclampsia and IUGR pregnancies. The Society for Gynecologic Investigation 2007 55th Annual Scientific Meeting, San Diego, California, USA, March 2008.

You-Ten Kong E, Borges B, Terblanche N, **Carvalho JCA**. Decreased cardiovascular hemodynamics as possible mechanism of hypotension during cesarean delivery under spinal anesthesia: role of noninvasive impedance cardiography. Canadian Anesthesiologists' Society Annual Meeting, Halifax, Nova Scotia, Canada, June 13-17, 2008.

**Yudin MH**, Salaripour M, Sgro MD. Pregnant women's knowledge of influenza and the use and safety of the influenza vaccine during pregnancy. Infectious Diseases Society for Obstetrics and Gynecology, Annual Scientific Meeting. August 9-11, 2007, Boston, MA, USA.

**Yudin MH**, Salaripour M, Sgro MD. Knowledge among Canadian women regarding NACI guidelines for influenza vaccination during pregnancy. Society of Obstetricians and Gynaecologists of Canada 64th Annual Clinical Meeting. June 25-29, 2008. Calgary, Alberta, Canada.

**Yudin MH**, **Shapiro HM**, Loutfy MR. Access to fertility services for HIV-positive individuals is regionally dependent in Canada. Canadian Conference on HIV/AIDS Research. April 24-27, 2008, Montreal, Quebec, Canada.

Zamudio S, **Caniggia I**, Illsley N. Hypoglycemia as the origin of hypoxia-associated fetal growth restriction. Keystone Symposia, Vancouver, British, Columbia, Canada, January 2008.



## Department of Obstetrics and Gynaecology



# 25<sup>th</sup> Annual RESEARCH DAY

FRIDAY, MAY 2, 2008

8:00 a.m. – 6:30 p.m.

Old Vic Building

91 Charles St. West

Victoria University

University of Toronto

HENDERSON LECTURE: 11:35 a.m. – 12:35 p.m.

“Individualized ovarian cancer treatment and prevention in the genomic era”

Andrew Berchuck MD

Director, Division of Gynecologic Oncology

Duke University Medical Center, Durham NC, USA

WINE & CHEESE RECEPTION: 4:50 – 6:30 P.M.

UNIVERSITY OF TORONTO

Faculty of Medicine



## Research Day, May 2, 2008

The Department of Obstetrics & Gynaecology celebrated its 25th annual Research Day on Friday, May 2, 2008. The event highlighted all the exceptional talent we have in our department and our trainees presented orals and posters in a mix of clinical and basic science topics. There were 12 oral and 57 poster presentations and an excellent Henderson Lecture, delivered by Dr. Andrew Berchuck, Director, Division of Gynecologic Oncology, from the Duke University Medical Center, Durham, North Carolina, USA, on the topic of “Individualized ovarian cancer treatment and prevention in the genomic era.”



Dr. Andrew Berchuck  
Henderson Lecturer



## Oral Presentations

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

### **O1 EXPOSURE TO POLYCYCLIC AROMATIC HYDROCARBONS PRIOR TO CONCEPTION INCREASES EMBRYONIC RESORPTION RATES AND IS ASSOCIATED WITH ELEVATED NUMBERS OF UTERINE NATURAL KILLER CELLS.**

*Jacqui Detmar* [PD](1), Xueyuan Shang (1) and **Andrea Jurisicova** (1,2) (1) Division of Reproductive Sciences, Department of Obstetrics and Gynaecology and (2) Department of Physiology, University of Toronto and the Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**O2 CAN SURGICAL PRECEPTORSHIP MAKE A DIFFERENCE? POST-INTERVENTION ASSESSMENT OF A PRECEPTORSHIP PROGRAM FOR OPTIMIZING MINIMALLY INVASIVE HYSTERECTOMY [WORK IN PROGRESS]\***

*Gita Singh [F]* (1), Suma Shastry (1), Laurel Duquette (2), Catherine Morovac (1), **Deborah Robertson** (1), **Guylaine Lefebvre** (1). (1) Department of Obstetrics and Gynaecology, St. Michael's Hospital, University of Toronto, (2) Department of Statistics, University of Toronto.

**O3 REGULATION OF MULTIDRUG RESISTANCE PHOSPHOGLYCOPROTEIN IN THE DEVELOPING FETAL BLOOD-BRAIN BARRIER**

*Sophie Petropoulos [G]*(1), K Bocking, W Gibb(4), **SG Matthews**(1-3). Departments of (1)Physiology, (2)Obstetrics and Gynaecology, and (3)Medicine, University of Toronto, (4)Departments of Obstetrics and Gynecology, Cellular and Molecular Medicine, University of Ottawa.

**O4 THE ROLE OF DAB2 AND SKIL IN FALLOPIAN TUBE AND OVARIAN HIGH GRADE SEROUS CARCINOMA**

*Alicia Tone [G]* (1-4), Heather Begley (3), Monika Sharma (5), **Joan Murphy** (2), **Barry Rosen** (2), **Theodore J. Brown** (2, 4) **Patricia Shaw** (1-3). (1) Dept. of Laboratory Medicine & Pathobiology, University of Toronto, (2) Dept. of Obstetrics & Gynecology, University of Toronto, (3) Dept. of Pathology, University Health Network, (4) The Samuel Lunenfeld Research Institute, Mount Sinai Hospital and (5) Microarray Centre, University Health Network.

**O5 GENE EXPRESSION PROFILES LINKING SEROUS LOW MALIGNANT POTENTIAL TUMORS WITH MICROPAPILLARY FEATURES TO LOW GRADE SEROUS CARCINOMA OF THE OVARY**

*Taymaa May [R]*(1,2,3), Carl Virtanen(4), Monika Sharma(4), Heather Begley(5), Igor Jurisica(4), **Barry Rosen**(6), **K Joan Murphy**(6), **Patricia Shaw**(5), **Theodore Brown**(1,2,3). (1) Department of Obstetrics and Gynaecology, University of Toronto; (2) Institute of Medical Sciences, University of Toronto; (3) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (4) Division of Signaling Biology, Ontario Cancer Institute, (5)Department of Pathology, University Health Network; (6)Divison of Gynecological Oncology, Princess Margaret Hospital.

**O6 HUMAN EMBRYONIC STEM CELLS SECRETE SOLUBLE FACTORS ABLE TO INHIBIT CANCER CELL GROWTH**

*Domenica Giuffrida [PD]*, **Ian Rogers**, Andras Nagy, **Theodore J Brown**, **Robert F Casper**. Samuel Lunenfeld Research Institute, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

**O7 THE ROLE OF THE mTOR SIGNALING PATHWAY IN MYOMETRIAL DIFFERENTIATION**

*Shabana N Jaffer [G]*(1,3), O. Shynlova(1), **SJ Lye**(1,2,3). (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2)Obstetrics and Gynaecology, (3)Physiology, University of Toronto.

**O8 SEX LINKED ASSOCIATIONS OF PLACENTAL DYSFUNCTION**

*Ally Murji [R]*, Leslie Proctor, **John Kingdom** Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

### **O9 ROLE OF MCL-1 UBIQUITIN LIGASE E3 (MULE) IN REGULATING CELL DEATH IN PREECLAMPTIC AND IUGR PLACENTAE**

*Alessandro Rolfo [PD]* (1), Antonella Racano (1,2), Tullia Todros (4), Martin Post (2,3), **Andrea Jurisicova** (1), **Isabella Caniggia** (1,2).

(1)Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Samuel Lunenfeld Research Institute, (2) Department of Physiology, University of Toronto, (3) Department of Pediatrics, Hospital for Sick Children, (4) Department of Obstetrics and Gynecology, University of Turin, Turin, Italy.

### **O10 THE STIMULATING EFFECT OF LPS ON CYTOKINES AND PROSTAGLANDIN-ENDOPEROXIDE SYNTHASE 2 (PTGS2) IN HUMAN PLACENTAL TROPHOBLAST CELLS IS DEPENDENT UPON THE SEX OF THE FETUS**

*Maryam Yeganegi [G]*(1,3), Carole S Watson(3), Sung Kim(2), Gregor Reid(2), **John RG Challis**(1), **Alan D Bocking**(1,3).

(1)Department of Physiology & Obstetrics and Gynaecology, University of Toronto, (2)Department of Microbiology & Immunology, University of Western Ontario, London, Ontario, (3)Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

### **O11 DOES TRANSVAGINAL ULTRASOUND ASSESSMENT OF TOTAL CERVICAL LENGTH AND/OR 'FUNNELING TO THE STITCH' PREDICT PRETERM BIRTH IN WOMEN WITH A CERVICAL CERCLAGE IN SITU?**

*Alexandra Seaward [M]*, Julia Kfoury, Jodie Dodd, **Rory Windrim**, **Wendy Whittle**.

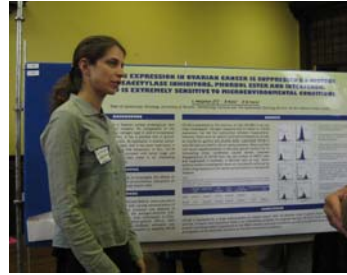
Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

### **O12 PREDICTION OF ADVERSE PREGNANCY OUTCOMES IN WOMEN WITH LOW PAPP-A**

*Leslie Proctor*(1), M Toal (1), **S. Keating** (2), **N Okun** (1), **R Windrim** (1), G Smith (3), **J Kingdom** (1).

(1)Maternal-Fetal Medicine Division, (2)Department of Pathology, Mount Sinai Hospital, University of Toronto, (3)Department of Obstetrics & Gynaecology, University of Cambridge, England, UK.





## Poster Presentations\*

\*N.B. Missing numbers relate to withdrawals or changes in the programme

### **P-A1 DIFFERENTIAL EXPRESSION OF TGF- $\beta$ RECEPTORS ALK1 AND ALK5 IN PLACENTAE FROM PREECLAMPTIC AND IUGR PREGNANCIES**

*Yoav Yinon [F]*, Jing Xu, Tullia Todros, **John Kingdom**, Martin Post, **Isabella Caniggia**.  
Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

### **P-A2 eNOS PROMOTES UTERO-PLACENTAL REMODELING AND BLOOD FLOW, AND FETO-PLACENTAL OXYGEN DELIVERY DURING PREGNANCY IN MICE.**

*Shathiyah Kulandavelu [G]* (1,2,3), Junwu Mu (3), Kathie Whiteley (3), **S Lee Adamson** (1,2,3).  
(1) Physiology, Obstetrics & Gynaecology, (2) Cardiovascular Sciences Collaborative Programs, University of Toronto and (3) Samuel Lunenfeld Research Institute.

### **P-A3 UMBILICAL CORD BLOOD CELLS: POTENTIAL USE IN SPINAL CORD INJURY**

*Shawn Chua [G]*(1), Ian Rogers (1), Ryszard Bielecki (1), Nobuko Yamanaka (1), Michael G. Fehlings (2), **Robert F Casper** (1).  
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; Department of Obstetrics and Gynaecology; (2) Division of Cell and Molecular Biology, Toronto Western Research Institute, Krembil Neuroscience Center; Institute of Medical Sciences, University of Toronto.



