ANNUAL REPORT
2010-2011
MISSION STATEMENT

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

- Achieving national and international recognition in research,

- Attaining pre-eminence in undergraduate and postgraduate education,

- Providing leadership in health care that is sensitive and responsive to the needs of both the consumer and the provider.

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

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Fax: 416 978 8350
Website: http://www.obgyn.utoronto.ca/
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CHAIR’S REPORT

Alan D. Bocking, Professor and Chair

Another year has past and, once again, I am incredibly impressed by the contributions that all of the faculty, staff and trainees make on a daily basis to our combined clinical care, education and research mission. The annual report is an opportunity to showcase our collective achievements over the last academic year.

Danny Kreichman, Alexandra Nevin Lam and Kirsten Smith have joined the active staff at North York General Hospital and Clarissa Bambao was appointed to the staff at St. Joseph’s Health Centre. Yaakov Bentov joined the Division of Reproductive Endocrinology and Infertility (REI), based at the Toronto Centre for Advanced Reproductive Technologies and Rebecca Arthur also joined the Division of REI and is based at Mount Sinai Hospital. This year we saw a marked increase in appointments of our community-based faculty, in recognition of their important participation in undergraduate medical education and postgraduate Ob/Gyn education, as well as the teaching of Family Medicine Residents.

I was particularly pleased to announce to the Department that Paul Bernstein was promoted to Full Professor on the basis of sustained excellence in teaching. Paul also received the Faculty of Medicine Postgraduate Teaching Excellence Award in the area of Teaching/Mentorship and Advocacy. This year Mark Yudin was promoted to Associate Professor and also received a prestigious Faculty of Medicine Award – the Sarita Verma Award for Advocacy and Mentorship in Postgraduate Medicine. My sincere congratulations go to both Paul and Mark for this outstanding recognition. Joan Murphy was awarded the President's Medal of the Society of Gynecologic Oncology of Canada for extraordinary contributions to the specialty, and Harold Drutz was recognized by his former Fellows at the combined meeting of the Joint Annual Meeting of the International Continence Society (ICS) and International Urogynecological Association (IUGA), held in Toronto in August of 2010. Dr. Drutz was Co-Chair of this important international meeting. Dr. John Kingdom was our Department’s APOG Carl Nimrod Educator of the Year Award winner, in recognition of his contributions in all levels of medical education, but particularly for his role as Director of the Royal College Fellowship in Maternal-Fetal Medicine for 10 years. Congratulations also go to the recipients of the Chair’s Awards, as well as the hospital-based Undergraduate Teaching Excellence Awards, which are presented on page 32.

In the research domain, John Kingdom was the President of the Perinatal Research Society and will preside over the 2011 scientific meeting in September, 2011 and Dr. Stephen Lye is the President-Elect of the Society for Gynecologic Investigation. These are both prestigious positions for which the incumbents are elected by their peers. Research Day was again a huge success with
a stimulating lecture on HPV and cervical cancer given by Dr. Philip Castle, of the American Society of Clinical Pathology (ASCP) Institute. There were a record number of attendees, with 243 registrants. This is an impressive level of support from within our Department for the excellence in research being conducted by our trainees. Congratulations to all those who presented and, in particular, to the recipients of the JW Knox Ritchie Research Awards, who are highlighted on page 110 of this report.

In closing, I would like to thank all our faculty at all our sites, as well as our staff, who work tirelessly on behalf of the Department. This truly is a great department and I hope you enjoy reading about our collective accomplishments.

Yours sincerely,

\[signature\]

Alan D. Bocking, MD, FRCSC
Gordon C. Leitch Professor and Chair
Department of Obstetrics and Gynaecology
FACULTY PROFESSIONAL DEVELOPMENT DAY
Workshops & Awards Presentation

Wednesday, October 13, 2010
11:45 am - 5:00 pm

The Vaughan Estate - Courtyard Ballroom, 2075 Bayview Avenue, Toronto

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:45 am - 12:45 pm</td>
<td>Buffet Luncheon</td>
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<tr>
<td>12:45 - 1:10 pm</td>
<td>Welcome and Awards Presentation</td>
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<tr>
<td></td>
<td>Dr. Alan Bocking</td>
</tr>
<tr>
<td>1:10 - 2:00 pm</td>
<td>Lecture: Expand and Multiply:</td>
</tr>
<tr>
<td></td>
<td>How are we going to integrate education</td>
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<tr>
<td></td>
<td>across teaching sites?</td>
</tr>
<tr>
<td></td>
<td>Dr. Sarita Verma</td>
</tr>
<tr>
<td>2:15 - 3:10 pm</td>
<td>A. New Promotions Guidelines</td>
</tr>
<tr>
<td></td>
<td>Drs Jennifer Blake &amp; Richard Pittini</td>
</tr>
<tr>
<td>2:15 - 3:10 pm</td>
<td>B. Lectures that Sizzle</td>
</tr>
<tr>
<td></td>
<td>Drs Adrian Brown &amp; Rick Penciner</td>
</tr>
<tr>
<td>Coffee and refreshments in</td>
<td>Breakout rooms</td>
</tr>
<tr>
<td>breakout rooms</td>
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</table>
### Workshops

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Content</th>
<th>Presenter(s)</th>
</tr>
</thead>
</table>
| 3:15 - 4:10 pm | Workshops (choose C or D)               | C. Using eMedicine and Technology in Practice  
Dr. Karen Glass |
| Coffee and refreshments in breakout rooms | D. Fostering and Mentoring Research with Trainees  
Dr. Ted Brown |
| 4:15 - 5:00 pm | **KEYNOTE SPEAKER:** Dr. Kaveh Shojania on Thinking About Medical Error and Patient Safety in Daily Practice |

**KEYNOTE SPEAKER:** Dr. Kaveh Shojania on Thinking About Medical Error and Patient Safety in Daily Practice
# FACULTY 2010-2011

## Primary Appointments

### Professors Emeriti
- Carole A. Cowell (Deceased)
- Denny De Petrillo
- Terence A. Doran
- Douglas J Gare
- Walter J Hannah
- Gordon M Lickrish
- Ron A Livingstone
- Ted (J.E.) Morgan
- Jerry Shime

### Associate Professors Emeriti
- Titus Owolabi

### Professors
- S. Lee Adamson
- Bhagu Bhavnani
- Jennifer Blake
- Alan D. Bocking - *Chair*
- Theodore J. Brown
- Isabella Caniggia
- Robert F. Casper
- Allan L Covens
- Harold Drutz
- Dan Farine
- Mary E Hannah
- John Kingdom
- Guylaine Lefebvre
- Stephen Lye
- J.W. Knox Ritchie
- Barry Rosen
- Greg Ryan
- P Gareth R Seaward
- Mathew Sermer
- R Michael Shier
- Rory Windrim

### Associate Professors
- Lisa Allen
- Jon Barrett
- Abraham Bernstein
- Paul Bernstein
- Christine Derzko
- Alan Gerulath
- James Goodwin
- Ellen Greenblatt
- Andrea Jurisicova
- Rose Kung
- Nicholas Leyland
- Clifford L Librach
- Kay Lie
- Paul McCleary
- Filomena Meffe
- K Joan Murphy
- Kellie E Murphy
- Nanette Okun
- Richard Pittini
- Heather Shapiro
- Artin Ternamian
- Wendy Wolfman

### Assistant Professors
- Hani Akoury
- May Alarab
- Oluleke Badmos
- Marshall Barkin
- Samir Batarseh
- Yaakov Bentov
- Howard Berger
- Marcus Bernardini
- Janet Bodley
- Adrian Brown
- Nicolette Caccia
- Kenneth Cadesky
- Dennis K. Chu
- E Anne Claessens
- Howard Cohen
- Barbara Cruickshank
- Marjorie Dixon
- Jason Dodge
- Nancy Durand
- William Easton
- Frederic Engle
- Navid Esfandiari
- Michèle Farrugia
- Sarah Ferguson
- Tatiana Freire-Lizama
- Lilian Gien
- Karen Glass
- Mathias Gysler†
- Peter Hawrylyshyn
- Elaine Herer
FACULTY
Primary Appointments cont’d

Assistant Professors cont’d

Man Fan Ho  
Stephen Im  
Waldo Jimenez Fielder  
Johannes Keunen  
Sari Kives  
Murray Kroach  
Rachel Kupets  
Elyse Lackie  
Stephane Laframboise  
Evelyn Lambe  
Andrea Lausman  
Patricia Lee  
Elyse Levinsky  
Grace Liu  
Kimberly Liu  
Danny Lovatsis  
Elliott Lyons  
Katherine MacRury  
Man Fan Ho  
Stephen Im  
Waldo Jimenez Fielder  
Johannes Keunen  
Sari Kives  
Murray Kroach  
Rachel Kupets  
Elyse Lackie  
Stephane Laframboise  
Evelyn Lambe  
Andrea Lausman  
Patricia Lee  
Elyse Levinsky  
Grace Liu  
Kimberly Liu  
Danny Lovatsis  
Elliott Lyons  
Katherine MacRury

Adelmo Martoglio  
Cynthia Maxwell  
Colleen McDermott  
Mohamed Mitwally  
Eva Mocarski  
Sergey Moskovtsev  
Ori Nevo  
Robert Nicholson  
Melanie Ornstein  
L Ray Osborne  
Wusun Paek  
Nicholas Pairaudeau  
Mel Petersiel  
Kristy A. Prouse  
Ian Rogers  
David Rosenthal  
Jodi Shapiro  
Adelmo Martoglio  
Cynthia Maxwell  
Colleen McDermott  
Mohamed Mitwally  
Eva Mocarski  
Sergey Moskovtsev  
Ori Nevo  
Robert Nicholson  
Melanie Ornstein  
L Ray Osborne  
Wusun Paek  
Nicholas Pairaudeau  
Mel Petersiel  
Kristy A. Prouse  
Ian Rogers  
David Rosenthal  
Jodi Shapiro

Prati Sharma  
Rajiv Shah  
Sony Sierra  
Dana Soroka  
Rachel Spitzer  
Donna Steele  
Wilf Steinberg  
Michael Sved  
Karen Tessler  
Bruce W. Thomas  
Jackie Thomas  
Modupe Tunde-Byass  
Fay Weisberg  
Herb Wong  
Suzanne Wong  
Brenda Woods  
Mark Yudin  
Arthur Zaltz

Lecturers

George Arnold  
Rebecca Arthur  
Clarissa Bambo  
Ari Baratz  
Dalip Kumar Bhangu  
Veena Bonde  
Yoav Brill  
Melanie Caetano  
David Caloia  
Shannon Causey  
Paul Chang  
Mary Cheng  
Nicole Cherry  
Astrid Christoffersen-Deb  
Aleksandre Corbey  
Stacy Costa  
Catherine Ann Cowal  
Jennifer Cram  
Joseph Cramer  
Joe Daly  
Alfonso Del Valle Rebeil  
Anthony Di Pierdomenico  
Patria Doyle  
Marianne R. Duemler  
Eve Fried  
Maja Gans  
Dimitrios Giannoulias  
Gwendolyn Goodrow  
Beata Grygowska  
Shlomo Grynspan  
Paul Gurland  
Ronnie Hakim  
Helen Ho  
Dini Hui  
Sybil Judah  
Allan Kane  
Angela Kang  
Yolanda Kirkham  
Danny Kreichman  
Sabrina Lee  
Sylvie Leone-Tomaschoff  
Patrick M. Liao  
Terry Logaridis  
Joanne Ma  
Patria Doyle  
Marianne R. Duemler  
Eve Fried  
Maja Gans  
Dimitrios Giannoulias  
Gwendolyn Goodrow  
Beata Grygowska  
Shlomo Grynspan  
Paul Gurland  
Ronnie Hakim  
Helen Ho  
Dini Hui  
Sybil Judah  
Allan Kane  
Angela Kang  
Yolanda Kirkham  
Danny Kreichman  
Sabrina Lee  
Sylvie Leone-Tomaschoff  
Patrick M. Liao  
Terry Logaridis  
Joanne Ma

Roberta Mackenzie  
Tara MacLeod  
Haidar Mahmoud  
Mary Melchior  
Matthew Morton  
Kerry Myckan  
Alexandra Nevin Lam  
Esther Park  
Perry Phillips  
Elin Raymond  
Kimberly Rogers  
Nathan Roth  
Edward Ryan  
Abheha Satkunaratnam  
Peter W. Scheufler  
Amanda Selk  
Nicholas Shillette  
Paul Shuen  
Gita Singh  
John Robert Smith  
Kirsten Smith

Joanne Ma
FACULTY
Primary Appointments cont’d

Lecturers cont’d
Richard Stein†  
Linda Stirk  
Melissa Tai  
Scott Tigert†  
Nina Venkatarangam†  
Carol Wade†  
Sierra Washington†  
Wendy Whittle  
Georgina Wilcock†  
Jeremy C Wong  
Vincent Wu†

Adjunct Faculty
Craig Pennell  
Felice Petraglia  
Paul Thistle

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

## Cross Appointments

### University Professors Emeriti

- John Challis  - Physiology

### Professors Emeriti

- Jerald Bain  - Medicine
- Anne Kenshole  - Medicine
- Maire E Percy  - Physiology