**P-A4 PREVIOUS HUMAN PAPILLOMAVIRUS (HPV) RELATED GYNAECOLOGICAL NEOPLASIA IN WOMEN DIAGNOSED WITH ANAL CANCER IN THE PROVINCE OF ONTARIO**

*Waldo Jimenez*[F](1), **Rachel Kupets** (1), Lawrence Paszat (2,3), Jill Tinmouth (2,4) (1) Gynaecologic Oncology Division, Department of Obstetrics & Gynaecology, University of Toronto, (2) Institute for Clinical Evaluative Sciences (ICES), (3) Department of Radiation Oncology, University of Toronto (4) Division of Gastroenterology, Department of Internal Medicine, University of Toronto.

**P-A5 VEPH1 IS A NOVEL REGULATOR OF TGF- $\beta$  SIGNALING IN OVARIAN CANCER CELLS.**

*Premalatha Shathasivam*[G][1,2,3], A. Motamed-Khorasani[1,2,3], J. Wrana[1,5], I. Jurisica[6,7,8], **TJ Brown**[1,2,3,4]. (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital; Departments of (2)Physiology, (3)Obstetrics and Gynaecology, (4)Cell and Systems Biology, (5)Medical Genetics and Microbiology, (6)Medical Biophysics, and (7)Computer Science, University of Toronto, and the (8)Division of Cancer Informatics, Ontario Cancer Institute, Princess Margaret Hospital.

**P-B1 INCIDENCE OF HYPERTENSIVE DISORDERS IN DISCORDANT AND GROWTH RESTRICTED TWIN PREGNANCIES**

*Katy Gouin* [F](1), **Jon Barrett** (1), **Ori Nevo** (1) (1) Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre, University of Toronto.

**P-B2 AUTOSOMAL DOMINANT SMALL INTESTINAL ATRESIA/STENOSIS - CASE REPORT.**

*Jaime Jessen*, [O] (1), S. Koenen(1), **D Chitayat**(1,2) (1) Mount Sinai Hospital, Department of Obstetrics and Gynaecology (SK), Prenatal Diagnosis and Medical Genetics, (2) Hospital for Sick Children, Department of Paediatric Surgery (PK), Clinical and Metabolic Genetics.

**P-B3 CD138 EXPRESSION IN OVARIAN CANCER IS SUPPRESSED BY HISTONE DEACETYLASE INHIBITORS, PHORBOL ESTER AND INTERFERON, AND IS EXTREMELY SENSITIVE TO MICROENVIRONMENTAL CONDITIONS.**

*Limor Helpman* [F](1), B Katz(2), D Grisaru(3) (1)Dept of Gynaecologic Oncology, University of Toronto, (2)Hematology Institute and (3)the Gynecologic Oncology Service, Tel Aviv Medical Center.

**P-B4 THE AVAILABILITY AND ACCESS TO NEW TECHNOLOGIES AND PROCEDURES FOR FEMALE PATIENTS WITH PELVIC FLOOR PROLAPSE AND STRESS URINARY INCONTINENCE BY GYNAECOLOGISTS, UROGYNAECOLOGISTS, AND UROLOGISTS**

*Daniel Kreichman* [F], Raed Ahmed, Victor Miranda, **Harold P Drutz**, **Danny Lovatsis**. Urogynecology and Advanced Pelvic Reconstructive Surgery, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University of Toronto.

**P-B5 UNIVERSITY OF TORONTO STUDENTS' ACCEPTANCE OF THE HUMAN PAPILLOMAVIRUS VACCINE**

*Rachel HB Mitchell* [M](1), Paula Barata (2,3), Adina Weinerman (1), Thomas O'Brien (1), **Donna Stewart** (1,2) (1) Faculty of Medicine, University of Toronto (2) Women's Health Program, University Health Network (3) Department of Psychology, University of Guelph.

**P-C1 UTILIZATION OF PREOPERATIVE IMAGING AMONG UTERINE CANCER PATIENTS IN ONTARIO**

*Lilian T Gien [F]*(1), Lisa Barbera (2,3), **Rachel Kupets** (1), Refik Saskin (3), Lawrence Paszat (2,3)

(1) Division of Gynecologic Oncology, (2) Department of Radiation Oncology & (3) Institute of Clinical Evaluative Sciences, Sunnybrook Health Sciences Centre, University of Toronto.

**P-C2 TRANSGENERATIONAL EFFECTS OF PRENATAL SYNTHETIC GLUCOCORTICOID EXPOSURE ON RENAL FUNCTION**

*Majid Iqbal[M]*(1), Jason Leen(1), Elizabeth A Dunn(1), Alice Kostaki(1), Grazyna Kalabis(1), **Stephen G Matthews**(1,2,3).

Departments of (1)Physiology, (2)Obstetrics and Gynecology and (3)Medicine, Faculty of Medicine, University of Toronto.

**P-C3 ROLE OF TAp73 IN THE TRANSFORMATION OF OVARIAN SURFACE EPITHELIUM (Work-in-Progress)**

*Fatima Khan [G]* (1), Tak Mak (2), **Andrea Jurisicova** (1) (3). (1) Department of Physiology, University of Toronto, (2) The Campbell Family Institute for Breast Cancer Research, Princess Margaret Hospital.(3) Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

**P-C4 FIH-1 EXPRESSION/ROLE DURING HUMAN PLACENTAL DEVELOPMENT**

*Antonella Racano[G]* (1, 2), Alessandro Rolfo (1), **Isabella Caniggia** (1, 2, 3). (1) Mount Sinai Hospital, Samuel Lunenfeld Research Institute; Departments of (2) Physiology and (3) Obstetrics and Gynecology, Faculty of Medicine, University of Toronto.

**P-C5 TRENDS IN MANAGEMENT OF PPROM BETWEEN 24 TO 36 WEEKS' GESTATION AMONG MFMs IN CANADA**

*Shereen Chirayilkalam[R]*(1), **Jon Barrett**(2), Sharon Maslowitz(2)

(1)Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Women's College Hospital, Sunnybrook Health Sciences Center.

**P-D1 ONE YEAR OBSERVATIONAL STUDY INVESTIGATING THE ENDOMETRIAL PROTECTION AND SYMPTOM CONTROL OF VAGINAL PROGESTERONE IN A COMBINED CONTINUOUS HRT REGIMEN**

*Jamie Kroft [R]*, **Wendy Wolfman**. Department of Obstetrics and Gynecology, Mount Sinai Hospital, University of Toronto.

**P-D2 FETAL PARIETAL FORAMINA: ULTRASOUND AND MRI FINDINGS**

*Tami Friedberg [O]*(1,3), Sophie Pentazi (2), Susan Blaser (4), **Kellie Murphy**(3), **David Chitayat** (1,3,5)

Mount Sinai Hospital, (1)The Prenatal Diagnosis and Medical Genetics Program,(2)Department of Diagnostic Imaging and (3)Obstetrics and Gynecology; The Hospital for Sick Children, (4)Department of Diagnostic Imaging; Divisions of Diagnostic Imaging and Neuroradiology and (5)Division of Clinical and Metabolic Genetics; University of Toronto.



**P-D3 THE INVOLVEMENT OF PRE-ECLAMPSIA SUSCEPTIBILITY GENE STOX1 IN MIGRATION AND INVASION OF EXTRAVILLOUS TROPHOBLASTS**

*Marie van Dijk* [PD](1), Caroline Dunk(1), Cees Oudejans(2), **Stephen Lye**(1)

(1)Department of Physiology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital,

(2)Department of Clinical Chemistry, VU University Medical Center, Amsterdam, the Netherlands

**P-D4 ANALYSIS OF DIFFERENTIALLY EXPRESSED PROTEINS IN OVARIAN SURFACE EPITHELIAL CELLS CARRYING A BRCA1 MUTATION BY MULTIDIMENSIONAL PROTEIN IDENTIFICATION TECHNOLOGY**

*Guoxiong Xu* [PD](1), Andreas I. Evangelou(2), Despoina Voulgaraki(1), Nelly Auersperg(3), Dianne Miller(3), Thomas Ehlen(3), Thomas Kislinger(2), and **Michelle Letarte**(1)

(1)Molecular Structure and Function Program, The Hospital for Sick Children, (2)Cancer Genomics and Proteomics, Ontario Cancer Institute, University Health Network, (3)Department of Obstetrics and Gynaecology, University of British Columbia, Vancouver, British Columbia

**P-D5 PSYCHOSEXUAL AND FUNCTIONAL OUTCOMES AFTER CREATION OF A NEOVAGINA VIA LAPAROSCOPIC DAVYDOV IN PATIENTS WITH VAGINAL AGENESIS**

*Kerith L Lucco* [F], Cortney M Brown, **Rachel Spitzer**, **Lisa Allen**, **Sari Kives**, Derek Stephens. Department of Obstetrics and Gynaecology, University of Toronto, Hospital for Sick Children, Mount Sinai Hospital, St. Michael's Hospital.

**P-E1 TRANSGENERATIONAL EFFECTS OF ANTENATAL BETAMETHASONE TREATMENT ON CORTICOSTEROID RECEPTOR EXPRESSION IN THE HIPPOCAMPUS**

*Steven Koenen* [F], Alice Kostaki, **Stephen G Matthews**. Departments of Physiology, Obstetrics & Gynaecology and Medicine, University of Toronto.

**P-E2 CHARACTERIZATION OF MATERNAL IMMUNE CELL POPULATIONS INVOLVED IN DECIDUAL VASCULAR REMODELING.**

*Aleah Hazan* [G](1,2), Caroline Dunk(1), & **Stephen J Lye**(1,2,3). (1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Departments of (2)Physiology & (3)Obstetrics & Gynaecology, University of Toronto.

**P-E3 GCM1 AND CELL CYCLE REGULATION IN PLACENTAL PATHOLOGY**

*Dora Baczyk* [O](1), Sascha Drewlo(1), Kate Widdows (2), Tahera Ansari (2), **John Kingdom** (1). (1)Program in Development and Fetal Health, Department of Obstetrics & Gynaecology Samuel Lunenfeld Research Institute, Mount Sinai Hospital (2)Department of Surgical Research, NPIMR, Harrow, London, UK.

**P-E4 DIAPHRAGMATIC HERNIA, RENAL AND CARDIAC ABNORMALITIES: A NEW X-LINKED CONDITION?**

*Megan Thompson* [G](1), Sarah Keating(1), Patrick Shannon(1), **Gareth Seaward**(2), Jacqueline Pierre-Louis(3), Hana Sroka(3), Danielle Shaw(1), Alan Wolff(1), **David Chitayat**(3). Mount Sinai Hospital (1)Department of Pathology and Laboratory Medicine, (2)Department of Obstetrics and Gynaecology, (3)The Prenatal Diagnosis and Medical Genetics Program; University of Toronto.

**P-E5 EVALUATION OF TWO MANAGEMENT STRATEGIES FOR PREOPERATIVE GRADE 1 ENDOMETRIAL CANCER**

*Marcus Q Bernardini [F](1,4), Taymaa May(2), Mahmoud Khalifa(3), Sharon Nofech-Mozes(3), Andrew Berchuck(4), Al Covens(5), Laura Havrilesky(4)*

(1) Division of Gynaecologic Oncology, Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Department of Pathology, Sunnybrook Health Science Centre, (4) Division of Gynecologic Oncology, Department of Obstetrics and Gynecology, Duke University Medical Center, (5) Division of Gynaecologic Oncology, Odette Cancer Centre, Sunnybrook Health Sciences Centre.

**P-F1 RADICAL VAGINAL TRACHELECTOMY VS. RADICAL HYSTERECTOMY FOR SMALL EARLY STAGE CERVICAL CANCER: A MATCHED CASE-CONTROL STUDY**

*Mario Beiner [F] (1), Jan Hauspy (1), Barry Rosen (2), Joan Murphy (2), Stephane Laframboise (2), Sharon Nofech-Mozes (3), Nadia Ismiil (3), Golnar Rasty (3), Mahmoud A. Khalifa (3), Al Covens (1).*

(1) Division of Gynecologic Oncology, Toronto Sunnybrook Regional Cancer Center, University of Toronto, (2) Division of Gynecologic Oncology, Princess Margaret Hospital, University of Toronto, (3) Department of Anatomic Pathology, Sunnybrook Health Sciences Centre, University of Toronto.

**P-F2 A NONINVASIVE TECHNIQUE TO MEASURE VISCERAL ADIPOSITY IN THE FIRST TRIMESTER OF PREGNANCY (WORK IN PROGRESS)**

*Aisling Martin(F)(1), Howard Berger(1), Andrea Lausman(1), Joel Ray(1,2,3)*

(1)Department of Obstetrics and Gynecology, St. Michael's Hospital, University of Toronto, (2)Department of Medicine, Divisions of Endocrinology and Metabolism and General Internal Medicine, St. Michael's Hospital, University of Toronto, (3)Department of Health Policy Management and Evaluation, St. Michael's Hospital, University of Toronto.

**P-F3 PATHOLOGIC FINDINGS IN SYMPTOMATIC AND ASYMPTOMATIC POSTMENOPAUSAL WOMEN UNDERGOING HYSTEROSCOPY**

*Sarah Wallace [R] (1), Wendy Wolfman (2), Alison Bennett (3), Michelle Jacobson (4) Gina Yip (1) Department of Obstetrics & Gynecology, University of Toronto (2) Department of Obstetrics & Gynecology, Mount Sinai Hospital (3) University of Toronto (4) University of Western Ontario (5) University of Toronto*

**P-F4 TOPOLOGY OF THE LATE GESTATIONAL EXPANSION OF THE MURINE FETOPLACENTAL VASCULAR TREE**

*Monique Y Rennie[G](1), Kathie J. Whiteley(3), S. Lee Adamson(2,3), John G. Sled(1).*

Departments of (1)Medical Biophysics, (2)Obstetrics and Gynecology and Physiology, University of Toronto, (1)Mouse Imaging Centre, Toronto Centre for Phenogenomics, Hospital for Sick Children, (3) Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**P-F5 PREDICTORS FOR OVERALL SURVIVAL IN PATIENTS WITH ADVANCED EPITHELIAL OVARIAN CANCER**

*Diederick de Jong [F] (1), Kees Gerestein (2), Rene Eijkemans (3), Maria van der Burg (4), Curt Burger (2), Anca Ansink (2).*

(1) Division of Gynaecologic Oncology, Department of Obstetrics & Gynaecology, Princess Margaret UHN, University of Toronto; (2) Division of Gynaecologic Oncology, Department of Obstetrics & Gynaecology, (3) Department of Public Health, and (4) Department of Medical Oncology, Erasmus University Medical Center, Rotterdam, the Netherlands.

**P-G2 USE OF ORAL CONTRACEPTIVE PILL DOES NOT AFFECT TRANSFERRED-EMBRYO SCORES IN IVF CYCLES**

*Samuel Ko [R](1), Heather Shapiro (1), Guilia DeFranco(1).*

(1)Reproductive Biology Unit, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

**P-G3 HUMAN FIRST TRIMESTER UMBILICAL CORD STEM CELLS AS AN EMBRYONIC-LIKE STEM CELL SOURCE: PROLIFERATIVE AND MULTILINEAGE DIFFERENTIATION POTENTIAL**

*Rong Xiao[PD], Wei Gong, Jun Hai Zhao, and Clifford L Librach*

Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women's College Hospital, University of Toronto.

**P-G4 THE LAPAROSCOPIC MYOMECTOMY: A SURVEY OF CANADIAN GYNAECOLOGISTS**

*Lynne Zolis [R] (1), Liu Grace(2), Rose Kung(3), Mary Melchior(4), Sony Singh(5), Earl Cook(6).*

(1) Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre, (2) Department of Obstetrics and Gynaecology, St. Joseph's Health Sciences Centre.

**P-G5 THE ROLE OF VON HIPPEL-LINDAU (VHL) IN PLACENTAE FROM NORMAL AND PATHOLOGICAL PREGNANCY**

*Livia Deda [G](1), Jing Xu (2), Alessandro Rolfo (2), Jocelyn Ray (1,2), Isabella Caniggia (1,2)*

(1) Department of Physiology, University of Toronto (2) Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

**P-H1 OUTCOME OF SUBURETHRAL SLING IN THE MANAGEMENT OF CYSTOCELES IN WOMEN WITH AND WITHOUT OCCULT STRESS URINARY INCONTINENCE.**

*Lamya Al Kharusi (F)(1), Maria Augusta Bortolini(1), May Alarab(1), D. DeCarlo(1), Joel R. K. Moody(2), Danny Lovatsis(1), Harold P Drutz(1)*

(1) Urogynecology Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital. (2)Prosserman Centre for Health Research, Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**P-H2 PREECLAMPTIC PLACENTAE DISPLAY ALTERED EXPRESSION OF G1 PHASE CELL CYCLE REGULATORS.**

*Jocelyn Ray[G](1), Livia Deda(1), Andrea Jurisicova(1), Isabella Caniggia(1).*

(1) Departments of Obstetrics/Gynaecology & Physiology, SLRI, Mount Sinai Hospital, University of Toronto.

**P-H3 IMPROVING DEVELOPMENTAL COMPETENCE OF PREIMPLANTATION EMBRYOS BY ALTERING THE BALANCE OF BCL-XL**

*Roxanne Fernandes[G](1), Andrea Jurisicova(1,2), RF Casper(1,2)*

(1) Department of Physiology, University of Toronto, Mount Sinai Hospital (2) Department of Obstetrics & Gynaecology.

**P-H5 A POSSIBLE ROLE FOR THE PTPN11 GENE IN SEX DETERMINATION**

*Micki Thomas [O]* (1,2), Jaime Jessen (1,2), **Sarah Keating** (2), **David Chitayat** (1,2).  
(1)Department of Obstetrics and Gynecology, (2)The Prenatal Diagnosis and Medical Genetics Program and Department of Laboratory Medicine and Pathobiology, Mount Sinai Hospital; University of Toronto.

**P-I1 ECONOMIC ANALYSIS OF LAPAROSCOPIC TWO-TEAM SLING PROCEDURE VS TRANSOBTURATOR TAPE PROCEDURE**

*Violaine Marcoux [F]*, **Patricia E Lee**.  
Division of Urogynaecology, Department Of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.

**P-I2 MATERNAL GLUCOCORTICOID ADMINISTRATION IN EARLY PREGNANCY AND THE RELATIONSHIP BETWEEN 11 $\beta$ HSD2 IN OVINE PLACENTA AND FETAL WEIGHT ACROSS GESTATION**

*Melanie C Audette [G]*(1), KL Connor (1), T Braun (1), S Li (2), TJ Moss (2,3), DM Sloboda (2,3,4), JP Newnham (2,3), **JRG Challis** (1,5).  
(1)Department of Physiology, University of Toronto, (2)School of Women's and Infants' Health, University of Western Australia, (3)Women and Infants Research Foundation, University of Western Australia, (4)The Liggins Institute, University of Auckland, (5)Department of Obstetrics and Gynaecology and Medicine, University of Toronto.

**P-I3 OVARY-SPECIFIC DELETION OF MCL-1 AND ITS IMPACT ON GERM CELL SURVIVAL**

*Shakib Omari [G]*(1), Ingrid Lai(1), **Andrea Jurisicova**(1,2).  
(1)Department of Physiology, University of Toronto, (2)Department of Obstetrics and Gynaecology, Mount Sinai Hospital.

**P-I4 SUCCESS RATE OF TRANSOBTURATOR TAPE (TOT) COMPARE WITH TRANSVAGINAL TAPE (TVT) IN OBESE WOMEN WITH STRESS URINARY INCONTINENCE**

*Victor Miranda[F]*(1), Maria Augusta Bortolini(1), Raed Ahmed(1), Danny Kreichman(1), Joel R. K. Moody(2), **Danny Lovatsis**(1), **Harold P Drutz**(1)  
(1) Urogynaecology Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Prosserman Centre for Health Research, Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**P-I5 OXYTOCIN PRE-TREATMENT DECREASES OXYTOCIN-INDUCED MYOMETRIAL CONTRACTIONS IN PREGNANT RATS IN A DOSE BUT NOT TIME-DEPENDENT MANNER**

*Joyce KRS Magalhaes [G]*(1), Jose Carlos Almeida Carvalho (1,2), Robert Parkes (1), **John Kingdom** (2), Yonge Li (1), Mrinalini Balki (1).  
(1) Department of Anesthesia and Pain Management, Mount Sinai Hospital, (2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

**P-J1 THE UTILITY OF THE ISOLATED CHOROID PREXUS CYST ON PRENATAL ULTRASOUND TO DETECT FETAL ANEUPLOIDY**

*Sue Jin Kim[M]*(1), Shia Salem (2), **Wendy Whittle** (1).  
(1) Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Department of Medical Imaging, University Health Network, University of Toronto.

**P-J2 HOW TO GET MORE FROM UMBILICAL CORD BLOOD CELLS**

*Christine Wong (PD)*(1), **Robert Casper** (1), **Ian Rogers** (1). (1) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, University of Toronto.

**P-J3 COMPARISON BETWEEN TENSION-FREE VAGINAL TAPE AND TRANSOBTURATOR SUBURETHRAL TAPE FOR SURGICAL TREATMENT OF FEMALE STRESS URINARY INCONTINENCE – A RETROSPECTIVE STUDY**

*Maria Augusta Bortolini*[F](1), Victor Miranda(1), Raed S Ahmed(1), May Alarab(1), Joel RK Moody(2), **Danny Lovatsis**(1), **Harold P Drutz**(1)

(1) Urogynaecology Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

(2) Prosserman Centre for Health Research, Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**P-J4 OUTCOME OF INDUCED DELIVERIES IN GROWTH RESTRICTED FETUSES**

*Sharon Maslovitz* [F], Ariel Many.

Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

**P-J5 EXPRESSION OF THE MAESTRO (MRO) GENE IN ADULT HUMAN OVARIAN GRANULOSA CELLS**

*Shlomit Kenigsberg* [PD](1), P Ronald Tovich (1), **Clifford L Librach** (1,2)

(1) CReATe Fertility Centre (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.

**P-K1 ADMINISTRATION OF TESTOSTERONE TO ADULT MALE GUINEA PIGS REVERSES THE EFFECTS OF PRENATAL STRESS**

*Amita Kapoor* [G](1) & **Stephen G Matthews** (1-3)

(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Department of Medicine, University of Toronto.

**P-K2 PERINATAL OUTCOME OF WOMEN WITH INTRACRANIAL NEOPLASMS**

*Nadine Johnson* [F], **M Sermer**, **CV Maxwell**.