### Professors

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Specialization</th>
</tr>
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<tbody>
<tr>
<td>Denise Belsham</td>
<td>Physiology</td>
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<tr>
<td>William Chapman</td>
<td>Laboratory Medicine &amp; Pathobiology</td>
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<tr>
<td>José Carvalho</td>
<td>Anaesthesia</td>
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<tr>
<td>David A Chitayat</td>
<td>Paediatrics</td>
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<td>Joe T. Clarke</td>
<td>Paediatrics</td>
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<tr>
<td>Terence Colgan</td>
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<td>Anthony W Fyles</td>
<td>Radiation Oncology</td>
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<tr>
<td>Stephen Halpern</td>
<td>Anaesthesia</td>
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<tr>
<td>Mahmoud Khalifa</td>
<td>Laboratory Medicine &amp; Pathobiology</td>
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<td>Shoo Lee</td>
<td>Paediatrics</td>
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<tr>
<td>Michelle Letarte</td>
<td>Immunology</td>
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<tr>
<td>Stephen Matthews</td>
<td>Physiology</td>
<td></td>
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<tr>
<td>Steven Narod</td>
<td>Public Health Sciences</td>
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<tr>
<td>Arne Ohlsson</td>
<td>Paediatrics</td>
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<tr>
<td>Amit Oza</td>
<td>Medical Oncology</td>
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<tr>
<td>Gail Robinson</td>
<td>Psychiatry</td>
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<tr>
<td>Janet Rossant</td>
<td>Medical Genetics</td>
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<td>Sam Siu</td>
<td>Medicine</td>
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<tr>
<td>Donna Stewart</td>
<td>Psychiatry</td>
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<td>Gillian Thomas</td>
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<tr>
<td>Rosanna</td>
<td>Paediatrics</td>
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<tr>
<td>Elizabeth Winsor</td>
<td>Laboratory Medicine &amp; Pathobiology</td>
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### Associate Professors

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ida Ackerman</td>
<td>Radiation Oncology</td>
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<tr>
<td>Lynn Allen</td>
<td>Laboratory Medicine &amp; Pathobiology</td>
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<tr>
<td>Elizabeth Asztalos</td>
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<td>Michael Dunn</td>
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<tr>
<td>Denice Feig</td>
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<tr>
<td>Katherine Fong</td>
<td>Medical Imaging</td>
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<tr>
<td>Stephen Holzapfel</td>
<td>Family &amp; Community Medicine</td>
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<tr>
<td>Sarah Keating</td>
<td>Laboratory</td>
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<td>Carl Laskin</td>
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<td>Phyllis Glanc</td>
<td>Medical Imaging</td>
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<td>Joel Ray</td>
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<td>Patricia Shaw</td>
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<tr>
<td>Andrew T. Shennan</td>
<td>Paediatrics</td>
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<td>Ants Toi</td>
<td>Medical Imaging</td>
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### Assistant Professors

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<thead>
<tr>
<th>Name</th>
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<tr>
<td>Tony Barozzino</td>
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<td>Karen Chong</td>
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<tr>
<td>Michael Sgro</td>
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<tr>
<td>Martin Skidmore</td>
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<td>Sandra Viero</td>
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<tr>
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<td>Medicine &amp; Pathobiology</td>
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</tbody>
</table>

### Adjunct Faculty

- Fern Small  - Psychiatry
Administrative Staff

**Business Manager**
Franca Conciatore

**Coordinator of Undergraduate Program**
Maria Wowk

**Coordinator of Postgraduate Program**
Mary Miceli/Caroline Sutherland

**Departmental Assistant**
Cherryl Bird
Residents

PGY 1
Emily Baker
Kimberly Bremer
Caroline Chan
Amanda Cipolla
Courtney Jolliffe
Genevieve Lennox
Brian Liu
Karli Mayo
Heather Millar
Stephen Morris
Muhseen Yusuf

Lamide Oyewumi
Lindsay Shirreff

PGY 2
Paulina Cybulska
Brian Ferguson
Helena Frecker
Louise-Helene Gagnon
Alice Han
Julia Kfouri
Kelsey Mills
Leslie Po
Priya Sharma
Laura Sovran
Evan Taerk

PGY 3
Stephanie Backman
Genevieve Bouchard-Fortier
Daniela Caprara
Melanie Campbell
Salikah Iqbal
Naana Jumah
Tharani Kandasamy*
Noushin Khoshbakht
Shannon Moore
Jing Qin

PGY 4
Beth Cruickshank
Karthika Devarajan
Claire Jones
Tharani Kandasamy*
Siobhan Mark
Dan Nayot
Susie Pakenham
Kalpana Sharma
Mara Sobel

PGY 5
Dora Chan*
Kelly Chu*
Marie Czikk*
Shannon Corbett
Usha Harikumar*
Matthew Laskin
Andrea Page*
Eliane Shore
Sarah Sinasac
Lyana Sisca
Marilyn Sutandar

*Split year
## Clinical Fellows

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DIRECTOR</th>
<th>FELLOW</th>
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<tbody>
<tr>
<td>Advanced Obstetrics</td>
<td>P. Gareth Seaward</td>
<td>Shirin Ravani, Sally Sabra</td>
</tr>
<tr>
<td>Advanced High-Risk Obstetrics</td>
<td>Howard Berger</td>
<td>Rinat Hackmon</td>
</tr>
<tr>
<td>- St Michael’s Hospital</td>
<td></td>
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<tr>
<td>Gynaecologic Oncology (RCPSC)</td>
<td>Allan Covens</td>
<td>Gennady Miroshnichenko, Luc von Lomkhuizen, Lua Eiriksson, Tomer Feigenberg</td>
</tr>
<tr>
<td>Maternal-Fetal Medicine</td>
<td>Cynthia Maxwell</td>
<td>Abdulmohsen Al-Anjari, David Baud, Amanda Henry, Erica Howse, Dini Hui, Noor Ladhani, Tsz Kin Lo, Ann Malinowski, Shay Porat, Susanne Schrey</td>
</tr>
<tr>
<td>Gynaecologic Reproductive Endocrinology And Infertility/RCPSC</td>
<td>Barbara Cruickshank</td>
<td>Beth Gunn, Kaajal Abrol, Kim Garbedian</td>
</tr>
<tr>
<td>Minimally Invasive Gynaecological Surgery</td>
<td>Artin Ternamian</td>
<td>Ambika Aneja</td>
</tr>
<tr>
<td>– St. Joseph’s Health Centre</td>
<td></td>
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<tr>
<td>Minimally Invasive Gynaecological Surgery</td>
<td>Guylaine Lefebvre</td>
<td>Fady Mansour, Edgar Boggs</td>
</tr>
<tr>
<td>– St. Michael’s Hospital</td>
<td></td>
<td>(as of Jan. 2011)</td>
</tr>
<tr>
<td>Minimally Invasive Gynaecological Surgery/AAGL*</td>
<td>Rose Kung</td>
<td>Stacey Grossman, Jamie Kroft</td>
</tr>
<tr>
<td>– Sunnybrook Health Sciences Centre</td>
<td></td>
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<tr>
<td>Paediatric and Adolescent Gynaecology</td>
<td>Lisa Allen</td>
<td>Tania Dumont</td>
</tr>
<tr>
<td>Hospital for Sick Children</td>
<td></td>
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</tr>
<tr>
<td>Reproductive Sciences</td>
<td>Robert Casper</td>
<td>Assaf Ben-Meir, Nayana Talukdar</td>
</tr>
</tbody>
</table>
Urogynaecology  
– Mount Sinai Hospital  
Harold Drutz/ Danny Lovatsis  
Phaedra Diamond  
Seham Hassonah  
Carolyn Best  
Rodrigo Pineda

Mature Women’s Health & Menopause  
– Mount Sinai Hospital  
Wendy Wolfman  
Maria Velasco

*American Association of Gynecologic Laparoscopists
DEPARTMENT COMMITTEES

Executive Committee & Appointments Committee
A.D. Bocking - Professor and Chair
Obstetrician and Gynaecologist-in-Chief,
Mount Sinai Hospital/University Health Network
J. Blake - Associate Chair
Obstetrician and Gynaecologist-in-Chief,
Sunnybrook Health Sciences Centre
S.J. Lye - Vice-Chair, Research and Chair, Research Committee
L. Allen - Head, Division of Paediatric and Adolescent Gynaecology
A. Brown - Community Affiliate Hospital Representative
T. J. Brown - Head, Division of Reproductive Sciences
D. Farine - Head, Division of Maternal-Fetal Medicine
G. Lefebvre - Obstetrician and Gynaecologist-in-Chief, St. Michael’s Hospital
F. Meffe - Chair, Undergraduate Education Committee
B. Rosen - Head, Division of Gynaecologic Oncology
M. Sermer - Associate Chief, Mount Sinai Hospital/University Health Network
H. Shapiro - Chair, Postgraduate Education Committee
J. Shime - Ex-officio Member, Interim Chief, Women’s College Hospital
F. Weisberg - Chair, Continuing Medical Education Committee

Undergraduate Committee
F. Meffe, Chair
J. Blake
A. Bocking
J. Bodley/Dini Hui
S. Kives
S. Lee/A. Pham
M. Sved/D. Lovatsis
M. Gans
S. Wong
D. Bhangu
S. Tigert
S. Sadry

Postgraduate Education Committee
H. Shapiro, Chair
J. Blake
A. Bocking
A. Cipolla (PGY1)
J. Dodge
S. Iqbal/S. Moore (PGY3)
S. Kives
R. Kung
M. Ornstein/ J. Cram
J. Shapiro
E. Shore (PGY5)
M. Sobel (PGY4)
M. Leonardi
M. Sobel
J. Kfouri
R. Pittini
K. MacRury
L. Sovran (PGY2)
J. Thomas
M. Tunde-Byass/ N.
Pairaudeau
C. Wade
A. Zaltz
Research Committee
S. Lye, Chair
L. Adamson
J. Barrett
T. Brown
I. Caniggia
R. Casper
A. Covens
J. Kingdom
R. Kung
E. Lambe
C. Librach
S. Matthews
K. Murphy
R. Windrim
M. Yudin

Promotions Committee
K Ritchie, Chair
L. Adamson
T. Brown
R. Casper
A. Covens
D. Farine
J. Kingdom
G. Lefebvre
B. Rosen
M. Sermer

Fellowship Directors Committee
H. Shapiro, Chair
L. Allen
J. Barrett
H. Berger
J. Blake
A. Bocking
R. Casper
A. Covens
B. Cruickshank
H. Drutz
D Hui
R. Kung
G. Lefebvre
C. Librach
D. Lovatsis
C. Maxwell
G. Seaward
A. Ternamian
W. Wolfman
H. Wong

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, 2010 to June 30, 2011

<table>
<thead>
<tr>
<th>SMH</th>
<th>MSH/UHN</th>
<th>SHSC</th>
<th>TEGH</th>
<th>HSC</th>
<th>NYGH</th>
<th>SJHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total deliveries</td>
<td>2,930</td>
<td>6,730</td>
<td>3,645</td>
<td>3,501</td>
<td>NA</td>
<td>5,935</td>
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<tr>
<td>Caesarean section rate</td>
<td>28.7%</td>
<td>34.1%</td>
<td>35.9%</td>
<td>28.2%</td>
<td>NA</td>
<td>29%</td>
</tr>
<tr>
<td>Total gynaecology procedures (minor and major)</td>
<td>1,674</td>
<td>4,822</td>
<td>2,230*</td>
<td>2,133</td>
<td>101</td>
<td>2,077</td>
</tr>
<tr>
<td>Clinic visits (excluding private office visits)</td>
<td>46,411</td>
<td>146,951</td>
<td>33,372</td>
<td>16,190</td>
<td>2,700</td>
<td>7,459</td>
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<tr>
<td>Number of obstetrics beds</td>
<td>29</td>
<td>84</td>
<td>68</td>
<td>34</td>
<td>NA</td>
<td>57</td>
</tr>
<tr>
<td>Number of gynaecology beds</td>
<td>9</td>
<td>27</td>
<td>6†</td>
<td>59‡</td>
<td>0</td>
<td>44§</td>
</tr>
</tbody>
</table>

*Not including Gynaecological Oncology cases performed at Scarborough General Hospital
†Plus short stay unit
‡Shared with other surgical specialties
§Shared with General Surgery

**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/Applicable
DIVISIONS

Division of Gynaecologic Oncology

*Barry Rosen, Division Head*

**Introduction:** Gynaecologic Oncology continues to work primarily at Sunnybrook Health Sciences Centre and the University Health Network/Princess Margaret Hospital (PMH).

At PMH, Dr. Stephane Laframboise continues in her role as gynaecology site group leader. The group continues to develop synoptic reporting for ovarian cancer OR reports and all colposcopy reporting, creating a rich database and reducing the need for dictation services. Over 12,000 synoptic reports have been entered into the colposcopy database.

Dr. Jason Dodge was awarded the Master Teacher Award for Undergraduate Education in Obstetrics and Gynaecology. Dr. Marcus Bernardini initiated a serum banking program, where all patients with, or who are at risk of, cancer will have serum banked. For ovarian cancer patients serum will be banked at multiple points during their care and this will provide opportunities to evaluate serum markers during the course of their illness. We expect to enrol 100 patients per year.

The robotic program at UHN continues to flourish and we have submitted a paper for publication and are embarking on a prospective study comparing quality of life, hospital stay, and costs in robotic surgery compared to laparoscopic and open surgical cases. This study is funded from AHSC research funding.

Dr. Rosen continues to travel to Kenya in support of the gynaecologic oncology program in this setting. In addition, the UHN group is supportive of the collaboration between Princess Margaret Hospital and the Kuwait Cancer Control Centre. This collaboration includes multidisciplinary medical personnel exchanges with the purpose of helping the Kuwait Cancer Control Centre improve its cancer programs.

Dr. Allan Covens is the gynaecologic oncology site group lead at Sunnybrook Health Sciences Centre. Dr. Lilian Gien from Sunnybrook received the very prestigious Young Investigators Award from the Gynecologic Oncology Group (GOG), which is part of NCI USA. This award, the first given to a Canadian, is for “Examining the Paradigm for Treating Systemic Therapies in Recurrent and Advanced Cervical Cancer”.

Dr. Allan Covens has been appointed Co-Chair of the Cervical Cancer Task Force for NCI USA and he continues in his significant leadership role in GOG as part of the Protocol Development Committee, Operations Committee and Ovary Committee.

Two fellows graduated from our program this year, Dr Jacob McGee, who has taken a position in London, Ontario and Dr Danielle Vicus, who has enrolled in a Masters program in clinical epidemiology and will take a future position at Sunnybrook Health Sciences Centre.
**Division of Maternal-Fetal Medicine**

*Dan Farine, Division Head*

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

**Highlights:** Two Division members, Jon Barrett (Twin Studies) and Kellie Murphy (MACS follow-up) have two of the largest multicenter CIHR grants and the Division has the only group grant in perinatal research. We currently have nine investigators who have secured grant funding in excess of $750,000 per annum. Members of the Division published 83 peer-reviewed articles this year, with David Chitayat (n=25) and John Kingdom (n=14) leading in publications. In the last five years, our Division has had a very prominent position in the two leading scientific meetings of our subspecialty, the SMFM and the SGI, with regard to overall number of papers, oral presentations and awards.

With nine fellows, we have the largest MFM fellowship program in Canada. Under the directorship of Cindy Maxwell, the program has attracted 40-50 applicants yearly, and is the only program in Canada to offer all aspects of MFM, from large clinical trials at CMICR, through a large maternal program, to the most established fetal therapy program in Canada. We have also provided electives to MFM fellows from other universities in the province and nation.

**Honours:** Alan Bocking has completed his term as president of APOG. Stephen Lye was selected to be the next president of the SGI. He also received the 2011 inaugural Connaught Global Health Challenge Award. The $1-million fund will enable creation of the Institute for Human Development to explore how early environments can affect health. John Kingdom is President of the Perinatal Research Society for 2010-2011. Dan Farine was appointed an Honorary Professor at the University of Moscow.
Division of Paediatric and Adolescent Gynaecology

Lisa Allen, Division Head

**Introduction:** The Division of Paediatric and Adolescent Gynaecology (PAG) includes Division head Lisa M. Allen, and staff members Nicolette Caccia, Sari Kives, Ali Nevin, Melanie Ornstein and Rachel Spitzer. Maintaining a diverse practice in common conditions and rare challenges, the Division, including the adolescent pregnancy program, receives over 2700 ambulatory visits yearly, and attracts national and international referrals to its surgical complex anomalies program.

**Highlights:** We continue to fulfill our mandate to enhance the gynaecologic care of children and adolescents through education and research. Our fellowship program attracts strong applicants and we educate Obstetrics and Gynaecology residents, plus residents and students from other programs in Canada.

The members maintain a strong mandate of continuing medical education, with over 20 invited presentations, including meetings of the Society of Obstetricians and Gynaecologists of Canada, North American Society of Pediatric and Adolescent Gynecology (NASPAG), Congreso Internacional del Colegio de Ginecologia y Obstetricia de Monterrey A.C., Mexico, and XVI Sul-Rio-Grandense Congress of Gynecology and Obstetrics, Porto Alegre, Brazil. The section organized a successful 3rd CME day in February 2011, co-sponsored by CANPAGO.

In addition to the section’s new peer-reviewed articles reported elsewhere, Dr. Spitzer was successful in securing a grant from PSI for a project on “Use of ACASI to gather information on risk behaviours in a referral population of pregnant Canadian adolescents.” Dr. Allen was a contributor to the SOGC Endometriosis Guidelines, focusing on adolescents.

The provincial, national and international presence of our members continues to be strong: Dr. Allen is Co-Chair of CANPAGO, the pediatric gynaecology subspecialty committee of the SOGC, with Dr. Kives as past Chair. Dr. Allen continues as a member of the subspecialty committee of APOG. Both Dr. Kives and Allen continue to serve on the Board of NASPAG.

**Honours:** Dr. Kives received the University of Toronto, Department of Obstetrics and Gynaecology Chair’s Award for Continuing Medical Education Teaching Excellence; Dr. Allen received the Chair’s Award for Postgraduate Program Development and Innovation and the James C Fallis Award for an Invited Speaker Presentation to the Division of Pediatric Emergency Medicine at Sickkids. The Section was proud of our fellow, Dr. Tania Dumont, whose poster on molecular testing for detection of Urogenital C. Trachomatis and N. Gonorrhoeae won a JW Knox Ritchie Research Award at Research Day 2011.

**Future Initiatives:** The section is collaborating with community and affiliated teaching hospitals to expand the network of pediatric and adolescent gynaecology care. Next year, the University of Toronto PAG fellowship will be included in the first ever Pediatric Gynecology Fellowship match, with the PAG fellowships in the United States. We are developing a new model of leadership for our Section, designed to capitalize on the strengths of our members.
Division of Reproductive Endocrinology and Infertility
Theodore J. Brown, Division Head

Introduction: The Division of Reproductive Endocrinology and Infertility comprises a diverse group of faculty members with clinical and academic interests in reproductive health. These interests include contraception, hormone action and replacement therapy, preimplantation embryo development, early pregnancy loss, menstrual and ovarian disorders, female reproductive cancers, stem cells, mature women’s health, and fertility preservation. Member research includes collaboration and academic projects both within and outside the Division and Department.

Highlights: The Division added three members in 2010/2011. Dr. Rebecca Arthur completed her residency and Royal College-accredited REI fellowship training in our Department and has joined the staff at the Centre for Fertility and Reproductive Health at Mount Sinai Hospital. Dr. Arthur recently completed a one year American Association of Gynecologic Laparoscopists (AAGL) Endoscopy Fellowship at Women’s College Hospital. Dr. Navid Esfandiari, the Laboratory Director at the Toronto Centre for Advanced Reproductive Technology, was appointed to the rank of Assistant Professor. In addition to his duties as Director, Dr. Esfandiari pursues research on robotic intracytoplasmic sperm injection, oocyte cryopreservation, and causes of oocyte aneuploidy. Dr. Sergey Moskovtsev, the Andrology Laboratory Director at CReAte, also joined the Division as an Assistant Professor. He brings expertise in male factor infertility and sperm assessment to the Division and actively pursues research into idiopathic male infertility, chromatin packaging during spermatogenesis, and aneuploidy and DNA damage in spermatozoa. These new members will expand the Division’s expertise and enhance our training environment.

The RCPSC graduate REI program is preparing for its third external review since first becoming accredited, after a strong internal review cited eight strengths with no identified weaknesses. Since accreditation in 2002, the program has graduated 13 REI specialists, all of whom have progressed to very productive careers in this subspecialty. The program is directed by Dr. Barb Cruickshank and currently has three trainees.

Dr. Crystal Chan, a MSc candidate enrolled in the RCPSC Clinician Investigator Program, supervised by Drs. Greenblatt and Brown, has developed and applied a novel minimally invasive method of sampling the endometrium to determine differential gene expression during the endometrial receptive period using a whole genome screening approach. Dr. Chan was awarded an APOG President's Research Grant, and will receive the American Society of Reproductive Medicine In-training Award for Research at the ASRM annual meeting this fall.

Future Initiatives: The Division will continue its strong commitment to research and education and to the training of residents and fellows as a means to improve patient treatment and welfare. We are working on a new initiative with other Department members and the Department of Physiology to develop an integrative course that will bring together second year OB/GYN residents and graduate students in a truly collaborative and interactive manner to discuss molecular mechanisms underlying reproductive processes with definite clinical relevance. We hope that the merging of clinical and basic trainees in this course will provide a platform for improved integration of clinical and research efforts.
Division of Urogynaecology  
Harold Drutz, Division Head

The Department of Obstetrics and Gynaecology 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. There is a three-year postgraduate fellowship training program at Mount Sinai Hospital and two year-programs at St. Michael’s Hospital and Sunnybrook Health Sciences Centre. Residency and fellowship positions are highly valued and competitive. The division leads practice in advanced laparoscopic and reconstructive pelvic surgery and receives local, province-wide, Canada-wide and international referrals.

Faculty members include Drs. Harold Drutz, Danny Lovatsis and May Alarab at Mount Sinai Hospital (MSH), William Easton at Scarborough Centenary Hospital, Colleen McDermott, Dana Soroka, Guylaine Lefebvre, Abeya Satkunaratnam, and Deborah Robertson at St Michael’s Hospital (SMH), and Janet Bodley, Rose Kung, Patricia Lee and a group of minimally invasive gynaecologic surgeons (MIGS) Drs. Kai Lie, Grace Liu, and Herbert Wong at Sunnybrook Health Sciences Centre (SHSC), and Mary Melchior at St. Joseph’s Health Centre.

Highlights: Members of the Division have published ten peer reviewed articles and nine papers accepted for publications; four funded grants are in progress. Dr. Drutz was Chairman of the Combined International Continence Society (ICS), International Urogynecological Association (IUGA) meeting in Toronto, August 24-27, 2010. Drs. Alarab, McDermott, Kung and Drutz presented workshops at the 2011 IUGA meeting in Lisbon, Portugal.

Dr. Guylaine Lefebvre received the Distinguished Service Award from the SOGC. She published two guidelines on minimally invasive surgical techniques and was promoted to full professor. Dr. Lovatsis published SOGC guidelines for the evaluation and treatment of recurrent urinary incontinence and also recurrent urinary tract infections. Dr. Drutz published IUGA guidelines for educational training of core medical students, core residents and postgraduate fellows in FPMRPS.

Dr. Alarab won the Chair’s award for outstanding research potential. Janet Bodley is the “Resident Wellness” Director at the University for OBS/GYN. Mary Melchior was awarded “Master Teacher” designation for undergraduate teaching.

The Division of Urogynecology at MSH moved to new space in the Hydro Building (OPG) and is establishing a Mature Women’s Healthcare Centre (MWHC) with Dr. Wendy Wolfman (Menopause Unit). The Women’s College Hospital site in-patient OB/GYN program successfully relocated to new clinical space at the Sunnybrook Unit and was designated Olympus Centre of Excellence for Laparoscopic training. St. Michael’s established a 6 million dollar new site for Women’s Healthcare.
PROGRAMS

Undergraduate Medical Education
Filomena Meffe, Director

Introduction: The Undergraduate Medical Education Committee consists of the hospital site Clerkship Coordinators, Student representatives, Resident representatives, Undergraduate Director, Chairman, Departmental Educator and Faculty Educational Advisor. The committee meets approximately once a month to discuss issues and implement or modify educational strategies 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: In September 2011, 54 first-year U of T medical students (out of a total of 259) will enter the Mississauga Academy of Medicine (MAM) for their educational and clinical activities. The remaining 205 students will be assigned to the St. George Campus. Philanthropist Terrence Donnelly and Mississauga businessman, Carlo Fidani, along with the provincial government and other private donors, funded the construction of the $37 million, 4-storey Terrence Donnelly Health Sciences Complex, which houses the graduate biomedical communications program, research laboratories and the Mississauga Academy of Medicine. These 54 students will be entering their clerkship in September 2013 and our Department Undergraduate Committee, in partnership with MAM Obstetrics and Gynaecology Clerkship Representatives, Dr. Dalip Bangu (Trillium Health Centre) and Dr. Scott Tigert (Credit Valley Hospital), has been working hard to ensure the Obstetrics and Gynaecology Clerkship Program will be up and running by then.

During the academic year 2010-2011, a pilot project involving 8 students spending 2 weeks each at either Trillium or Credit Valley was implemented with great success. The need for videoconferencing resources to transmit our Obstetrics and Gynaecology seminar program live between sites during the pilot program sparked discussion in the Faculty of Medicine with respect to funding support. This process led to all Academies agreeing to cover these costs. Once again, our Department has shown vision and leadership in ensuring that our undergraduate students continue to have access to the seminar program within a small group learning environment, despite being in distant sites during this transition period.

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 2010-11 student award winners!

- Dr. Jacob Goldstein Scholarship: Pamela Tsao
- Hendry Memorial Scholarship: Nigel Tan
- Dr. Frederick R. Papsin Award: Jessica Green

Future Initiatives: In consultation with our colleagues at the Mississauga Academy of Medicine, the original pilot project will be expanded in a step-wise fashion with 4 students going to MAM for 2 weeks only per rotation in 2011-12 and then 4 students every 2 weeks of each rotation in 2012-13. Building capacity and experience in an incremental fashion over time is essential to the successful implementation of an Obstetrics and Gynaecology Clerkship Program in Mississauga for 2013. Faculty development opportunities with regard to clerkship matters and best practices in teaching will also be offered.
Postgraduate Medical Education
Heather Shapiro, Director

Introduction: 2010-11 marks the tenth and final year of my position as Program Director — a decade full of enriching and overall rewarding experiences, not the least of which was engaging with the residents, a constant source of inspiration. It has been a privilege to participate in the growth and development of postgraduate education in the Department, and to work with so many dedicated faculty and committee members who contribute tirelessly to the education program.