Division of Maternal-Fetal Medicine, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

**P-K3 AROMATASE INHIBITORS REDUCE MAMMOGRAPHIC BREAST DENSITY IN POSTMENOPAUSAL WOMEN RECEIVING HORMONE REPLACEMENT THERAPY.**

*Noha Mousa* [G] (1), Pavel Crystal (2), **Wendy Wolfman**(3), Mohamed Bedaiwy(4), **Robert Casper** (3)

(1) Institute of Medical Science, Mount Sinai Hospital, University of Toronto, (2) Division of Breast Imaging, Mount Sinai Hospital, (3) Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University of Toronto, (4) Reproductive Research Center, Cleveland Clinic, Cleveland.



**P-K4 RETROSPECTIVE REVIEW OF PREDISPOSING FACTORS AND SURGICAL OUTCOMES IN OBSTETRIC FISTULA PATIENTS AT A SINGLE TEACHING HOSPITAL IN WESTERN KENYA**

*Erin McFadden [M](1), Hillary Mabeya(2), Alan Bocking(3), Rachel F Spitzer (3)*

(1) Faculty of Medicine, University of Toronto (2) Department of Obstetrics and Gynecology, Moi Teaching and Referral Hospital, Eldoret, Kenya (3) Department of Obstetrics and Gynaecology, University of Toronto.

**P-L1 TIMP4 IN HUMAN PLACENTATION AND SEVERE IUGR: COUPLED MECHANISMS IN CYTOTROPHOBLAST DIFFERENTIATION AND INVASION OF THE HUMAN TROPHOBLAST**

*Sascha Drewlo [PD], Dora Baczyk, John Kingdom.* Program in Development and Fetal Health, Department of Obstetrics & Gynaecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

**P-L2 ARE THE EFFECTS OF CHRONIC MATERNAL STRESS ON BEHAVIOUR AND ENDOCRINE FUNCTION REVERSED BY ENVIRONMENTAL ENRICHMENT?**

*Jeff Emack[G](1), Alice Kostaki(1), and Stephen Matthews(1,2,3)*

Departments of (1)Physiology, (2)Obstetrics and Gynaecology, and (3)Medicine, Faculty of Medicine, University of Toronto.

**P-L3 IDENTIFICATION OF MAESTRO (MRO), A CANDIDATE TESTIS-DETERMINING GENE IN MOUSE, IN HUMAN TESTIS AND EJACULATED SPERM**

*P Ronald Tovich [PD](1), Shlomit Kenigsberg (1), Clifford L Librach (1,2).*

(1) CReATe Fertility Centre (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.

**P-L4 ATTENUATING CIRCADIAN ENDOCRINE RHYTHM DISRUPTION IN HUMANS UNDER NOCTURNAL BRIGHT LIGHT BY FILTERING SHORT WAVELENGTHS**

*Shadab A Rahman [G](1,2), Shai Marcu(3), Colin M Shapiro(3,4), Theodore J Brown (1,2) and Robert F Casper(1,2).*

(1)Department of Obstetrics and Gynaecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2)Department of Physiology, University of Toronto, (3)Department of Psychiatry, University of Toronto, (4)Department of Ophthalmology and Vision Sciences, University of Toronto.

**P-L5 PILOT STUDY OF THE CAROTID INTIMAL MEDIAL THICKNESS IN ASSOCIATION WITH SECOND TRIMESTER UTERINE ARTERY DOPPLER SONOGRAPHY**

*Andrea Lausman[O](1), John C Kingdom (2), Timothy J Bradley (3), Joel G Ray(4).*

(1) Department of Obstetrics and Gynaecology, St. Michael's Hospital, (2) Department of Obstetrics and Gynaecology, Mount Sinai Hospital, (3) Department of Paediatrics, Hospital for Sick Children, (4) Department of Medicine, St. Michael's Hospital; University of Toronto.



## Research Day Awards

The 2008 J.W. Knox Ritchie Research Awards for best abstract/presentation by trainee category and the Papsin Award were awarded during the celebratory wine and cheese reception at the end of Research Day. Congratulations to the winners, shown below.

**Clinical Fellow: Marcus Bernardini** (Supervisor: Allan Covens) for Poster presentation, E5

**Graduate Student: Maryam Yeganegi** (Supervisor: Alan Bocking) for Oral presentation, O10

**Post-Doctoral Fellow: Christine Wong** (Supervisor: Robert Casper) for Poster presentation J2

**Resident: Taymaa May** (Supervisor: Theodore J Brown) for Oral presentation O5

**Medical Student: Sue Jin Kim** (Supervisor: Wendy Whittle) for poster presentation J1

In addition, the 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 **Shereen Chirayilkalam**.



Marcus Bernardini and Andrew Berchuck



Stephen Lye, Christine Wong,  
Alan Bocking, Dean Catharine  
Whiteside



Chair Alan Bocking with Henderson  
family members Donald Henderson  
and Anne Stanfield and Henderson  
Lecturer Andrew Berchuck



Paul Bernstein, Shereen  
Chirayilkalam, Matthew  
Morton



Stephen Lye, Taymaa May, Alan Bocking



Stephen Lye,  
Maryam Yeganegi,  
Alan Bocking



Peter Hawrylyshyn

## RESEARCH GRANTS AND INVESTIGATIONS

**Adamson SL** (Principal Investigator), Cardiovascular phenotyping in embryonic and newborn mice. Canadian Institutes of Health Research – Equipment and Maintenance Program, \$122,109 total, \$81,984 per annum Equipment, \$8,025 per annum Operating, 2005 – 2010.

**Adamson SL** (Principal Investigator); **Bocking AD, Caniggia I, Casper RF, Challis JR, Jurisicova A, Kingdom JC, Langille BL, Lye SJ, Rossant J** (Co-Investigators). CIHR Group in Development and Fetal Health. Canadian Institutes of Health Research Group Grant, \$1,876,250 total, \$375,250 per annum, October 2005 – September 2010.

**Adamson SL** (Principal Investigator), **Foster RS** (Co-Investigator). Cardiovascular phenotyping in embryonic and newborn mice. Canadian Institutes of Health Research, Operating Program, \$719,350 total, \$170,668 per annum + \$36,678 Equipment, 2004 – 2008.

**Adamson SL** (Principal Investigator), **Rossant J** (Co-Principal Investigator); **Osborne L, Bruneau BG** (Co-Applicants). Generation and physiological analysis of genome-wide mutations in mice. Canadian Institutes of Health Research – Operating Program, \$1,293,687 total, \$250,909 per annum + \$39,142 Equipment, 2004 – 2009.

**Alarab M, Drutz HP** (Principal Investigators), **Lovatsis D, Shynlova O, Lye S.** (Co-Investigators). Different patterns of gene expression in pelvic tissue of women with and without pelvic organ prolapse. Sponsor: Finance Committee of Department of Obstetrics and Gynaecology, Mount Sinai Hospital, \$11,830, 2006 – 2007.

**Alarab M, Drutz HP.** (Principal Investigators), **Pascali D, Maslow K.** (Co-Investigators) Prospective, randomized, double-blind placebo-controlled trial of the safety and efficacy of continuous low-dose, estradiol releasing vaginal ring in patients with pelvic organ prolapse using pessaries. Sponsor: Paladin, \$20,000, 2005 – 2007.

**Angle P** (Principal Investigator), **Halpern SH, Kronberg J, Kiss A, Gawel M.** Randomized controlled trial examining the effect of small versus large Tuohy-type epidural needles on the incidence and severity of postdural puncture headache. Canadian Anesthesiologists' Society, \$40,000, July 1, 2007 – June 30, 2008.

**Asztalos E, Murphy KE, Hannah ME, Ohlsson A, Kelly E, Saigal S, Matthews S, Amankwah A, Willan A, Gafni A.** (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, 2005 – 2012.

**Barrett J** (Principal Investigator); **Allen AC, Armson BA, Asztalos EV, Farrell SA, Gafni A, Hannah ME, Hutton EK, Joseph KS, Ohlsson A, Okun NB, Ross SJ, Willan AR** (Co-Investigators). The Twin Birth Study: A multicentre randomized controlled trial comparing planned Caesarean section with planned vaginal birth for twins at 32-38 weeks' gestation. Canadian Institutes of Health Research Grant Award (Randomized Controlled Trials), \$8,608,045 total, \$956,449 per annum, 2003 – 2011.

Belik J, (Principal Investigator) **Letarte, M.** (Co-Investigator). eNOS uncoupling and role of bone morphogenetic protein-9 in the regulation of pulmonary vascular tone during development and following pulmonary hypertension. Heart & Stroke Foundation. \$173,812 total, \$86,906 per annum, Operating Grant, 2007 – 2009.

**Belsham DD** (Principal Investigator). Canada Research Chair Award in Neuroendocrinology, Tier 2, \$500,000 total, \$100,000 per annum, July 2004 – June 2009.

**Belsham DD.** (Principal Investigator). Circadian regulation of neuropeptides from the hypothalamus. Natural Sciences and Engineering Research Council, Operating Grant Renewal, \$42,000 per annum, April 2007 – March 2012.

**Belsham DD.** (Principal Investigator). Immortalization and characterization of neurons from rat hypothalamus. Pfizer Global Research and Development, Research Contract, \$156,020 per annum, December 2006 – December 2007.

**Belsham DD.** (Principal Investigator). Insulin signaling and synthesis in the brain. Canadian Diabetes Association, Operating Grant, \$75,000 per annum, June 2006 – May 2008.

**Belsham DD** (Principal Investigator). Molecular mechanisms dictating control of neuroendocrine function by estrogen. Canadian Institutes of Health Research, Operating Grant, Renewal, \$134,390 per annum, April 2004 -- March 2009.

**Belsham DD.** (Principal Investigator). Sensing of peripheral nutrient status by the hypothalamus. Canadian Institutes of Health Research, Operating Grant, \$96,288 per annum, April 2005 – March 2008.

**Belsham DD.** (Principal Investigator). Sensing of peripheral nutrient status by the hypothalamus. Canadian Institutes of Health Research, Renewal, \$158,154 per annum, April 2008 – March 2013.

**Berger H** (Co-Principal Investigator). Developmental outcomes of adolescents exposed in utero to corticosteroids - follow up of a randomized controlled study. SickKids Foundation, \$151,800, May 2008.

**Berger H** (Principal Investigator), **Windrim R**, Young B, Dalfen A, Macleod A. Is postpartum anemia an independent risk factor for postpartum depression? Canadian Foundation for Women's Health, \$19,800, 2006 – 2008.

**Berger H** (Principal Investigator), **Windrim R**, Young B, Dalfen A, Macleod A. Is postpartum anemia an independent risk factor for postpartum depression? Canadian Foundation for Women's Health, Renewal \$19,800, 2008 – 2009.

Bierman AS (Principal Investigator), Abramson B, Angus J, Anderson G, Bayoumi A, Booth G, Dunn J, Dunn S, Dusek J, Ferris L, Glazier R, Hawker G, Jaakkimainen L, Khanlou N, Krzyzanowski M, Lin E, McDonald L, Manuel D, Moineddin R, Rabineck L, Rhodes A, Rochon P, **Stewart DE**, Stukel T (Co-Applicants). Ontario Women's Health Report Card: Improving health and promoting equity for the women of Ontario AKA Project for an Ontario Women's Health Evidence-Based Report Card (POWER). Ontario Ministry of Health and Long Term Care. \$4,289,300, March 2006 – February 2009.