Highlights: Twelve PGY1 residents admitted in 2011 marked the highest number ever – making us the largest program in Canada. We have been careful to address any potential dilution of learning experiences, and our residents continue to be among the best surgically trained in Canada. With increased numbers, we have instituted significant changes, such as a successful trial 12-hour shift system at St Michael’s Hospital.

We are constantly innovating and refining the curriculum, this year adding “Medical Humanities” by Dr Alan Peterkin (Staying Human During Residency); “Risk management” by Kim Parker, RN, Risk Manager, MSH; and “Transport medicine and the obstetric patient” by Dr Russ MacDonald of ORNGE. Colleagues from internal medicine, anaesthesia, and neurology also participated.

In skills education, Dr May Alarab developed a new model for teaching perineal repair and we continue to use simulation for obstetrical emergency practice. After obtaining video-conference equipment as infrastructure support for integrated medical education, teaching sessions have incorporated this equipment on a limited basis. Our commitment to resident wellness remains high. Our new Resident Wellness Team - Drs Janet Bodley, Michèle Farrugia, and Donna Steele – have been active in offering support, and developing resident and faculty awareness and resilience.

Honours: Congratulations to our residents: Crystal Chan - Clinical Alan Wu Poster Competition, Institute of Medical Sciences Scientific Day; Naana Jumah - Duchesnay Fellowship; Kelsey Mills - NAMS 2011 New Investigator Award; Ally Murji - NYGH E.W. Wight Memorial Award 2010-2011; and Eli Shore - Dr. Frederick R. Papsin Award. And also to our faculty, Dr. Mark Yudin - Sarita Verma Award for Advocacy and Mentorship in Postgraduate Medicine, and Dr. Paul Bernstein - Excellence in Postgraduate Medical Education Award for Teaching Performance/Mentorship/Advocacy. These faculty awards were due in no small part to the residents’ letters of recommendation.

Future Initiatives: We are optimistic about video-conferencing all of the sessions next year, greatly facilitating ties with our community partners and providing residents with greater access to teaching. We have begun preliminary research on adapting Fundamentals of Laparoscopic Surgery (FLS). This is standardized testing of laparoscopic skills for general surgery, and we anticipate that we will be the first gynaecology residency program to use this. Dr Mathew Morton is the lead on this project.

I look forward to our continuing success on every level, under “new management.” I would like to thank Caroline Sutherland for her excellent job as interim education coordinator since January 2011.
COMMITTEE REPORTS

Research Committee
Stephen Lye, Chair

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

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

Highlights: Members of the department published approximately 130 peer-reviewed original research papers, plus 75 additional publications in 2010/2011, and hold funding for over 200 research projects.

The Department’s Annual Research Day took place on Friday, May 6, 2011, and continues to be an excellent opportunity to showcase our wide-ranging research and encourage trainees to present their work. There were 14 oral and 61 poster presentations by trainees from the Department, covering a range of excellent research, both basic and clinical. There was also an excellent Henderson Lecture, delivered by Dr. Philip Castle, on the topic, “Separating the Wheat from the Chaff: The Paradigm of Human Papillomavirus (HPV) and Cervical Cancer”. Dr Castle explored the natural history of HPV, its role in oncogenesis and discussed the role of HPV testing for improved cervical cancer prevention. The data show the vaccine to be highly effective when given in advance of the start of sexual activity, that screening with new technologies can allow later initiation of screening and longer intervals between screen tests and that a risk-based approach improves efficiencies and outcomes.

Please see page 93 for a list of abstracts and details of the day. A record 243 people signed in for Research Day and our Hart House location allowed us to have all the posters available all day in the Great Hall.

Members of the Research Committee acted as research advisors to Residents in the 2010-2011 year in an effort to assist residents towards success in research.

Honours: We would like to congratulate the winners of the J.W. Knox Ritchie Research Awards for best abstract/presentation by trainee category. (See page 110) Also, please note all the award winners in the awards section (pages 31-37), of which many are in the area of research.

Future Initiatives: The Committee looks forward to improvements in Research Day and to continue encouraging trainees to engage in valuable research.
The Continuing Medical Education Committee’s focus, since its inception, has been to invite clinically-relevant, practice-changing speakers for Interhospital Rounds and to pursue a long-term strategy for continuing medical education for the Department. Working along with the Office of CEPD, our Department has put on 11 University of Toronto approved courses and continues to be represented at Saturday at the University.

Interhospital rounds presented a new challenge in 2010-2011, as the Department of Obstetrics and Gynaecology moved from Women’s College to Sunnybrook Hospital at Bayview. With the help of telemedicine, we were successful in providing live webcasting of these rounds to Sunnybrook, Mount Sinai, and St. Michael’s Hospital, and invited North York General Hospital and Toronto East General. As the teaching sites continue to increase, we will continue to broadcast rounds throughout the GTA. This innovation has been successful and well received.
<table>
<thead>
<tr>
<th>Courses</th>
<th>Date</th>
<th>Venue</th>
<th>Medical Course Director</th>
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<tbody>
<tr>
<td>Fetal Medicine Update</td>
<td>October 22 –23, 2010</td>
<td>Ben Sadowski Auditorium</td>
<td>Greg Ryan and John Kingdom</td>
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<tr>
<td>5th Annual Gynaecology Review Day</td>
<td>November 5, 2010</td>
<td>Ben Sadowski Auditorium</td>
<td>Jackie Thomas</td>
</tr>
<tr>
<td>2nd Annual Women’s Health Symposium</td>
<td>February 4, 2011</td>
<td>The Pantages Hotel</td>
<td>Guylaine Lefebvre and Deborah Robertson</td>
</tr>
<tr>
<td>3rd PAG Day</td>
<td>February 12, 2011</td>
<td>Mount Sinai Hospital</td>
<td>Lisa Allen</td>
</tr>
<tr>
<td>7th Annual Mature Women’s Health Care</td>
<td>April 8, 2011</td>
<td>Isabel Bader Theatre</td>
<td>Harold Drutz and Wendy Wolfman</td>
</tr>
<tr>
<td>9th Annual Refresher in Primary Maternity Care</td>
<td>May 13, 2011</td>
<td>Northrop Frye Auditorium</td>
<td>John Kingdom, Family Practice</td>
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<tr>
<td>19th Annual Symposium New Developments in Prenatal Diagnosis</td>
<td>May 18, 2011</td>
<td>JJR MacLeod Auditorium</td>
<td>David Chitayat</td>
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<tr>
<td>2nd Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery</td>
<td>June 9 –10, 2011</td>
<td>Delta Chelsea MSH</td>
<td>Harold Drutz</td>
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</tbody>
</table>
Interhospital Rounds:

September 17, 2010

Dr. Wendy Levinson
Sir John and Lady Eaton Professor and Chair
Department of Medicine, University of Toronto
“Challenging Communication Between Surgeons and Patients: What the evidence shows”

October 15, 2010

Dr. Marcus Bernardini
Dr. Guylaine Lefebvre
St. Michael's Hospital/University Health Network
“Robotic Surgery in Gynaecology: The Toronto Experience to Date”

November 12, 2010

Dr. Farida Jeejeebhoy
Division of Cardiology - University Health Network/Mount Sinai Hospital
“Management of Cardiac Arrest in Pregnancy: 2010 Guidelines”

December 3, 2010

Dr. Roberto Romero
Chief, Perinatology Research Branch
Program Director for Obstetrics and Perinatology,
Division of Intramural Research of NICHD/NIH
Professor of Molecular Obstetrics and Genetics,
Wayne State University
“The role of intra-amniotic infection/inflammation in pre-term labour and fetal injury”

January 7, 2011

Dr. Steven Narod
Professor, University of Toronto
Canada Research Chair in Breast Cancer
Women’s College Research Institute, Familial Breast Cancer Research Unit
“Inherited Susceptibility to Ovarian Cancer: Clinical and Public Health Implications”

February 4, 2011

Dr. Michael Divon
The Hugh RK Barber MD Chairman
Department of Obstetrics and Gynaecology
Lenox Hill Hospital, New York
“Intrauterine Growth Restriction”

March 4, 2011

Professor Ray Garry
University of Western Australia (Ret.)
“Watching Endometrium Grow”

Friday, April 1, 2011

Professor Catherine Williamson
Imperial College, UK
“Cholestasis of Pregnancy”
May 6, 2011

June 3, 2011

RESEARCH DAY

Dr. John Kingdom
Obstetrician, Maternal-Fetal Medicine, Mount Sinai Hospital
Professor, Obstetrics & Gynaecology, Lab Medicine & Pathobiology, Medical Imaging, University of Toronto
“Heparin and Placental Complications in Pregnancy”
EDUCATIONAL PARTNERSHIP PROGRAM

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

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

The 2010 – 2011 Industry Sponsors are:

**PLATINUM LEVEL**  
- Bayer Healthcare Pharmaceuticals

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

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

DEPARTMENT AWARDS

2010-2011 CHAIR’S AWARDS

Janet Bodley  Excellence in Undergraduate Teaching
Jacqueline Thomas  Excellence in Postgraduate Teaching
Heather Shapiro  Excellence in Postgraduate Program Development/Innovation
May Alarab  Outstanding Research Potential
Sari Kives  Excellence in Research Facilitation
Kellie Murphy  Sustained Excellence in Research
Wendy Whittle  Excellence in CME Teaching
Jacqueline Thomas  Excellence in CME Course Coordination
2011 AWARDS FOR UNDERGRADUATE TEACHING EXCELLENCE

Jason Dodge  University Health Network
Rory Windrim  Mount Sinai Hospital
Sabrina Lee  North York General Hospital
Tara MacLeod  Toronto East General Hospital
Sybil Judah  St. Joseph’s Health Centre
Tatiana Freire-Lizama  St. Michael’s Hospital
Richard Pittini  Sunnybrook Health Sciences Centre

MASTER TEACHER AWARDS

Jason Dodge  University Health Network
Rory Windrim  Mount Sinai Hospital
Lee Adamson
Anne and Max Tanenbaum Chair in Molecular Medicine,
Samuel Lunenfeld Research Institute of Mount Sinai Hospital.
2005 - 2011

Lisa Allen
2011 James C Fallis Award
Dept of Obstetrics & Gynaecology, Faculty of Medicine
The Hospital for Sick Children. (Specialty: Division of Pediatric Emergency Medicine)
Invited Speaker Presentation for Pediatric Emergency Medicine Rounds at The Hospital for Sick Children.

Alan Bocking
Schulich School of Medicine and Dentistry’s Dean’s Award of Excellence, Team Award,
Canadian Research and Development Centre for Probiotics.
April 2011

Marcus Bernardini
Correa R, Dunnigan S, Panzarella T, Ferguson SE, Murphy J, Mackay H, Bernardini MQ.
Comparing overall survival in patients with epithelial ovarian, primary peritoneal or fallopian tube cancer who received chemotherapy alone vs. neoadjuvant chemotherapy followed by delayed primary debulking. 42nd Annual Meeting of the Society of Gynecologic Oncologists, Orlando, Florida, USA, March 2011.
Winner, Best Poster

Paul Bernstein
Excellence in Postgraduate Medical Education Award for TeachingPerformance/Mentorship/Advocacy
Faculty of Medicine, University of Toronto
June 2011

Isabella Caniggia
Megan Melland-Smith (MSc Student). Y.W. (Charlie) Loke Travel Award for Early Career Researchers.
T. Sivasubramaniyam (Msc Student). Travel Award, IFPA, 2010, A novel role for Par6 in Trophoblast Cell Fusion. Santiago, Chile.

Dennis Chu
Completed the several-week U of T program in Patient Safety and Quality Improvement, 2011
Terence Colgan  
Appointed incoming Chair of the College of American Pathologists Curriculum Committee, tasked with the development and assessment of all on-line and in-person learning activities of the College.

Harold Drutz  
A surprise presentation was made to Dr. Drutz from 25 of his current and former fellows who attended the Combined ICS/IUGA Meeting, Toronto, August 23-27, 2010 which Dr. Drutz chaired. The presentation read, "To Dr. Harold P. Drutz, In recognition of his priceless contributions to the field of Urogynaecology and Pelvic Reconstructive Surgery in Canada and throughout the world. From the scholars he trained, mentored and inspired." This year the Division of Urogynaecology at Mount Sinai Hospital will graduate its 40th fellow.

Best Oral Poster Presentation for Fellow  
Joint Annual Meeting of the International Continence Society (ICS) and International Urogynaecological Association (IUGA), Toronto, Ontario, Canada  
Bortolini, MA., Shynlova, O., Oleskiv, N., Drutz. HP., Lye, S. Alarab, M. Procollagen C Protenaise and Lox Enzymes expression in vaginal tissue of women with and without pelvic organ prolapse.  
August 23-27, 2010

Dan Farine  
Honorary Professor, Moscow University, Russia  
2011 May

The Dr. David Bevan Award  
Best Poster Award, 32nd Annual Shields Research Day, Department of Anaesthesia, University of Toronto  
May 6, 2011

Sarah Ferguson  
RDavilene Carter Presidential Prize for Best Paper (1st Place), American Association for Cancer Education. (Research Award)  
Wiljer D, Urowitz S, Barbera L, Chivers ML, Quartey N, Ferguson SE, To M, Classen CC. A qualitative study of an internet-based support group for women with sexual problems due to gynaecologic cancer.  
October 2010

Ovarian Cancer Canada Award in Support of Psychosocial Oncology Excellence, Canadian Association of Psychosocial Oncology. (Research Award)  
Classen CC, Chivers M, Urowitz S, Barbera L, Wiljer D, Ferguson SE. A web-based support group for women sexually distressed due to gynecologic cancer (Symposium).  
2011 May

Correa R, Dunnigan S, Panzarella T, Ferguson SE, Murphy J, Mackay H, Bernardini MQ. Comparing overall survival in patients with epithelial ovarian, primary peritoneal or fallopian tube cancer who received chemotherapy alone vs. neoadjuvant chemotherapy followed by delayed primary debulking. 42nd Annual Meeting of the Society of Gynecologic Oncologists, Orlando, Florida, USA, March 2011.  
Winner, Best Poster
**Tatiana Freire-Lizama**
Nominated: Fitzgerald Academy Award (ASCM teaching), 2010-2011

**Ellen Greenblatt**
Attitudes and knowledge of fertility preservation among physicians involved in cancer care: provincial survey of referral patterns and perceived service barriers.
Best Psychosocial Paper Award
Canadian Fertility and Andrology Society
Vancouver, British Columbia, September 2010.

Royal College of Physicians and Surgeons of Canada Certificate of Founder Designation in Gynecologic Reproductive Endocrinology and Infertility; Specialty: Gynecologic Endocrinology and Infertility
Recognition as a Fellow instrumental in the creation of a new discipline approved by the Royal College.
October 2010

**Andrea Jurisicova**
CRC Tier II Award, Molecular and Reproductive Medicine
Government of Canada, 2008-2013

CSH Autumn Symposia
CIHR Student Travel Award. (Trainee Presentation), October 2010.

CSH Autumn Symposia on Molecular Mechanism of Aging, Cold Spring Harbor.
Trainee awarded a CSHL Travel Award. (Trainee Presentation), September 2010.

**John Kingdom**
Carl Nimrod Educator Award, Association of Professors of Obstetrics & Gynaecology
November 2010

Winner, ACOG District V Best Junior Fellow Paper award.
Sobel, M., Kingdom, J., Drewlo, S. Angiogenic response of placental villi to heparin.
April 30 – May 4, 2011, Washington DC, USA

**Sari Kives**
Paul McCleary Award, St Michael’s Hospital Medical Education Award
For promoting education in Obstetrics and Gynaecology,
St Michael’s Hospital, Toronto, Ontario, 2011

**Patricia Lee**
Kroft J, Lee P. How does the obstetrics and gynaecology resident training in hysterectomy compare between Canada and the United States?”
Best in 4 Abstract
Best Oral Presentation
Guylaine Lefebvre
Chair of St Michael’s Hospital Medical Advisory Council for a two-year term starting in July 2011

Kim Liu
Jones, Claire. Effects of Insurance coverage of fertility medications on patients decision making. OB/GYN University Resident Research Award, Supervisor, Canadian Foundation for Women’s Health, Canada, December 2010
Presented annually to one resident researcher in obstetrics and gynaecology at each of Canada’s university teaching hospitals, recognizing outstanding and timely contributions to women’s health research.


Filomena Meffe
Sustained Excellence in Postgraduate Teaching Award
Department of Obstetrics & Gynaecology, Faculty of Medicine, St. Michael’s Hospital, Toronto. June 2011

Cindy Maxwell
Maternal Fetal Medicine Fellowship Faculty Teaching Award, June 2011.

Colleen McDermott

Joan Murphy
Correa R, Dunnigan S, Panzarella T, Ferguson SE, Murphy J, Mackay H, Bernardini MQ. Comparing overall survival in patients with epithelial ovarian, primary peritoneal or fallopian tube cancer who received chemotherapy alone vs. neoadjuvant chemotherapy followed by delayed primary debulking. 42nd Annual Meeting of the Society of Gynecologic Oncologists, Orlando, Florida, USA, March 2011. Winner, Best Poster

Alexandra Nevin Lam
Excellence in Specialty Teaching of Family Medicine Residents Award
North York General Hospital, 2010

Nicholas Pairaudeau
OMA Life Membership Award, May 2011, for outstanding contributions to the work of the Association, medical sciences and common good in Ontario.
Maire Percy
2011 winner of the Award of Excellence of the Ontario Association on Developmental Disabilities, that honours “an individual who has contributed significantly to better understanding of, or enhance the quality of life for those with developmental disabilities”.

Rajiv Shah
President of the Medical Staff Association for a two-year term, starting in June 2011

Heather Shapiro
Poster Presentation, Best Psychosocial Paper Award, September 29, 2010

Donna Steele
The Fitzgerald Academy Clerkship Teacher Award, June 10, 2011
Award for Excellence in Undergraduate Teaching, Department of Obstetrics and Gynaecology, St. Michael’s Hospital, June 10, 2011.

Melissa Tai
Recipient of the Dr. John Fowler Teaching Award
TEGH Family Practice Postgraduate Program, 2011.

Paul Thistle
Dr. Paul and Pedrinah Thistle have received the Tikun Olam Award 2010 for Outstanding Achievement in Medicine. Since 1995, Dr. Paul and Pedrinah Thistle have been providing medical, social and spiritual care to over 100,000 people in Zimbabwe each year. Through their exemplary work, Dr. Thistle, chief medical officer at the Salvation Army Howard Hospital, and Pedrinah, a nurse educator and midwife, ensure an entire rural community of 270,000 have access to much needed medical, health and humanitarian assistance.

Modupe Tunde-Byass
Dr. Modupe Tunde-Byass completed the several-week U of T program in Patient Safety and Quality Improvement, 2011

Wendy Whittle
Council for Resident Education in Obstetrics and Gynecology Teaching Award
June 2011.

Wendy Wolfman
Canadian Who’s Who, University of Toronto Press, Canada.

Mark Yudin
Sarita Verma Award for Advocacy and Mentorship in Postgraduate Medicine
Faculty of Medicine, University of Toronto
June, 2011.
PEER-REVIEWED PUBLICATIONS

Original Research


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


Eiriksson L, **Covens A.** Conservative surgery for early stage cervical cancer: Who should we offer it to? Gyne Onc 2010 November;119(2):173-4. Editorial


Papadakos J, Freeman A, Abdelmutti N, Ferguson SE. Chemotherapy: How to manage your chemotherapy side effects. PMH Educational and Supportive Care Pamphlets/PMH Cancer Program, 2011.


Windrim R. ACP Journal Club. PPI use in the first trimester was not associated with increased risk for birth defects; PPI use 1 to 4 weeks before conception was. Ann Intern Med 2011 Jun 21;154(12):JC6-11.


INVITED LECTURES AND VISITING PROFESSORSHIPS

International

Alarab M. Basic science research into the etiology of pelvic organ prolapse. International Urogynecological Association (IUGA) Meeting, Lisbon, Portugal, June 27, 2011.


Alarab M. Basic science research in pelvic organ prolapse from bench to bedsit.e. Workshop. Invited speaker. Joint Annual Meeting of the International Continence Society (ICS) and International Urogynecological Association (IUGA), Toronto, Ontario, Canada, August 23-27, 2010.


Caniggia I. Polarity and Trophoblast Cell Fusion. IFPA 2010, Santiago, Chile, October 2010.
Caniggia I. Research behind biomarkers. Alere, San Diego, California, USA.

Casper R. Mitochondrial nutrients to improve IVF outcomes. Serono Symposia International Conference on Reproductive Aging, Taormina (Messina), Italy, April 30, 2011.

Casper R. Aromatase inhibitors. Serono Symposia International Conference on Reproductive Aging, Taormina (Messina), Italy, April 30, 2011.


Derzko C. Bioidentical hormone therapy – A Canadian perspective. 13th World Congress on Menopause - International Menopause Society, Rome, Italy, June 7-12, 2011.


Farine D. Fetal movements – Maternal perception as a tool for monitoring fetal well being. Invited Speaker. Graduation of PhD students in Obstetrics and Neonatology, Russian State Medical University, Moscow, Russian Federation, September 17 - 19, 2010.


Farine D. Should mothers perform “Kick count”? International Symposium at the Hospital Israelita, Albert Einstein, Sao Paulo, Brazil, May 13, 2011.

Farine D. Active mismanagement of labour. Invited Speaker. International Symposium at the Hospital Israelita, Sao Paulo, Brazil, May 13, 2011.

Farine D. What is the optimal C/S rate? Invited Speaker. International Symposium at the Hospital Israelita, Sao Paulo, Brazil, May 13, 2011.


Kung R. Evidence-based medicine. Workshop, IUGA, Lisbon, Portugal, June 29, 2011.


Maxwell C. Maternal obesity and pregnancy outcomes. Panelist. 2nd Annual Canadian Obesity Network Summit. Montreal, Quebec, Canada, April 27, 2011.

McDermott C. Laparoscopic sacral colpoperineopexy: Abdominal versus abdominal-vaginal posterior graft attachment. Resident Research Day, Department of Obstetrics and Gynecology, Indiana University School of Medicine, Indiana, United States, 2010.

Rogers IM. Animal models for stem cell therapy studies. Seminar, University of Arizona, Arizona, United States, March 8, 2011.

Rogers IM. Lysosomal disruption selectively targets leukemia cells and stem cells through a mechanism related to increased ROS production. American Society for Hematology, San Diego, California, United States, December 10, 2010.


Ryan E. DHEA-treated patients and resulting pregnancy and miscarriage rates. 40th University College Dublin Medical Reunion, Carlton House, Dublin, Ireland, June 2011.

Ryan E. DHEA-treated patients and resulting pregnancy and miscarriage rates. IVF Department, Hamad Medical Center, Doha, Qatar, June 2011.


Ryan G. Importance of monitoring for Twin Anemia-Polycythemia Sequence (TAPS) in MC/DA twins without TTTS. SMFM meeting, San Francisco, California, USA, February 7-12, 2011.


Ryan G. Fetal thoracic shunts. 10th World Congress and Eurofoetus Meeting, Msida, Malta, June 26-27, 2011.

Ryan G. Subcommittee Reports – Database. NAFTNet Spring Meeting, Chicago, Illinois, USA, April 15-17, 2011.

Sermer M. Heart disease in pregnancy. Invited Speaker. International Society of Obstetric Medicine, Melbourne, Australia, October 2010.

National


Allen L. Cervical cytology screening – When is the right time to start? Invited Speaker. Adolescent Medicine Department, Hospital for Sick Children, Canada. Videoconference: National Adolescent Medicine Rounds. Participating sites: Hospital for Sick Children, BC Children’s Hospital, CHEO, SHU Sainte-Justine, Montreal Children’s Hospital, Alberta Children’s Hospital, McMaster Children’s Hospital, January 26, 2011.

Bernardini M. Management of abnormal paps and ultrasound findings in postmenopausal women. Mature Women’s Health Care. Mount Sinai Hospital, Toronto, Ontario, April 8, 2011.

Bocking AD. Infection and preterm labour. Robert Kinch Visiting Professorship, McGill University, Department of Obstetrics and Gynecology, Montreal, Quebec, September 2010.

Bocking AD. Global maternal and reproductive health. Robert Kinch Visiting Professorship, McGill University, Department of Obstetrics and Gynecology, Montreal, Quebec, September 2010.

Bocking AD. Translational Research - The role of the Clinician and Clinician-Investigator. Robert Kinch Visiting Professorship, McGill University, Department of Obstetrics and Gynecology, Montreal, Quebec, September 2010.

Bocking AD. Preterm birth: Is the vaginal flora important? Keynote Address. JA Low Research Day, Department of Obstetrics and Gynaecology, Queens University, Kingston, Ontario, April 8, 2011.


Covens A. Laparoscopic radical hysterectomy. Greg O’Connell Lectureship, Department of Obstetrics and Gynecology, McMaster University, Hamilton, Ontario, Canada, February 2011.


Derzko C. Menopause Update 2011 – 9 Years After the WHI. Ottawa, Ontario, January 19, 2011.


Derzko C. Menopause update and an overview of bioidentical hormone use. Collingwood, Ontario, April 14, 2011.


Kives S. Disorders of Puberty. Plenary Session, 33rd Annual Memorial Program, Queen’s University, Kingston, Ontario, Canada, October 2010.

Kives S. Mirena IUD-Pearls and Pitfalls. Breakout Session, 33rd Annual Memorial Program, Queen’s University, Kingston, Ontario, Canada, October 2010.


**Lausman A, Lefebvre G.** Management of adnexal masses in pregnancy. Best practice session. SOGC Annual Clinical Meeting, Montreal, Quebec, June 2010.


**Lovatsis D.** Best Practice Session (with syllabus – Pelvic Floor Surgery Debate), SOGC ACM, Vancouver, BC, June 24, 2011.

**Lovatsis D.** Laparoscopic surgery in urogynecology (with syllabus). Lecture. CMAS, McMaster University, Hamilton, Ontario, October 1-2, 2010.

**Lovatsis D.** Laparoscopic suturing techniques. Dry Lab Teaching, CMAS, McMaster University, Hamilton, Ontario, October 1-2, 2010.


**Meffe F.** An IPE program in maternity care for undergraduate students in nursing midwifery and medicine. What’s it all about? Where do we go from here? Speaker. The Council of Ontario University Programs in Nursing General Meeting, Toronto, Ontario, April 13, 2011.