**Bocking AD**, (Principal Investigator); **Challis JR**, Reid G (Co-Investigators). Role of lactobacilli in maternal and perinatal health. Canadian Institutes of Health Research, \$96,070 per annum, 2007 – 2012.

Brown AD (Principal Investigator), Abramson B, Bierman A, Davis D, Laporte A, Levinton C, Maclean H, Mahomed N, **Stewart DE**, Wilson C (Co-Applicants). Measuring and understanding gender equity in access to care. Canadian Institutes of Health Research, \$103,254, March 2006 – March 2009.

**Brown TJ** (Principal Investigator). Identification and functional analysis of nuclear receptor coactivator 4 isoforms expressed during mouse development. Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant, \$36,500 per annum, 2005 – 2010.

**Brown TJ** (Principal Investigator), Jurisica I, **Letarte MVT**, **Shaw PA**, **Murphy KJ**, **Rosen B** (Co-Investigators). Functional characterization of androgen-altered genes with a putative role during early events in ovarian carcinogenesis. Canadian Institutes of Health Research, Operating Grant, \$394,000 total, \$98,500 per annum, 2005 – 2009.

Bruneau B (Principal Investigator), **Chitayat D**. Genetic basis of cardiac development and malformation. Canadian Institutes of Health Research, \$496,312, 2005 -- 2010.

**Caccia N**. Development of a Web-based course covering the basics of common problems in the delivery of sub-specialty care in Paediatric & Adolescent Gynaecology for Obstetrics & Gynaecology Post-Graduate Trainees at the University of Toronto. University of Toronto Information Technology Courseware Development Fund, \$5000, 2008.

Campbell MK (Principal Investigator), **Bocking AD** (Co-Investigator). Maternal and infant health, health services needs and utilization following term and preterm birth; Outcomes in cohort assembled antenatally. Canadian Institutes of Health Research Operating Grant, \$100,275 per annum, 2005 – 2009.

**Caniggia I** (Co-Applicant). Developing interventions to improve fertility rates and mother and neonatal survival. Canadian Foundation for Innovation/ Ontario Research Fund (CFI/ ORF), Provincial funding: \$390,545 + equal match from CFI, 2008.

**Caniggia I** (Principal Investigator). Diagnostic markers for preeclampsia. BioDiscovery Toronto, \$50,000, 2007.

**Caniggia I** (Co- Investigator). Identification of candidate pathways in intrauterine growth restriction: Important first step towards disease etiology. Physicians' Services Incorporated Foundation Grant: \$ 20,000, 2008.

**Caniggia I** (Principal Investigator). The role of oxygen in regulating placental development. Canadian Institutes of Health Research Operating Grant, \$787,490 total, \$156,000 per annum; 2008 – 2013.

**Caniggia I**. Towards understanding the pathogenesis of preeclampsia. Canadian Institutes of Health Research Ontario Women's Health Council/The Institute of Gender and Health (IGH) Mid-Career Award, \$80,000 per annum, 2005 -- 2010.

**Caniggia I** (Principal Investigator), **Juriscova A** (Co-Investigator). Role of Bcl-2 family members in regulating placental cell fate. Canadian Institutes of Health Research Operating Grant, \$ 757,050 total, \$150,000 per annum, 2008 – 2013.

**Casper RF** (Principal Applicant). Optical filters for prevention of circadian rhythm disruption in shift workers. Ontario Centres of Excellence MR grant, \$127,500, 2008.

**Casper RF** (Principal Investigator). **Brown TJ**, Shapiro C. Prevention of circadian rhythm disruption by nocturnal lighting. CIHR, Operating Grant, \$211,360 per annum, 2008 -- 2011.

**Casper RF, Juriscova A** (Principal Applicants), Perez GI. (Co-Applicant). Enhancing early embryo development in assisted reproduction. Canadian Institutes of Health Research Operating Grant – MOP 14058, \$121,240 per annum, April 2005 – March 2010.

**Casper RF, Rogers I.** (Principal Applicants). Umbilical cord blood stem cells for tissue therapeutics. Inception Biosciences Inc., \$315,000 per annum, 2003 – present.

**Challis JRG** (Principal Investigator), Bloomfield F, Gluckman P, **Matthews S**, Newnham J. Control of parturition. Canadian Institutes of Health Research (CIHR) Group in Fetal and Neonatal Health and Development, Operating Grant (Renewal), \$1,138,000 total, \$227,600 per annum, \$113,800 first and last year, 2004 – 2010.

**Challis JRG, Lye SJ** (Co-Principal Investigators). Paracrine controls of human labour. Canadian Institutes of Health Research, \$792,120; \$158,424 per annum; Operating grant, October 2005 – September 2010.

**Challis JRG** (Principal Investigator), **Lye SJ**, MacCalman CD, Rurak DW, Gibb W. Regulation of prostaglandin synthesis, metabolism and action in pregnancy and parturition. Canadian Institutes of Health Research, Operating Grant, \$792,450; \$158,490 per annum, October 2004 – September 2009.

**Challis JRG** (Principal Investigator), **Matthews SG**. Control of parturition. Canadian Institutes of Health Research, Operating Grant, \$1,050,000 total, \$210,000 per annum, 2004 – 2009.

Classens C (Principal Investigator), Co-Principal Investigators: **Ferguson SE**, Urowitz S, Wiljer D. Development of an internet-based support group for sexual problems due to gynecologic cancer. National Cancer Institute of Canada (NCIC), \$35,000, May 1, 2008 – April 30, 2010.

**Covens A** (Principal Investigator). A randomized, double-blind, placebo controlled, phase 2 trial of Paclitaxel in combination with AMG 386 in subjects with advanced recurrent epithelial ovarian or primary peritoneal cancer. Amgen, \$100,000, April 2008 – September 2008.

**Covens A** (Principal Investigator). Phase III double-blinded placebo-controlled study of Kepivance (KGF) to reduce the severity and duration of vulvar mucositis and moist desquamation in patients undergoing vulvar chemo-radiation for carcinoma of the vulva. Gynecologic Oncology Group/NCI (CTEP), \$US 500,000, 2006 – 2009.

Dennis CL (Principal Investigator), **Stewart DE** (Co-Applicant). An RCT to Evaluate the Effectiveness of Peer Support for PPD. Canadian Institutes of Health Research, \$1,005,526, January 2004 – January 2008.



**Derzko CM** (Principal Investigator). A Phase III, randomized, double-blind, placebo-controlled, multi-center study of the safety and efficacy of LibiGel for the treatment of Hypoactive Sexual Desire Disorder in surgically menopausal women. BioSante Protocol No TESTW008, Total Operating Budget: \$87,074, Total cost per completed subject: \$6,715, 2008 – ongoing.

**Derzko CM** (Principal Investigator). Efficacy and safety of two low-dose regimens of conjugated estrogen cream administered vaginally in postmenopausal women with atrophic vaginitis. Wyeth Protocol 0713S5-413-NA, Total operating budget \$58,475, \$4,657.50 per completed subject, 2005 – 2007.

**Derzko CM** (Principal Investigator). The effect of dose titration and dose tapering on the tolerability of DVS SR in women with vasomotor symptoms associated with menopause. Wyeth Protocol 3151A2-405-NA, Total operating budget: \$91,890, Total cost per completed subject: \$5,102.50, 2006 – 2008.

**Derzko CM** (Principal Investigator), Josse R (Co-Applicant). A double-blind, randomized, placebo-controlled study assessing the safety and efficacy of DVS SR for the treatment of vasomotor symptoms associated with menopause. Wyeth, \$162,950 total, 2008 – ongoing.

**Dodd J, Bocking A, Windrim R, Whittle W.** Progesterone after previous preterm birth for prevention of neonatal respiratory distress syndrome (PROGRESS). National Health and Medical Research Council of Australia, \$1,100,000, 2006 – 2008.

**Drutz HP** (Principal Investigator). A 12 month double-blind, randomized placebo-controlled multi-centered trial to investigate the efficacy and safety of Vagifem low dose (10ug) 17 Beta estradiol vaginal table) for the treatment of postmenopausal atrophic vaginitis symptoms. Protocol Nu: Vag – 2195. Novo Nordisk, Grant, \$13,928, 2007 – 2008.

**Drutz HP** (Principal Investigator). A randomized double-blind study to assess the safety and efficacy of Solifenacin (Vesicare®) in comparison to Oxybutynin for overactive bladder patients. Protocol Nu: VES-001 VECTOR. Astellas Pharma Canada. Grant: \$15,130, 2007 – 2008.

**Drutz HP** (Principal Investigator). An open, non-comparative, post marketing, multi-center study to evaluate efficacy and Safety of Solesta™ for the treatment of fecal incontinence. Protocol: Q-Med AB: Protocol 33DA0605. Sponsor: Q-Med AB Grant: Initial \$20,000, 2007 – 2009.

**Drutz HP** (Principal Investigator). Randomized, evaluator-blinded, multi-center study comparing the efficacy and safety of Zuidex™ with Contigen® in female patients with stress urinary incontinence. Protocol: No. 33DS0201 Zuidex. Q-Med, AB Grant, \$211, 419, 2004 – 2007.

**Dupre J** (Principal Investigator), **Dosch H-M**, **Lawson ML**, **Orbine E**, **Fraser WD**, **Sermer M** (Principal Investigator, Toronto Site). Trial to reduce Insulin Dependent Diabetes Mellitus (IDDM) in the genetically at risk (TRIGR). National Institutes of Health, Canadian Institutes of Health Research, \$426,000 per annum, 2002 – 2012.

**Ferguson SE** (Principal Investigator), Co-Principal Investigators: **Urowitz S**, **Classens C**. Development and validation of the modified sexual adjustment and body image scale in women with a diagnosis of gynecologic cancer (SABIS-G). Research Award through Department of Obstetrics and Gynecology, University of Toronto, \$5000, 2008.



Fleshner N (Principal Investigator), **Brown TJ**, Done S, Jurisica I, Lockwood G, Sweet J. Identification and characterization of alterations at the stroma-epithelial interface in prostate cancer. Ontario Cancer Research Network (OCRN), Operating Grant, \$544,312, 2007 – 2010.

Friedman JM (Principal Investigator), **Chitayat D**. Canadian Molecular Cytogenetics Platform. Canadian Foundation for Innovation, \$4,512,925, 2005 – 2010.

Friedman JM (Principal Investigator), **Chitayat D**. Identifying human mutations that cause mental retardation. Canadian Institutes of Health Research, \$2,498,538, 2005 – 2010.

Gagnon AJ (Principal Investigator), Dennis C, Oxman-Martinez J, **Stewart DE**, Dougherty G, Saucier J, Wahoush E, George M, Stanger E (Co-Principal Investigators). The childbearing health and related service needs of newcomers (CHARSNN). Canadian Institutes of Health Research, \$2,539,005, March 2004 – March 2008.

Gagnon AJ (Principal Investigator), Heaman MI, Small RE, **Stewart DE**, Zencovich ME (Co-Applicants). International comparisons of the perinatal health and care of migrant women. Canadian Institutes of Health Research, \$100,000, March 2006 – March 2008.