**Morton M.** Safe peritoneal entry at laparoscopy. Invited Speaker as part of Society of Minimally Invasive Gynecology (SMIG) Best Practice Session, Society of Obstetricians and Gynaecologists of Canada, Annual Clinical Meeting, Vancouver, British Columbia, June 22, 2011.


Rogers IM. Umbilical cord blood banking. Invited Lecturer. SOGC West/Central CME meeting, Seminar, Lake Louise, Alberta, March 25, 2011.


Ryan G. FETO for congenital CDH. CAPSNet Steering Committee Working Meeting, Whistler, British Columbia, February 27 – March 01, 2011.


Seaward PGR. A critical appraisal of the new SOGC guidelines on postpartum haemorrhage. Invited Speaker. 8th Annual Obstetric Anaesthesia Conference & Workshop, University of Toronto and Mount Sinai Hospital, Department of Anaesthesia, Toronto, Ontario, September 2010.

Seaward PGR. Management of other monochorionic twin complications. Invited Speaker. University of Toronto and Mount Sinai Hospital, Department of Obstetrics and Gynaecology Fetal Medicine Update 2010, Toronto, Ontario, October 2010.

Seaward PGR. LIVE SCAN (Workshop) Practical tips for Obtaining good Doppler Waveforms. Facilitator. University of Toronto and Mount Sinai Hospital, University of Toronto and Mount Sinai Hospital, Department of Obstetrics and Gynaecology Fetal Medicine Update 2010, Toronto, Ontario, October 2010.

Seaward PGR. LIVE SCAN (Workshop).Abnormal Doppler Findings. University of Toronto and Mount Sinai Hospital, University of Toronto and Mount Sinai Hospital, Department of Obstetrics and Gynaecology Fetal Medicine Update 2010, Toronto, Ontario, October 2010.


Local

**Alarab M.** Anal sphincter skills/workshops. Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery Course, Surgical Skills Centre, Mount Sinai Hospital, Toronto, Ontario, June 9-10 2011.

**Alarab M.** Material must be used in all reconstructive pelvic surgeries. Debate: Peter Sands (for) vs. May Alarab (against). Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery Course, Mount Sinai Hospital, Toronto, Ontario, June 9-10, 2011.

**Alarab M.** Obstetrical perineal injuries, Types, extents and methods of repair. Refresher in Primary Maternity Care course. Mount Sinai Hospital, Toronto, Ontario, May 13, 2011.

**Alarab M.** Managing urogenital aging, Continuing Education. Presented to Registered Professional Nurses, Miller Tavern Restaurant, Toronto, Ontario, March 30, 2011

**Alarab M.** Menopause and urogenital aging. Residents teaching seminars. Mount Sinai Hospital, Toronto, Ontario, January 20, 2011.

**Alarab M.** Pelvic organ prolapse and stress urinary incontinence. Resident seminar PGY 2-5. Women’s College Hospital, Toronto, Ontario, January 13, 2011.


**Arthur R.** Infertility for family physicians. Grand Rounds, Mount Sinai, Department of Family Medicine, Mount Sinai Hospital, Department of Obstetrics & Gynecology, April 2011.
Arthur R. Infertility for family physicians. Grand Rounds, Department of Family and Community Medicine, St Michael’s Hospital, February 10, 2011.


Berger H. Weighing in on visceral adiposity and GDM. University of Toronto Diabetes in Pregnancy Study Group, Toronto, Ontario, March 9, 2011.

Berger H. OB Management of macrosomia. Endocrine Fellow Symposium, Mount Sinai Hospital, Toronto, Ontario, April 1, 2011.


Brown TJ, Chan C. Mentoring and supervising clinical research trainees: How to foster a working knowledge of research? Department of Obstetrics and Gynaecology Faculty Development Day, University of Toronto, Toronto, Ontario, October 12, 2010.

Brown TJ. Human Research Ethics. Lecturer. Department of Physiology, University of Toronto, Toronto, Ontario, Department of Physiology Graduate Student Orientation, September 9, 2010.

Brown TJ. Introductory principles of experimental design and statistics. Graduate Student Orientation, Department of Physiology, University of Toronto, Toronto, Ontario, September 8, 2010.

Carvalho J, Kachura J, Kingdom J, Windrim R. Severe PPH. Panel. 9th Annual Refresher in Primary Maternity Care. Department of Obstetrics and Gynaecology, University of Toronto & Mount Sinai Hospital, Toronto, Ontario, May 13, 2011.


Chitayat D. Follow-up of pregnancies with fetal lethal conditions – Patients who decide to continue the pregnancy. TV Interview by Megan Ogilvie.. The Toronto Star, Toronto, Ontario, Canada. August 19, 2010.

Chitayat D. Current topics in medical genetics - Prenatal genetics. Academic Half Day Curriculum. Trainee Program in Medical Genetics, Division of Clinical & Metabolic Genetics, SickKids Hospital, Toronto, Ontario, August 19, 2010.


Chitayat D. Dysmorphology Video – Concepts Course. Division of Clinical & Metabolic Genetics, Hospital for Sick Children, Toronto, Ontario. MSc Program in Genetic Counselling. September 15, 2010.


Chitayat D. Sex determination and approach to the child with ambiguous genitalia.MSc Program in Genetic Counselling. Hospital for Sick Children, Toronto, Ontario, November 25, 2010.

Chitayat D. Multifactorial inheritance. MSc Program in Genetic Counselling. Hospital for Sick Children, Toronto, Ontario, January 20, 2011.


Chitayat D. Current topics in medical genetics - Prenatal diagnosis - prevention. Academic Half Day Curriculum, Trainee Program in Medical Genetics, Division of Clinical & Metabolic Genetics. SickKids Hospital, Toronto, Ontario, May 2, 2011.


Chitayat D. Prenatal diagnosis – Invasive. Trainee Program in Medical Genetics, Division of Clinical & Metabolic Genetics, SickKids Hospital, Toronto, Ontario, June 9, 2011.


Derzko C. Vitamin D: A review of current concepts and recent recommendations. Saturday at the University, University of Toronto, Toronto, Ontario, March 26, 2011.

Derzko C. A gynecological perspective on osteoporosis management. St. Michael’s Hospital Metabolic Bone Clinic Rounds, Toronto, Ontario, March 17, 2011.


Derzko C. Menopause Update 2010: 8 Years after the WHI. Albany Clinic, Toronto, Ontario, December 8, 2010.


Dixon M. Various topics, including infertility, breasts, menopause, HRT. Monthly lecture on Cityline, City TV, Toronto, Ontario, February 2011- present.


Ferguson SE. Detecting Lynch syndrome in women with gynaecologic cancer. Translating Scientific Advances in Clinical Practice. 10th Annual Princess Margaret Hospital Conference, Toronto, Ontario, October 2010.

Ferguson SE. Sexuality and body image in women with gynaecologic cancer. MSH Obstetrics and Gynaecology Grand Rounds, Toronto, Ontario, October 2010.


Greenblatt E. Polycystic ovaries: How best to treat these patients. St Michael’s Hospital Women’s Health Symposium, Toronto, Ontario, February 4, 2011.


Hui D. Arterial and venous Doppler in obstetrics. Fetal Medicine Update, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, 2010.


Hui D. Pre-eclampsia and more. Critical Care Grand Rounds, Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Ontario, 2010.


Jurisicova A. PAHs and female reproduction. Department of Pharmacology, University of Toronto, Toronto, Ontario, Canada. April 2011.

Kingdom J. Heparin and placental complications in pregnancy. Maternal-Fetal Medicine Interhospital Rounds, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, June 3, 2011.


Kingdom J. Doppler US. Maternal-Fetal Medicine Journal Club/Research Rounds, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, November 2010.

Kingdom J. Placental basis in IUGR. Fetal Medicine Update 2010 Course in partnership with University of Toronto, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, October 2010.

Kingdom J, Ryan G, Windrim R. LIVE SCAN: Practical tips for obtaining good Doppler waveforms. Fetal Medicine Update 2010 Course in partnership with University of Toronto, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, October 2010.

Kingdom J, Ryan G, Windrim R. LIVE SCAN: Abnormal Doppler findings. Fetal Medicine Update 2010 Course in partnership with University of Toronto, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, October 2010.


Lausman AY. Presenting IUGR Guidelines from SOGC. University of Toronto Fetal Medicine Update, Toronto, Ontario, October 23, 2010.

Lausman AY. The “other” complications of pregnancy. TEGH CME, TEGH, Toronto, Ontario, November 2, 2010.


Levinsky E. Vulvodynia and superficial dyspareunia. Advances in Female Pelvic Medicine and Reconstructive Pelvic Surgery, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, June 9, 2011.


Maxwell C. Obesity and pregnancy. Sunnybrook Health Sciences Centre Department of Ob/Gyn Grand Rounds, Toronto, Ontario, June 10, 2011.


Maxwell C. Are IBD Patients high risk? An obstetrical viewpoint. Mount Sinai Hospital Update in Inflammatory Bowel Disease, Toronto, Ontario, November 5, 2010.


McDermott C. The role of robotics in pelvic surgery. Invited Lecturer. Mount Sinai Hospital Conference on Advances in Female Pelvic Medicine & Reconstructive Pelvic Surgery, Toronto, Ontario, June 9, 2011.

McDermott C. Sacral neuromodulation and disorders of the pelvic floor. Invited Lecturer. Mount Sinai Hospital, Urogynaecology Division Rounds, Toronto, Ontario, October 20, 2010.

McDermott C. Pelvic anatomy and pop quiz. Speaker. GSPM Teaching Rounds, St. Michael’s Hospital, Department of Obstetrics & Gynaecology, Urogynaecology, Toronto, Ontario, September 13, 2010.


Morton M. How the Surgical Skills Lab can be used to develop expertise among clinical trainees. Invited Lecturer. Mount Sinai Hospital, Weekly Grand Rounds, Toronto, Ontario, January 14, 2011.


Pittini R. An overview of evaluations & student assessment. Invited Speaker. Faculty Orientation, Undergraduate Medical Education. 2011 Mississauga Medical Education Symposium Series Part 2, University of Toronto, Faculty of Medicine, Mississauga, Ontario, May 28, 2011.


Rogers IM. Sources for lineage restricted “pre-/perinatal embryo-derived” stem cells. Hong Kong University and University of Toronto Stem Cell Course, Chestnut Residence, University of Toronto, Toronto, Ontario, Canada. June 20-24, 2011.

Rogers IM. Choosing the right animal model: Direct and Indirect mechanisms of tissue repair. Hong Kong University and University of Toronto Stem Cell Course, Chestnut Residence, University of Toronto, Toronto, Ontario, Canada, March 8, 2011.


Seaward PGR. Chats and Spats: Communication Issues in L&D and Implications for Maternal and Fetal Outcomes. Invited Speaker. University of Toronto and Mount Sinai Hospital, Department of Family Medicine - Refresher in Primary Maternity Care, Toronto, Ontario, May 2011.


Shapiro H. What a Resident needs. Credit Valley Hospital, Toronto, Ontario, May 2, 2011.


Steinberg WM. What are we doing in women’s health that’s exciting? Medcan Clinical Update Annual Lecture Series, Niagara-on-the-Lake, Ontario, October 2, 2010.

Steinberg WM. HRT: Seven years after the WHI – is the pendulum swinging back? Halton Women’s Family Physician Group, Oakville, Ontario, October 26, 2010.


Steinberg WM. Hormonal treatment options for the young to the young at heart. Family Practice Rounds, Toronto, Ontario, November 2, 2010.


Steinberg WM. Controversies in contraception and HPV-related diseases. Family Practice Round Table, Toronto, Ontario, November 11, 2010.

Steinberg WM. Hormonal treatment options for the young to the young at heart. Family Practice Rounds, Toronto, Ontario, November 16, 2010.


Steinberg WM. Hormones: From the young to the young at heart. North York Family Practice Rounds, Toronto, Ontario, November 19, 2010.


Steinberg WM. Menopause: The debate goes on. Grand Rounds, Credit Valley Hospital, Mississauga, Ontario, March 10, 2011.

Steinberg WM. Contraceptive issues of concern. Family Practice Rounds, Richmond Hill, Ontario, March 29, 2011.


Steinberg WM. Update in Contraception: Choices and Challenges. Family Practice Rounds, Joseph Brant Hospital, Burlington, Ontario, June 21, 2011.

Steinberg WM. HRT Update. Grand Rounds, Humber River Hospital, Family Practice Rounds, June 22, 2011.

Steinberg WM. What’s new in menopause treatment since WHI? Family Practice Rounds, Barrie, Ontario, June 30, 2011.


Ternamian A. Hysteroscopic resection. ObGyn Resident Teaching Sessions, Department of Obstetrics & Gynaecology, University of Toronto, Mount Sinai Surgical Skills Lab, Toronto, Ontario, February 10, 2011.

Weisberg F. Gynaecology update. Saturday at the University, University of Toronto, Toronto, Ontario, February 2011.

Whittle W. Intrapartum fetal surveillance. University of Toronto Refresher Course in Primary Maternity Care, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, May 2011.


Windrim R. Update on preterm birth. Toronto East General Hospital, Department of Obstetrics and Gynaecology, Toronto, Ontario, November 2, 2010.


Windrim R. Practical tips for obtaining good Doppler waveforms – LIVE SCAN. University of Toronto, Mount Sinai Hospital, The Delta Chelsea, Toronto, Ontario, October 22-23, 2010.