Grace SL, **Stewart DE** (Co-Principal Investigators), Scholey P, Holder G, Kaur R, Rukholm E, Alter D, Rush J, Anand S, Williamson K, Harvey P, Oh P, Bunker S (Co-Applicants). Cardiovascular secondary prevention for vulnerable populations: An interdisciplinary approach to improving access to services and outcomes. Reducing health disparities and promoting equity for vulnerable populations. Canadian Institutes of Health Research and Heart and Stroke Foundation of Canada, Interdisciplinary capacity enhancement grants CIHR IGH, ICRH and HSFC, \$704,792, April 2006 – March 2011.

Grace SL (Principal Investigator), Co-applicants: Suskin N, Arthur HM, Prior P, Reid R, **Stewart DE**. Comparing paper versus electronic transmission of cardiac rehabilitation summaries to primary care physicians: A multi-site multi-method study of information flow and content (the CR2DoC study). Canadian Institutes of Health Research, MOP-74431, \$324,697, April 2008 – March 2011.

Grace SL, **Stewart DE**, Suskin N, Alter, DA, Higginson L (Co-Principal Investigators). Contribution of patient and physician factors to cardiac rehabilitation referral and participation: A prospective, multi-level study. Canadian Institutes of Health Research, \$220,840, April 2005 – May 2008.

Grynpas MG (Principal Investigator); **Adamson SL**, Bazett-Jones DP, Brumell JH, Grinstein S, Keeley FW, McKerlie C, Quaggin SE, Tenenbaum HC, Zhen M (Co-Investigators). Maintenance of the Advanced Bioimaging Centre. Canadian Institutes of Health Research, Maintenance Grant, \$563,180 total (\$112,636 per annum), 2006 – 2011.

Gucciardi E (Principal Investigator), DeMelo M, Medeiros L, Tarasuk V, **Stewart DE** (Co-Applicants). Food insecurity in Canadians with diabetes mellitus. Canadian Diabetes Association, \$20,000, July 2007 – July 2008.

Han VKM (Principal Investigator), **Adamson SL**, Avison WR, Cambell MK, Gagnon R, Hill DJ, Lee T-Y, Mann M, Richardson BS, Speechley KN, Thompson RT, Yang K (Co-Investigators). Fetal growth restriction: Mechanisms and outcomes. Canadian Institutes of Health Research, Healthy Pregnancy for Great Life Beginnings Program, \$1,675,006 total (\$322, 271 per annum + \$63,650 Equipment), 2005 – 2010.

Hodgson D (Principal Investigator), **Greenblatt EM**, Catton P, Sridhar S, Azad A (Co-Investigators), McArdle O. Fertility in young breast cancer survivors – a novel assessment of ovarian reserve. Canadian Breast Cancer Foundation, \$330,391, March 2008 – March 2011.

Hutton E (Principal Investigator), Willan A, **Hannah ME**, Gafni A, **Ohlsson A**, **Barrett J**, **Ross S**, **Windrim R**, Delisle MF, Carson G, **Dunn M**, Pollard J, Natale R (Co-investigators). Early External Cephalic Version-2 Trial. Canadian Institutes of Health Research, \$2,853,717, 2003 – 2008.

Hutton E (Principal Investigator), Willan A, **Hannah M**, Gafni A, **Ohlsson A**, **Barrett J**, **Ross S**, **Windrim R**, Delisle M-F, Carson GD, **Dunn M**, Pollard JK, Natale R, Sylvestre G. External cephalic version-2 trials. Canadian Institutes of Health Research, \$ 169,822, 2008 – 2009.

Johnson N, **Windrim R**, **Whittle WL**. Role of amniocentesis for patient selection prior to rescue cerclage. Mount Sinai Hospital, Department of Obstetrics and Gynaecology Research Fund, \$4,610, 2007 – 2008.

Josse R (Principal Investigator), **Derzko CM**, Jamal S, Kraw M, Rubin L (Co-Investigators). A randomized, double-blind study to compare the efficacy of treatment with denosumab versus alendronate sodium in postmenopausal women with low bone mineral density. Amgen Protocol #20050141, 8,028 per patient, 2006 – 2008.

Josse R (Principal Investigator), **Derzko CM**, Jamal S, Kraw M, Rubin L (Co-Investigators). A multi-center, randomized, open-label study to assess the immunogenicity and safety of denosumab in pre-filled syringe compared to vial in subjects with low bone mineral density. Amgen Protocol #20060237, Total operating budget: \$2,528 per patient, 2007 – 2009.

Josse R (Principal Investigator), **Derzko CM**, Rubin L (Co-Investigators). The efficacy and safety of 2g strontium ranelate in the treatment of male osteoporosis: A prospective multicentre, international, double-blind, placebo-controlled study with a treatment duration of 2 years and the main study analysis after 1 year. Servier Protocol CL3-12911-032 Total operating budget: \$6,995 per patient, 2007 – 2011.

Josse R (Principal Investigator), **Derzko C**, Murray TM, Rubin L (Co-Investigators). Fracture incidence reduction and safety of TSE-424 (bazedoxifene acetate) compared to placebo and raloxifene in osteoporotic postmenopausal women. Wyeth Protocol 3068A1-301-CA. \$17,000 per patient, 2002 – ongoing.

Josse R (Principal Investigator), **Derzko CM**, Rubin L (Co-Investigators). 52 week randomized double-blind, multicenter, mechanistic study with a 24 week open label follow-up to evaluate the effect of AVANDIA on bone in postmenopausal women with type 2 diabetes mellitus. GlaxoSmithKline Protocol ZM2007/00146/00, 2008 – 2010.

**Juriscova A.** Importance of harakiri in regulation of oocyte and embryo survival. Canadian Institutes of Health Research, New Investigator Salary Support \$50,000 per annum, 2003 – 2008.

**Juriscova A.** (Principal Investigator), **Adamson SL**, Hakem R (Collaborators). Investigation of placental insufficiencies caused by Caspase 8 deficiency. Sick Kids Foundation/Canadian Institutes of Health Research, New Investigator Grant, \$65,000 per annum, 2005 – 2008.

**Juriscova A** (Principal Applicant), **Greenblatt E**, Jurisica I (Co-Applicants). Maternal lethal effect and human infertility. Canadian Institutes of Health Research, Operating grant, MOP-8432, \$132,750 per annum, 2007 – 2010.

Kim PCW, **Ryan G**, **Chitayat D**, **Windrim R**. Fetal Alert Network: Community-based Maternal Fetal Health Care Network, Ministry of Health and Long Term Care, \$3,877,500, 2005 – 2008.

Kim PW, **Ryan G** (Project Co-leaders). The Fetal Alert Network. Ministry of Health and Long Term Care, One-time operating funds, \$1,000,000, 2007-2008.

Kim PW, **Ryan G** (Project Co-leaders). Center for Computer-Assisted Intervention and Innovation (CCAII). Ontario Research Fund (partnership: SickKids (1/3), industry partners (1/3), provincial government (1/3)), \$3,300,000, 2008 – 2012.

**Kives S.** Randomized controlled trial of continuous oral contraceptives vs. cyclical oral contraceptives in adolescents. Physicians' Services Incorporated Foundation, \$75,000.

**Kingdom JCP** (Principal Investigator). Villous trophoblast turnover. Canadian Institutes of Health Research Award, \$532,888, 2006-2010.

**Kingdom J**, Czikk M (Co-Principal Investigators). Identification of candidate pathways in intrauterine growth restriction: Important first step towards disease etiology. Physicians Services Incorporated Foundation, Resident Research Grant, \$19,560, 2008 – 2009.

**Kingdom J**, Jain V (Co-Principal Investigators) Induction and characterization of IUGR by sub-lethal injections of Gcm-1 siRNA into the embryonic exocoelomic cavity in mice. Physicians' Services Incorporated Foundation, Resident Research Grant, \$19,500, January – December 2007.

**Kingdom J (Principal Investigator)**, McLeod K, **Windrim R** (Co-investigators). Randomised trial of heparin in women with severe placental dysfunction. Physicians' Services Incorporated Foundation, \$80,000, 2007.

**Kingdom J**, Sled JG (Co-Investigators) Three dimensional quantification of the placental vascular tree: Relationship with normal and abnormal fetal growth and hemodynamics. Heart and Stroke Foundation of Canada, \$132,171, 2006 – 2008; Renewal \$153,042, 2008 – 2010.

**Kingdom J**, Roggensack A (Co-Principal Investigators). Gene expression in fetal microvascular endothelial cells in fetal growth restriction study. Physicians' Services Incorporated Foundation, Resident Research Grant, \$19,500, January – December 2007.

**Lambe EK.** Cellular and molecular mechanisms underlying development and plasticity of prefrontal attention circuitry. Canadian Institutes of Health Research, \$718,025 total; \$143,605 per annum, 2008 – 2013.

**Lambe EK.** Signal transduction and adult cortical network activity. National Science And Engineering Research Council (NSERC) Discovery Grant (Operating), \$178,125 total ; \$35,625 per annum, 2007 – 2012.

**Langille BL.** Arterial responses to hemodynamic stresses. Heart and Stroke Foundation of Ontario (T 4083), \$112,007 per annum, 2002-07; \$91,308 per annum, 2007-10; 2002 – 2010.

**Langille BL.** Cadherins and regulation of smooth muscle cell function. Heart and Stroke Foundation of Ontario (NA 5332), \$74,196.00 per annum 2004-07; \$125,957 per annum 2007-12; 2004 – 2012.

**Langille BL, Gottlieb A.** Influence of hemodynamics on arterial endothelium. CIHR (MT 15044), \$105,452, 2007 – 2012.

Lee SK (Principal Investigator), Aziz K, Baker GR, Barrington K, Clarke MCW, Cronin CM, **Dunn MS**, James A, Langley J, Lee DS, Lefebvre F, Merchant P, **Ohlsson A**, Orrbine E, Peliowski A, Sankaran K, Seshia M, Shaw NT, Synnes AR, Tan-Dy CR, Walker CR, Whyte RK. National health partnership for reducing infections in NICU. Canadian Institutes of Health Research, \$ 99,999.00, 2005 – 2008.

Lee KS (Principal Investigator), Baker GR, Langley JM, MacNab YC, Moehr JR, **Ohlsson A**, Stevens B, Magee L, Sauve R, Keller P, Michalos A, Klassen A et al. Quality of care ICE (QC-ICE) team in neonatal-perinatal care. \$935,000, 2003 – 2007.

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.

**Letarte M** (Principal Investigator). Endoglin, ALK-1 and BMPRII networks: Role in vascular disorders. Canadian Institutes of Health Research. \$722,615 total, \$144,523 per annum, Operating Grant, 2005 – 2010.

**Letarte M** (Principal Investigator). Proteins differentially expressed in ovarian epithelium of BRCA1 carriers as potential biomarkers for ovarian cancer. Ovarian Cancer Canada, \$30,000, Operating Grant, 2008 – 2009.

**Letarte M** (Principal Investigator). The role of endoglin in the normal vasculature and in the pathology of Hereditary Hemorrhagic Telangiectasia. Heart & Stroke Foundation, \$370,767 total, \$92,671 per annum, Operating Grant, 2005 – 2009.

Levitan RD (Principal Investigator), **Matthews SG.** Sociobiological and genetic predictors of the stress response in chronic major depression. Operating Grant, \$200,000 total, \$100,000 per annum, 2007 – 2009.