Windrim R. Abnormal Doppler findings - LIVE SCAN. University of Toronto, Mount Sinai Hospital, The Delta Chelsea, Toronto, October 22-23, 2010.


Wolfman W. Practical management of common menopausal problems. 7th Annual Mature Women’s Health Care. Department of Obstetrics and Gynaecology, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, April 8, 2011.


Wolfman W. The role of testosterone in sexual dysfunction. Invited Lecturer. Endocrine Rounds, Women’s College Hospital, Department of Endocrinology, Toronto, Ontario, March 24, 2011.


Wolfman W. Update on menopause, obstetrics and gynaecology. Invited Lecturer. Toronto East General Hospital, Toronto, Ontario, November 2, 2010.

Wolfman W. Hypoactive sexual dysfunction disorder. Invited Lecturer. Grand Rounds, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, October 29, 2010.

Yudin MH. Perinatal infections: Bugs in the system. Royal Victoria Hospital Annual Perinatal Meeting. Royal Victoria Hospital, Barrie, Ontario, October 20, 2010.

Yudin MH. StORC- The St. Michael’s Obstetrics and Gynaecology Research Committee: Our research program. St. Michael’s Hospital Department of Obstetrics and Gynaecology Grand Rounds. St. Michael's Hospital, Toronto, Ontario, April 29, 2011.


Yudin MH. The impact of HPV and the HPV vaccines. Toronto East General Hospital Obstetrics and Gynaecology Education Day. Toronto East General Hospital, Toronto, Ontario, November 2, 2010.
ORAL AND POSTER PRESENTATIONS

National and International Meetings


Alessandro R, Caniggia I. SNMCL-1 in placental development and pathology. IFPA 2010, Santiago, Chile, October 2010.


Bortolini MAT, Shynlova O, Drutz HP, Lye S, Alarab M. Procollagen C Proteinase and LOX enzymes expression in vaginal tissue of women with and without pelvic organ prolapse. 6th World Congress of Biomechanics, Singapore, August 1-6, 2010.

Bortolini, MA, Shynlova O, Oleksiv N, Drutz HP, Lye S, Alarab M. Procollagen C Proteinase and Lox Enzymes expression in vaginal tissue of women with and without pelvic organ prolapse. Joint Annual Meeting of the International Continence Society (ICS) and International Urogynecological Association (IUGA), Toronto, Ontario, Canada, August 23-27, 2010


Classen CC, Chivers M, Urowitz S, Barbera L, Wiljer D, Ferguson SE. A web-based support group for women sexually distressed due to gynaecologic cancer. Canadian Association of Psychosocial Oncology (Symposium), Toronto, Ontario, Canada, May 2011.

Correa R, Dunnigan S, Panzarella T, Ferguson SE, Murphy J, Mackay H, Bernardini MQ. Comparing overall survival in patients with epithelial ovarian, primary peritoneal or fallopian tube cancer who received chemotherapy alone vs. neoadjuvant chemotherapy followed by delayed primary debulking. 42nd Annual Meeting of the Society of Gynecologic Oncologists, Orlando, Florida, USA, March 2011.


Derzko C, Shapiro M, Jolly E, Yuen CK, Kendler D. Awareness of current guidelines is essential for physicians to play a key role in educating patients about postmenopausal symptom management. Poster. IMS Meeting, Rome, Italy, June 2011.

Derzko C, Shapiro M, Jolly E, Yuen CK, Kendler D. Awareness of current guidelines is essential for physicians to play a key role in educating patients about postmenopausal symptom management. NAMS AGM, Chicago, Illinois, USA, October 6-9, 2010.


Fitzgerald B, Levytska K, Walker M, Baczyk D, Kingdom J, Keating S. Pathology of second trimester pregnancy failure associated with abnormal maternal serum screening. 61st Annual Scientific Meeting of the Canadian Association of Pathologists held jointly with the Association des pathologistes du Quebec, Montreal, Quebec, Canada, July 10-14, 2010. 2010 Jul 10

Local


Gien LT, Kupets R, Covens A. Safety of same-day discharge after radical laparoscopic surgery in gynaecologic oncology. 39th AAGL Global Congress of Minimally Invasive Gynecology, Las Vegas, Nevada, November 2010.


Kroft J, Lee P. How does the obstetrics and gynaecology resident training in hysterectomy compare between Canada and the United States?”. Society of Obstetricians and Gynaecologists of Canada Annual Clinical Meeting, Vancouver, British Columbia, Canada, June 2011.


Li W, Challis JRG, Bocking AD. Secretion of matrix metalloproteinase-1,-3 and -9 (MMP-1, MMP-3 and MMP-9) from cultured human term decidual cells: The role of Toll-like receptors (TLRs). Society for Gynecologic Investigation Meeting, Miami Beach, Florida, USA, March 2011.

Li W, Yang SW, Challis JRG, Bocking AD. The role of Toll-like receptors in secretion of cytokine/chemokine from human primary cultured decidual cells. Society for Gynecologic Investigation Meeting, Miami Beach, Florida, USA, March 2011.


Menard S, Diambomba Y, Serm M, McGeer A. Impact of C-Section prophylaxis on neonatal sepsis. Canadian Pediatric Society Conference, Quebec City, Quebec, Canada, June 2011.


**Mitwally MF,** Abuzeid Y, Salem W, Ashraf M, Diamond MP, Abuzeid MI. Outcome of assisted reproduction in women with PCOD: A prospective cohort clinical trial. IFFS World Congress, Munich, Germany September 2010

**Mitwally MF.** Diamond MP, Abuzeid MI. Controlled ovarian hyperstimulation with long protocol of GnRH antagonist improves outcome of assisted reproduction in women with PCOS. Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Rome, Italy, July 2010.

Moore S, **Murphy K,** De Souza L, McGeer A, **Yudin MH.** Knowledge about H1N1 influenza and the vaccine impacts vaccination uptake among pregnant women. Society for Maternal-Fetal Medicine (SMFM) 31st Annual Scientific Meeting, San Francisco, California, USA, February 7-12, 2011.

Moore S, **Murphy K,** De Souza L, McGeer A, **Yudin MH.** Provider counselling on seasonal and H1N1 influenza impacts knowledge and vaccination uptake among pregnant women. Society of Obstetricians and Gynaecologists of Canada (SOGC) 67th Annual Meeting, Vancouver, British Columbia, Canada, June 21-25, 2011.


Randall AS, Demsky R, Millar K, Matheson B, Garland S, Pagnielo T, Ma C, Murphy KJ, Rosen B. The use of mailed family history questionnaires: Should we contact patients that don’t respond? The National Society of Genetic Counsellors, Atlanta, Georgia, United States, November 2010.


Rogers IM. The role of trogocytosis in bone marrow transplantation. American Society for Hematology, Orlando, Florida, United States, December 4-7, 2010.


**Rosen B.** Teaching cervical cancer surgery in low or middle resource countries. IGCS 13th Biennial Meeting of The International Gynecologic Cancer Society, Prague, Czech Republic, October 26, 2010.

**Ryan E,** Blanco Mejia S, Maroleanu M, Moruzanu M, **Claessens EA.** An analysis of the effects of exogenous androgen administration on fertility rates in different age groups and with different adjunctive treatments. CFAS Annual Meeting, Vancouver, British Columbia, Canada, September 30, 2010.

Sabra S, Shynlova O, **Lye S.** Immunophenotyping of maternal peripheral blood detects activated leukocyte subpopulations associated with preterm labor. 58th Annual Meeting of the Society for Gynecologic Investigation, Miami Beach, Florida, USA, March 2011.

Schrey S, **Yinon Y,** Kelly E, Langer J, **Windrim R,** Seaward G, **Ryan G.** Fetal pleuroamniotic shunting for macrocystic lung lesions. SMFM 31st Annual Meeting, San Francisco, California, USA, February 7-12, 2011.

**Sermer M.** Dietary fat and carbohydrate intake during early pregnancy and risk of gestational diabetes. The Society for Pediatric and Perinatal Epidemiologic Research, Montreal, Quebec, Canada, June 2011.

Shah V, Chung BHY, Hinek A, **Chitayat D.** Overgrowth with increased proliferation of fibroblast and matrix metalloproteinase activity related to reduced TIMP1: A new syndrome? Poster. 60th Annual Meeting, American Society of Human Genetics, Washington, DC, USA, November 2-6, 2010.


Shore EM, **Yudin MH.** Appropriateness of antibiotic choice for GBS prophylaxis in labor based on sensitivity testing. Infectious Diseases Society for Obstetrics and Gynecology (IDSOG), Annual Scientific Meeting. Santa Fe, New Mexico, USA, August 5-7, 2010.


Sivasubramaniyam T, Caniggia I. A novel role for par6 in trophoblast cell fate. IFPA 2010, Santiago, Chile, October 2010.


28th Annual
RESEARCH DAY

FRIDAY, MAY 6, 2011
8:00 a.m. – 6:30 p.m.
Hart House, University of Toronto
7 Hart House Circle, M5S 3H3

HENDERSON LECTURE: 4:30 p.m. – 5:30 p.m.
“Separating the Wheat from the Chaff: The Paradigm of Human Papillomavirus (HPV) and Cervical Cancer.”
Dr. Philip Castle
Executive Director of the American Society of Clinical Pathology (ASCP) Institute

WINE & CHEESE RECEPTION: 5:30 – 6:30 P.M.
Research Day, May 6, 2011

The Department of Obstetrics & Gynaecology 28th Annual Research Day took place Friday, May 6, 2011 at Hart House in the University of Toronto. There were 14 oral and 61 poster presentations by trainees from the Department, covering a range of excellent research, both basic and clinical. There was also an excellent Henderson Lecture, delivered by Dr. Philip Castle, on the topic, “Separating the Wheat from the Chaff: The Paradigm of Human Papillomavirus (HPV) and Cervical Cancer”. 
Oral Presentations

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

O1 Management of Abnormal Cervical Cytology Screening in Adolescents and Young Women: A Descriptive Analysis
Geneviève Bouchard-Fortier[R](1), Lawrence Paszat(2), Joan Murphy(1,3).
(1) Department of Obstetrics & Gynaecology, University of Toronto (2) Senior scientist ICES, Associate Professor HPME and Dalla Lana School of Public Health, University of Toronto (3) Department of Gynecologic Oncology, Princess Margaret Hospital.

O2 Prevalence Of Renal Anomalies In Women With Mullerian Duct Anomalies Diagnosed By 3d Sonohysterography
Beth Gunn[R](1), Alex Hartman(2), Joel RK Moody(3), Heather Shapiro(1).
(1)Centre for Fertility and Reproductive Health, Department of Obstetrics & Gynecology, Mount Sinai Hospital, (2)True North Imaging, (3)Prosserman Centre for Health Research, Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

O3 The Effect of Lactobacillus Rhamnosus Gr-1 on Amnion Cytokine and Chemokine Production
Rebecca Koscik [G](1,2), Wei Li (2), Andrew Martins (3), Sun O Kim (3), Gregor Reid (3), John RG Challis (1), Alan D Bocking (1,2).
(1) Departments of Physiology and Obstetrics and Gynecology, University of Toronto, (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Department of Microbiology and Immunology, Siebens-Drake Research Center, and the Canadian Research and Development Center for Probiotics, University of Western Ontario

O4 The Role of Peroxisome Proliferator Activated Receptor Gamma in Normal Rodent Pregnancy and an Animal Model of Preeclampsia.
Fergus P McCarthy [PD](1,2), Sascha Drewlo (1), Dora Baczyk (1), John Kingdom (1), Edward J Johns (2), Sarah K Walsh (2), Louise C Kenny (2)
(1) Samuel Lunenfeld Research Institute & Department of Obstetrics and Gynaecology, Mount Sinai Hospital, University of Toronto, (2) Department of Obstetrics and Gynaecology & Anu Research Centre, University College Cork, Cork, Ireland.

O5 Body Mass Index (BMI) Effect on Induction of Labor (IOL) Outcome
Shay Porat[F], Cynthia Maxwell, Mathew Sermer, Dan Farine
Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto.

O6 Long-Term Self-Renewal of Human Embryonic Stem Cells on Human Embryonic Fibroblasts in Animal-Free Culture Conditions
Mark Kibschull[PD](1), Maria Mileikovsky(2), Iacovos Michael(1), Andras Nagy(1,2), Stephen Lye(1,3,4)
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Departments of (2) Molecular Genetics, (3) Physiology, (4) Obstetrics and Gynecology, University of Toronto.
07 Amphetamine Exposure and Birth Outcomes: A Systematic Review and Meta-Analyses
Noor Niyar N. Ladhani[1], Prakesh S. Shah(2), Kellie Murphy(3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Paediatrics, Mount Sinai Hospital, Departments of Obstetrics and Gynaecology and Paediatrics, University of Toronto, Department of Health Policy, Management and Evaluation, University of Toronto; (3) Department of Obstetrics and Gynaecology, Mount Sinai Hospital.

08 Endometrial Cancer and Meat Consumption: A Case Cohort Study
Luc van Lonkhuijzen [F](1,2), Victoria A. Kirsh (2,3), Nancy Kreiger (2,3), and Thomas E. Rohan (4)
(1) Department of Gynecologic Oncology, University of Toronto (2) Dalla Lana School of Public Health, University of Toronto (3) Population Studies and Surveillance, Cancer Care Ontario (4) Department of Epidemiology and Population Health, Albert Einstein College of Medicine, Bronx, New York, U.S.