**Leyland N** (Principal Investigator). Co-Investigators: Fortin C, Martyn P. A single arm multicentred study of the efficacy of hysteroscopic tubal occlusion by radiofrequency ablation. Sierra Surgical Technologies, 2008.

**Leyland N** (Principal Investigator), Singh S, Boroditsky R (Co-Investigators). Feasibility Study – Evaluation of the radiofrequency ablation of uterine myomas with intrauterine ultrasound guidance. GYNESONICS, \$500,000, 2008 – 2009.

Lilge L (Principal Investigator), **Derzko C** (Co-Applicant). Short term evaluations of breast tissue change in post-menopausal women using optical breast spectroscopy (OBS). Princess Margaret Hospital Foundation – Weekend Walkers Breast Cancer Innovation Fund, \$84,655 total, April 2008 – March 2010.

**Lye SJ** (Principal Investigator), **Adamson L**, Andrulis I, **Bernstein A**, Briollais L, Bull S, **Casper R**, Cordes S, Culotti J, Dennis J, Durocher D, Esplen, MJ, Fantus I, Gallinger S, Grynpas M, Hogue C, McLaughlin J, Pawson A, **Rossant J**, Zinman, B. The Samuel Lunenfeld Research Institute Training Program: Applying genomics to human health. Canadian Institutes of Health Research (Strategic Training Initiative), \$1,800,000 total, \$300,000 per annum, April 2002 – March 2008.

**Lye SJ** (Principal Investigator); **Adamson SL**, **Challis JRG**, Danska S, **Matthews S**, **Osborne L**, **Pennell C**, **Rossant J** (Co-Investigators). A murine model to investigate the mechanisms underlying DOHaD. Canadian Institutes of Health Research, Operating Grant (MOP 81238), \$373,674 total, \$124,558 per annum, October 2006 – September 2009.

**Lye SJ** (Principal Investigator), Beilin L, Briollais L, **Challis J**, Doherty D, **Matthews S**, Newnham J, Ozcelik H, Palmer L, **Pennell C**, Siminovitch K, Stanley F, van Eekelen J, Zubrick S. Gene environment interactions underlying the developmental origins of health and disease. Canadian Institutes of Health Research, \$408,828 total, \$136,276 per annum, April 2007 – March 2010.

**Lye SJ** (Principal Investigator), **Bocking AD**, **Pennell C** (Co-Investigators). The diagnosis of true pre-term labour. March of Dimes Birth Defects Foundation, US\$351,818, US\$117,272 per annum, March 2005 – February 2008.

**Lye SJ** (Principal Investigator), Dunk C, Keating S, Maxwell CL. Extra villous trophoblast mediated utero-placental vascular remodelling. Canadian Institutes of Health Research, \$642,810 total, \$128,562 per annum, April 2007 – March 2012.

**Lye SJ** (Principal Investigator), **Langille L**. Myometrial programming: A new concept underlying the control of myometrial contractility during pregnancy. Canadian Institutes of Health Research \$727,080 total, \$145,416 per annum, Operating grant, October 2005-September 2010.

Magee L, Liston R (Principal Investigators); Dadelszen P, Lee SK, Allen V, Ansermino JM, **Barrett J**, Piedboeuf B, Smith GN, Walker MC (Co-Principal Investigators), **Whittle W** (Site Coordinator). Birth under 29 weeks: Improving outcomes for mothers and babies. Canadian Institutes of Health Research, \$330,858, 2005 – 2009.

**Matthews SG**, Meaney M (Co-Directors). Maternal adversity, vulnerability & neurodevelopment. Canadian Institutes of Health Research, Program Grant, \$3,750,000 total, \$750,000 per annum, 2003 – 2009.

**Matthews SG** (Principal Investigator). Maternal stress in pregnancy programs endocrine function and behaviour in adult offspring. Operating Grant, Natural Sciences and Engineering Research Council of Canada (NSERC), \$237,500 total, \$47,500 per annum, 2006 – 2011.

**Matthews SG** (Principal Investigator). Multidrug resistance in pregnancy. Canadian Institutes of Health Research, Operating Grant, \$637,980 total, \$127,596 per annum, 2005 – 2010.

**Matthews SG (Principal Investigator)**. Multidrug resistance in the developing brain barrier: Fetal brain protection. Canadian Institutes of Health Research, Operating Grant, \$449,548 total, \$112,387 per annum, 2007 – 2011.

McCulloch C (Principal Investigator) , **Brown TJ**, Ringuette M. Bone sialoproteins in skeletal metastasis. CIHR, Operating Grant, \$430,822, 2008 – 2011.

McKerlie C (Principal Investigator); **Adamson SL**, Aubin JE, Hu J, Hui C-C, Nagy A, Post M, Rossant J, Stanford WL, Vidal SM (Co-Investigators). Canadian mouse mutant repository: A core resource for mouse models of human disease. Canadian Institutes of Health Research, Research Resource Grant Program, \$519,036 total, \$100,000 per annum + \$18,991 for equipment, 2006 – 2011.

Meaney M (Principal Investigator). **Matthews SG**. Genes, Environment & Health Training Grant. Canadian Institutes of Health Research, Training Grant. \$1,440,000 total, \$240,000 per annum, 2003 – 2009.

**Meffe F** (Principal Investigator), Campbell D, Houston P, Nevins A, Lynch B (Co-investigators). The development, implementation and evaluation of an interprofessional education curriculum in maternity care for undergraduate students in nursing, midwifery and medicine. Interprofessional Education in Maternity Care Pilot Project. Ministry of Health and Long Term Care, Interprofessional Care Fund, \$175,000, December 2007.

Meyer JH (Principal Investigator), Co-Applicants: Houle S, **Stewart DE**, Wilson AA. Neurochemical aspects of depression in women: Monoamine Oxidase A in the postpartum period. Canadian Institutes of Health Research. \$309,000, April 2007 – March 2010.

Miller D, **Covens A**. (Principal Investigators). A Phase II trial of Pemetrexed (Alimta) as salvage therapy for failed low risk gestational trophoblastic tumor. Gynecologic Oncology Group/National Cancer Institute (NCI)(CTEP), \$US 250,000, Operating grant, January 2006 – January 2008.

Morgan PJ, Tregunno D, **Pittini R**, Regehr G, Milne K, Zwarenstein M, Tarshis J. Determination of the psychometric properties of a behavioural marking system for obstetrical team training using high-fidelity simulation. Canadian Patient Safety Institute (CPSI), \$119,340, March 2007.

**Murphy KE** (Principal Investigator), **Hannah ME**, **Ohlsson A**, Kelly E, Saigal S, **Matthews S**, Amankwah A, Willan A, Gafni A. MACS Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study. Canadian Institutes of Health Research \$7,743,353, 2000 – 2010.

**Murphy KJ** (Principal Investigator), Bloom JA (Co-Investigator). Evaluation of the role of human papillomavirus and P-16 testing in cervical cancer screening. Giovanni and Concetta Guglietti Family Cancer Fund, Cervix, PMH Foundation, Cervical Cytology Grant, \$200,000, 2006 – 2010.



Nagy A, Piret J, Bhatia M, Eaves C (Project Leaders), Humphries K, Karsan A, van der Kooy D, Lansdorp P, **Lye S**, Marra M, Rancourt D, **Rossant J**, Zandstra P. Derivation and primary characterization of human ES cells using defined and xeno-free conditions. Networks of Centres of Excellence (NCE) \$289,803 total, \$96,601 per annum, Operating grant, September 2005 – August 2008.

Nam, RK (Principal Investigator), Bell D, Chin J, **Narod S**, Lkotch L, Izawa J, So A, Aprikian A, Trachtenberg J, Jewett M, **Toi A**. Cross-Canada assessment of a new nomogram prediction tool for prostate cancer screening. National Cancer Institute of Canada (NCIC). \$462,084 total (\$160,796: 2006 – 2007; \$150,644: 2007 – 2008; \$150,644: 2008 – 2009:), 2006 – 2009.

Nam RK (Principal Investigator), **Narod SA**, Trachtenberg J, Klotz L, Fleshner N, Jewett M, Sugar L, **Toi A**, Diamandis E. Prospective evaluation of prostate biopsies for prostate cancer detection. National Cancer Institute of Canada, \$410,070, 2004 – 2007.

**Nevo O** (Principal Investigator); **Bocking AD**, **Caniggia I** (Co-Investigators). Expressions of pro (VEGF, PlGF) and anti (sFlt-1) angiogenic factors in placentae of IUGR pregnancies. Physicians' Services Incorporated Foundation, \$19,500, October 2006 – October 2007.

Olson D (Principal Investigator), **Bocking AD**. Preterm birth and healthy outcomes. Alberta Heritage Foundation for Medical Research (AHFMR), \$1,000,000 per annum, 2008 – 2012.

**Oza A**, Hirte H, Biagi J, Hoskins P, Chu Q, Fleming G, **Covens A**, Morgan R, Lele S, Kwon J, McNamara M, Scudder S, Lenz H, Belani C. A Phase II study of VEGF-Trap in recurrent or metastatic gynecologic soft-tissue sarcomas. National Cancer Institute Cancer Evaluation Therapy Program (NCI (CTEP)), \$US 250,000, July 2007 – July 2008.

**Oza A**, Hirte H, **Covens A**, Welch S, Kaizer L, Swenerton K, Provencher D, Biagi J, Sturgeon J (Principal Investigators). A Phase 2 study of Oral MKC-1 administered twice daily for 14 consecutive days every 4 weeks in patients with recurrent or resistant epithelial ovarian cancer or advanced endometrial cancer. National Cancer Institute Cancer Evaluation Therapy Program (NCI (CTEP)) US\$250,000, 2007 – 2009.

**Oza A**, Townsley C, Hirte H, Carey M, Fung Kee Fung M, Hoskins P, **Covens A** (Principal Investigators). A phase 2 Study of sunitinib malate in recurrent or metastatic endometrial carcinoma. National Cancer Institute Cancer Evaluation Therapy Program (NCI (CTEP)) NCI (CTEP), US\$250,000, 2007 – 2008.

**Oza A**, Townsley C, Hirte H, Carey M, Fung Kee Fung M, Hoskins P, **Covens A** (Principal Investigators). A Phase 2 study of PXD101 in platinum-resistant epithelial ovarian tumors and micropapillary/borderline (LMP) ovarian tumors. National Cancer Institute Cancer Evaluation Therapy Program (NCI (CTEP)), \$US 250,000, July 2007 – July 2008.

Pedersen D, Lopez V, Sharma B, Piazza M, Chamindra Weerackody LP, Kirmayer LJ, Rousseau C, Young A, Guzder J, **Stewart DE** (Co-Investigators); Anckerman S, Flores MA, deVillagran M, Garcia HA, Chavez C, Jordans M, Kohrt B, Thapa S, Tol W, Castillo H, Cueva G, Mendoza M, Matos L, Calderon D, Rivera M, Fernando S, Amarasuriya H, Fernando S, Zarate CAJ (Co-Applicants). Political violence, natural disasters and mental health outcomes: Developing innovative health policies and interventions. International Development Research Centre. \$1,599,542, January 2007 – January 2011.

**Percy ME** (National Coordinator, Canada; Principal Investigator, Surrey Place Centre Site); Dalton AJ (Project Principal Investigator); Aisen PS, Sano MC (Study Directors). Multicenter vitamin E trial in aging persons with Down syndrome. National Institute on Aging, National Institute of Child Health and Human Development, and National Center of Complementary and Alternative Medicine (RO1-AGO16381), Clinical trial, \$9,000,000 (total), \$1,129,849 (per annum, overall, 2007), \$12,000 per annum, Surrey Place Centre site, 2000 – 2010.

Perumalla C (Primary Applicant), **Belsham DD** (Co-Applicant). Laboratory enrichment to enhance the educational experience of life sciences students. Academic Initiative Fund, \$700,000, May 2007 – May 2009.

**Ray JG**. New Investigator Award. Canadian Institutes of Health Research. \$250,000, 2005-2010.

**Ray JG**. InterPreg Study. Canadian Institutes of Health Research. Operating Grant, \$47,000 per annum, 2005 – 2010.

**Ray JG**, Wong DT, Goodman SG, Langer A, Leiter L. Atorvastatin Toronto Retinal Vein Occlusion (ATORVO) Study. Pfizer Canada, \$540,668, 2005 – 2008.

**Rogers I** (Principal Investigator). Treatment of type 1 Diabetes with stem cells derived from human umbilical cord blood cells. BioDiscovery Toronto, \$50,000, June 2007– May 2008.

**Rogers I, Casper RF** (Co-Principal Investigators). Multi-potential UCB cells. Inception Biosciences Inc., Grant, \$1,700,000, January 2004 – June 2008.

Romans SE (Principal Investigator), Benazon LR, Einstein G, Kreindler D, Laredo, SE, Morgan K, **Stewart DE**, Toner BB (Co-Applicants). Mood changes and daily life. Canadian Institutes of Health Research, \$395,000, February 2005 – February 2008.

**Rossant J** (Principal Investigator); **Adamson SL**, Aubin JE, Cordes SP, **Osborne LR**, Quaggin SE, Roder JC, Stanford WL, Vallis KA, Van Der Kooy DJ, Vidal SM. Centre for Modeling Human Disease. Canadian Institutes of Health Research Group Program, \$2,532,330 total, \$506,466 per annum + \$15,000 Equipment, 2004 – 2009.

Schmidt B (Principal Investigator), Roberts R, Barrington K, **Ohlsson A**, Solimano A, Davis P, Doyle L, Tin W. CAP follow-up at 5 years. Canadian Institutes of Health Research, \$1,744,740, 2004 – 2009.

**Sermer M** (Co-Principal Investigator). Hemodynamics and hormonal changes in pregnant women with heart disease: Understanding the effects of pregnancy on the diseased heart. Heart and Stroke Foundation of Canada, \$74,000 per annum, 2006 – 2008.

**Sermer M** (Co-Investigator). Longitudinal association of adipocytokines and markers of sub-clinical inflammation with changes in insulin resistance and beta-cell function in women with a history of gestational diabetes mellitus. Canadian Institutes of Health Research, \$148,969 per annum, 2007 – 2012.

**Sermer M** (Co-Principal Investigator). Neurodevelopmental outcome in offspring of women with heart disease. Heart and Stroke Foundation of Canada, \$123,080 per annum, 2006 – 2009.

**Sermer M** (Collaborator). Pregnancy and long term prognosis in women with congenital heart disease. Canadian Institutes of Health Research, \$420,000 per annum, 2006 – 2009.

**Sermer M** (Co-Investigator). The impact of dietary factors on the pathophysiology of gestational diabetes and subsequent type 2 diabetes. Canadian Diabetes Association, \$90,863 per annum, 2008 – 2011.

**Sermer M** (Collaborator). Thrombophilia in Pregnancy Prophylaxis Study. Heart and Stroke Foundation of Canada, \$24,000 per annum, 2006 – 2011.

**Shaw P, Jurisica I** (Principal Investigators); **Brown TJ, Letarte M**. Fallopian tube epithelial cells as a source of serous cancer in BRCA mutation carriers. Department of Defense U.S. Army Operating Grant, \$US 195,000 per annum, 2007-2010.

Shah P, Shah V, **Ohlsson A, Murphy KE**, McDonald S, Allen V, Hutton E, Newburn-Cook, C (Co-Investigators). Systematic reviews of determinants and effectiveness of primary preventive interventions for low birth weight, and preterm birth. Canadian Institutes for Health Research, \$100,000, 2008 – 2009.

Shah P (Principal Investigator), Co-Investigators: **Ohlsson A**, Shah V, **Murphy K**, Hutton E, Beyene J, Frick C, Co-Applicants: Allen V, McDonald S, Newburn-Cook C, Scott F. Systematic reviews of determinants and effectiveness of primary preventive interventions for low birth weight, and preterm birth. Canadian Institutes of Health Research, \$ 100,000, 2007 – 2008.

**Shaw, P.** (Principal Investigator) **Letarte, M.** (Co-Investigator). Characterization of hereditary serous cancer precursors in fallopian tube epithelium. United States Army, \$350,000 total, \$116,666 per annum, Operating Grant, 2006 – 2009.

**Shier RM** (Principal Investigator). A multicenter, prospective study of candidate prophylactic HPV -16/18 VLP Vaccine formulated with SBAS4. Experimental vaccine number MEDI-517. A phase IIB trial. Glaxo SmithKline Beecham, \$324,000, November 2000 – present.

**Sierra S** (Principal Investigator). Genomic profiling of endometrial biopsies in recurrent implantation failure and recurrent pregnancy loss: An application of micro array technology. Physicians' Services Incorporated Foundation, \$38,500, 2007 – 2009.

**Sierra S** (Principal Investigator). Molecular array of the endometrium in women with recurrent early pregnancy loss and in women with recurrent implantation failure. Physicians' Services Incorporated Foundation, \$36,500, 2008 – 2010.

Siu KM (Principal Investigator), **Colgan T**. Discovery, identification, and verification of novel biomarkers in head and neck cancer. Canadian Institutes of Health Research (CIHR). Grant, \$126,764 per annum, 2008 – 2010.

Siu KM (Principal Investigator), Romaschin A, **Colgan T**. Biomarker discovery, identification and verification using tissue proteomics in an endometrial cancer model. National Cancer Institute of Canada, CCS Research Grant, \$750,000, \$149, 210 per annum, 2005 – 2010.

Sled JG (Principal Investigator); **Adamson SL, Langille BL, Kingdom J** (Co-Investigators). Three-dimensional quantification of the placenta vascular tree: Relationship with normal and abnormal fetal growth and hemodynamics. Heart and Stroke Foundation of Canada, Grant-in-Aid Program, \$132,171 total, \$65,283 first year, \$66,888 second year, 2006 – 2008.

**Stewart DE** (Principal Investigator), DesMeules M, Diaz-Granados N, McDermott S, Rondon M, Posada Villa J, Saavedra J. Assessing the feasibility to measure and compare gender-sensitive mental health indicators in Peru, Colombia and Canada. Canadian Institutes of Health Research, \$75,000, January 2006 – January 2008.

**Stewart DE**, Diaz-Granados N. Health indicator research. Public Health Agency of Canada, \$9,900, June 2006 – March 2008.

Sutandar M, **Paek W**. Survey of menstrual cycles: The incidence of menorrhagia and its impact in the workforce. The Canadian Foundation for Women's Health Award, \$2000, 2008.

Sword W (Principal Investigator), Watt SM, Krueger PD, Thabane L, **Farine D**, Kurtz-Landy CM (Co-Investigators). Postpartum health and service use: Does delivery method matter? Canadian Institutes of Health Research, \$620,545, \$124,109 per annum, 2005 – 2009.

Tremblay L, **Ternamian A** (Principal Investigators), Tyrwhitt J. Interdisciplinary collaborative robotic automated port application research. Department of Keniseology, the Division of Gynecologic Endoscopy and the Department of Research and Knowledge Management at St. Joseph's Health Centre. \$5000, 2007 – 2009.

Vohra S, Reilly MC, **Dunn M**, Vincer M, Wiebe N, Zayack D, Wimmer J. Multicentre randomized trial of HeLP (heat loss prevention) in the delivery room. Canadian Institutes for Health Research, \$640,465, 2004 – 2008.

Vranic M (Principal Investigator), **Matthews SG**. Physiological and molecular mechanisms of hypoglycemic counterregulation in diabetic rats. Canadian Diabetes Association, Operating Grant, \$142,500 total, \$67,500 (1<sup>st</sup> yr), \$75,000 (2<sup>nd</sup> yr), 2007 – 2009.

**Weksberg R, Chitayat D, Kingdom J, Keating A**. Investigation of intrauterine growth restriction by gene expression & DNA methylation profiling. CIHR, \$383,883, 2006 – 2011.

**Windrim R** (Principal Investigator) for the TIPPS Group. TIPPS utility of simulated model in the teaching of invasive fetal procedures. Mount Sinai Hospital Striving for Excellence Fund (\$10,000), Matching funds from University of Toronto Department of Obstetrics and Gynaecology (\$10,000), Matching funds from the Dean's Excellence Fund (\$20,000), \$40,000, 2002 – 2008.

**Wolfman, W** (Principal Investigator), Kroft, J. Effects of vaginal progesterone on vaginal atrophy, Department of Obstetrics and Gynaecology, Mount Sinai Hospital Research Fund, \$2,500, April 2008.

**Wolfman W**, Clemons M A comparative study of estring and vagifem in the treatment of urogenital atrophy in breast cancer. Canadian Breast Cancer Foundation, \$114,876, 2007 – 2009.

**Wong H**. Laparoscopic hysterectomy vs abdominal hysterectomy: A cost-based analysis, 2008.

**Wong H, Moody A.** A methodology study to investigate magnetic resonance direct thrombus imaging for assessment of lesion response to standard treatment in endometriosis. Pfizer, 2008.

**Yinon Y, Kingdom J** (Co-Principal Investigators) Understanding the mechanisms for increased cardiovascular risk in women with a history of severe pre-eclampsia: An assessment of postpartum endothelial function. Resident Research Grant, Physicians' Services Incorporated Foundation, \$20,000, 2008 – 2009.

**Yudin M** (Principal Investigator). Access to infertility services in Ontario for couples in which one or both partners is HIV-positive. AIDS Bureau, Ontario Ministry of Health and Long-Term Care, \$17,635, 2007 – 2008.

**Yudin M** (Collaborator). Mechanism of aging following exposure to HIV antiretroviral drugs. Canadian Institutes of Health Research (CIHR), \$485,586, Emerging Team Grant, 2007 – 2012.

**Yudin M** (Co-Investigator). Survey to assess the fertility desires and needs of Ontario HIV-positive women of reproductive age. Canadian Foundation for AIDS Research (CANFAR), \$79,550, September 2006 – September 2008.

**Yudin M** (Principal Investigator). The seroprevalence of hepatitis C and course of infection among pregnant women attending a Toronto inner city antenatal care clinic. The Physicians' Services Incorporated Foundation, \$87,500, September 2005 – September 2007.

**Zandstra P** (Principal Investigator), **Rogers I, Audet J** (Co-Investigators). Integrating analytical and computational proteomics to increase in vitro human blood stem cell output. The Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Development (CRD) program, \$360,000, January 2006 – December 2008.









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