09 Transcriptomic and Proteomic Analysis of Uterine Fluid Aspirates: A Minimally Invasive Approach to Determining Markers of Human Endometrial Receptivity
Crystal Chan[G][F](1,2), Carl Virtanen(3), Neil Winegarden(3), Terence Colgan(4), Theodore Brown(1,2), Ellen Greenblatt(1).
(1) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Microarray Centre, University Health Network, (4) Department of Laboratory Medicine and Pathobiology, Mount Sinai Hospital.

010 The Dynamic Life of Par6: A Team Effort
Tharini Sivasubramaniyam [G](2,3), Julia Garcia (3), Andrea Tagliaferro (3), Isabella Caniggia (1,2,3).
(1) Departments of Obstetrics & Gynaecology and (2) Physiology, University of Toronto; (3) SLRI, Mount Sinai Hospital.

011 Three Dimensional Image Analysis of the Centromere of Chromosome 17 in Human Spermatozoa
Naazish Alladin [O](1,2), Ayub Lulat(1), Sergey Moskovtsev(1,3); Clifford Librach(1,3, 4).
(1) CReATE Fertility Center; (2) Department of Biomedical Sciences, Eastern Virginia Medical School; (3) Department of Obstetrics & Gynaecology, University of Toronto; (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre.

012 Vascular Limb Occlusion in Severe Twin-To-Twin Transfusion Syndrome (TTTS)
Susanne Schrey [F](1), Fawaz Alkazaleh (1), Kurt Hecher (2), Ruben Quintero (3), Kenneth Moise (4), John Allbert (5), Agnes Huber (2), Carol Schneider (6), Gareth Seaward (1), Ian Suchet (7), Rory Windrim (1), Greg Ryan (1).
(1) Mount Sinai Hospital, Toronto, Ontario (2), University Clinic Eppendorf, Hamburg, (3) Florida Institute for Fetal Diagnosis and Therapy, Tampa, Florida (4) University of North Carolina at Chapel Hill, Obstetrics/Gynecology, Chapel Hill, North Carolina (5) Carolinas Medical Center, Charlotte, North Carolina (6) University of Manitoba, Winnipeg, (7) Regina General Hospital, Regina, Saskatchewan.
**O13 Murine Placental System A Expression: Development and Effects of Synthetic Glucocorticoid Treatment**


Departments of (1)Physiology, (2)Obs/Gyn and (3)Medicine, University of Toronto; (4)Michael Smith Foundation for Health Research, Vancouver, BC;(5)Maternal and Fetal Heath Research Centre, School of Biomedicine, University of Manchester, UK.

**O14 Sex-Specific Basis of Severe Placental Dysfunction**


(1)Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2)Department of Pathology & Laboratory Medicine, Mount Sinai Hospital, Toronto.
Poster Presentations

P-A1 Characterization of Pro-Apoptotic Mcl-1 Isoforms in the Regulation of Cell Death  
Jessica Ebrahimi[M](1), Manpreet Kalkata(3), Julia Garcia(1), Isabella Caniggia(1,2,3)  
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Department of Obstetrics and Gynaecology, (3) Department of Physiology, University of Toronto.

P-A2 Developmental Basis of Placental Infarction  
Christopher Franco[M](1), Melissa Walker(1,2), Julie Robertson(1,2), Brendan Fitzgerald(1,3), Sarah Keating(1,3), Anne McLeod(1,4), John Kingdom(1,2).  
(1) University of Toronto, Faculty of Medicine, (2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (3) Department of Pathology & Laboratory Medicine, Mount Sinai Hospital, (4) Department of Medicine, Sunnybrook Health Sciences Centre.

P-A3 Characterization and Regulation of Acid Ceramidase and Sphingomyelinase in Normal and Pathological Human Placenta  
Megan Melland-Smith[G](1,2,3), Rashef Tal and Isabella Caniggia(1,2,3)  
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Departments of (2) Physiology and (3) Obstetrics and Gynaecology, University of Toronto.

P-A4 Characterization of Mechanisms of Sflt-1 Anti-Angiogenic Function in Preeclampsia  
Dennis K. Lee [PD](1), Isabella Caniggia(3,4), Ori Nevo(1,2).  
(1) Department of Obstetrics and Gynecology, Sunnybrook Health Sciences Centre, (2) Department of Obstetrics and Gynecology, University of Toronto (3) Department of Physiology, University of Toronto and (4) the Samuel Lunenfeld Research Institute, Mount Sinai Hospital.

P-A5 The Role of Decidual Neutrophils in Mouse Angiogenesis (Work-in-Progress)  
Melissa Kwan [G](1,2), Hagai Amsalem (3), Caroline Dunk (2), Stephen Lye (1,2,4).  
(1) Department of Physiology, Faculty of Medicine, University of Toronto, (2) Research Centre for Women’s and Infants’ Health, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3) Hadassah School of Medicine, Hebrew University, Jerusalem, Israel, (4) Department of Obstetrics and Gynecology, Faculty of Medicine, University of Toronto.
P-A6  *Expression of Pro- and Anti-Angiogenic Isoforms of VEGFA in the Placenta and Maternal Organs during Pregnancy in Mice*  
Abhijeet Minhas [G](1,2,4), Shannon Bainbridge (3), Dawei Qu (1), Hoon-Ki Sung (1), Andras Nagy (1), S Lee Adamson (1,2,4).  
(1) Samuel Lunenfeld Research Institute, (2) Mount Sinai Hospital; Department of Obstetrics & Gynecology, University of Toronto; (3) Interdisciplinary School of Health Sciences, University of Ottawa; (4) Department of Physiology at the University of Toronto.

P-B1  *Identifying Pathways Involved in Oocyte Fate via Regulation of Mcl-1*  
Shakib Omari [G](1), Andrea Jurisicova(1,2).  
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital

P-B2  *Human Menopausal Gonadotropin (hMG) vs. Recombinant Follicle Stimulating Hormone (Rfsh) for Ovarian Stimulation in Pcos Patients Undergoing IVF*  
Stephanie Grover [O], Prati A Sharma, Agata Sojecki, Hanna Balakier, Clifford Librach.  
CReATe Fertility Centre, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Women’s College and Sunnybrook Health Sciences Centre, University of Toronto.

P-B3  *Using Nimodipine, a Calcium Channel Blocker, to Delay a Spontaneous LH Surge in Women with Regular Menstrual Cycles*  
Dan Nayot [R](1), Shany Klachook [O] (2), Robert F Casper (1,2).  
(1) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, University of Toronto. (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, University of Toronto.
P-B4  Serum and Follicular Fluid Complement Cascade Factors during Stimulated Cycles in Patients with PCOS
Shlomit Kenigsberg[O](1), Shir Dar(1), Leila Maghen(1), Stephanie Grover(1), Clifford Librach(1, 2, 3).
(1)CReATE Fertility Centre; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre.

P-B5  Regulation of Autophagy by Nlrp5 in Preimplantation Embryos. (Work-in-Progress)
Taline Naranian[G](1), Ala Perumalsamy(1), Russanthy Velumailum(1), Tong ZhiBin(3), Igor Jurisica(4), Lawrence Nelson(3), Andrea Jurisicova(1,2). (1)Samuel Lunenfeld Research Institute, Obstetrics and Gynecology, Mount Sinai Hospital (2)Department of Physiology, Mount Sinai Hospital, University of Toronto, (3)Developmental Endocrinology Branch, National Institutes of Child Health and Human Development, National Institutes of Health, (4) Ontario Cancer Institute, Princess Margaret Hospital.

Agata Sojecki[O](1), Shir Dar(1), Clifford L Librach(1,2,3)
(1)CReATE Fertility Center; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.

P-C1  Caesarean Section in the Second Stage
Kalpana Singh Sharma [R], Rory Windrim, John Kingdom
Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital

P-C2  Does Surgical “Warming-Up” Improve Operative Performance?
Jamie Kroft [F] (1), Rebecca Arthur (2), Richard Pittini (1) (1) Department of Obstetrics and Gynecology, Sunnybrook Health Sciences Centre (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Mount Sinai Hospital

P-C3  A Novel Approach to the Surgical Management of Clitoral Phimosis
Jamie Kroft [F], Michael Shier
Department of Obstetrics and Gynecology, Sunnybrook Health Sciences Centre

P-C4  The Laparoscopic Myomectomy: An Eight-Year Experience at a Canadian Hospital with an Advanced Laparoscopy Training Program
Lindsay Shirreff [R](1), Grace Liu (2), Toni Burbidge (3), Rose Kung (2), Herbert Wong (2), Kay Lie (2).
(1)Department of Obstetrics & Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre, (3) University of Toronto.
P-C5  Postgraduate Laparoscopic Skills Acquisition with Home-Based Laparoscopic Trainers – Is Peer Learning or Top-Down Teaching the Best Approach?  
*Crystal Chan* [R, G](1,2), *Shawn Chua*(2), *Cheryl Madeira* (3), *Heather Shapiro*(1).  
(1)Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (2)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (3)Ontario Institute for Studies in Education, University of Toronto.

P-C6  Knowledge about H1N1 Influenza and the Vaccine Impacts Vaccination Uptake among Pregnant Women  
(1) Department of Obstetrics & Gynaecology, University of Toronto (2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (3) Department of Obstetrics & Gynaecology, St. Michael’s Hospital, (4) Department of Microbiology, Mount Sinai Hospital

P-D1  Negative Modulation of TGF-β Signaling in Ovarian Cancer Cells: A Role for Androgen and Veph1 (Work-in-Progress).  
*Premalatha Shathasivam* [G](1,2,3), *A. Kollara*(1,3), *J. Wrana*(1,4), and *T. J. Brown*(1,2,3).  
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; Departments of (2) Physiology, (3) Obstetrics and Gynaecology, (4) Medical Genetics and Microbiology, University of Toronto.

P-D2  Sustained Ovulation-Associated Inflammatory Signalling in Fallopian Tube Epithelium as a Predisposing Factor of Serous Carcinoma.  

P-D3  Characterization of Bovine Oviductal Epithelial Cells in Culture and Response to Follicular Fluid Exposure (Work-in-Progress)  
*Angela Lau* [G](1-3), *Alexandra Kollara* (1,2), *Alicia Tone* (1,2), *Ellen M Greenblatt* (1,2), *W Allan King* (4), *Theodore J Brown* (1-3).  
(1) Samuel Lunenfeld Institute, Mount Sinai Hospital, (2) Department of Obstetrics and Gynecology, and (3) Department of Physiology, University of Toronto, and the (4) Department of Biomedical Science, University of Guelph Veterinary School.
P-D4  Confirmatory Factor Analysis of The Sexual Adjustment and Body Image Scale in Women with a Diagnosis of Gynaecologic Cancer
Marie Wegener [M](1), Sara Urowitz (2), Sarah E. Ferguson(1).
(1)Department of Gynecologic Oncology, Princess Margaret Hospital,
(2)Department of Psychiatry, Princess Margaret Hospital.

P-D5  Visual Inspection with Acetic Acid (VIA) in Rural Zimbabwe: Analysis of the Implementation of Cervical Cancer Screening
Beth Cruickshank[R] (1), Barry Rosen(2), Paul Thistle(3).
(1)University of Toronto, Department of Obstetrics & Gynaecology (2) Gynaecology Oncology, Department of Obstetrics & Gynaecology (3) University of Zimbabwe, Department of Obstetrics & Gynaecology.

P-E1  Expression of Genes Regulating the Smooth Muscle Contraction in the Vaginal Tissue of Women with and without Pelvic Organ Prolapse
Maria Bortolini (1-4), Oksana Shynlova (1), Nadiya Oleksiv [O](1), Harold Drutz, MD(2,4), Stephen Lye (1,2,3), May Alarab (1,4).
(1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2)Obstetrics and Gynaecology; (3)Physiology and (4)Urogynaecology, Mount Sinai Hospital, University of Toronto.

P-E2  Pelvic Floor Dysfunction after an Anal Sphincter Tear during Childbirth
David Baud[F](1), Sylvain Meyer (1), Yvan Vial (1), Patrick Hohlfeld (1), Chahin Achtari (1)
(1) Department of Obstetrics and Gynaecology, Lausanne, Switzerland

P-E3  A Randomized Trial of the Uresta Continence Device: Short Term Uresta Efficacy Study (“Sure” Study) (Work-in-Progress)
Carolyn Best [F](1), Phaedra Diamond [F](1), May Alarab(1), Harold P. Drutz (1), Danny Lovatsis (1).
(1) Urogynaecology Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital

P-E4  The Prevalence of Detrusor Overactivity amongst Patients with Symptoms of Overactive Bladder: A Retrospective Cohort Study.
Phaedra Diamond[F](1), Seham Hassonah[F](1), Harold Drutz(1).
(1)Urogynaecology Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital

P-E5  Rate of Stress Urinary Incontinence in the Six Month Follow-Up in Patients Who Underwent Laparoscopic Sacrocolpopexy Surgery without Preoperative Symptoms or Diagnosis of Occult Stress Urinary Incontinence, and No Concomitant SUI Surgery. (Work-in-Progress)
Noushin Khoshbakht [R], Danny Lovatsis
Division of Urogynaecology, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.
P-E6  Predictors of Length of Hospital Stay after Vaginal Hysterectomy
Mara Sobel [R], Stacey Grossman, Patricia Lee
Department of Obstetrics & Gynaecology, Division of Urogynaecology, Sunnybrook Hospital, Toronto, Ontario

P-F1  Does First Trimester Crown-Rump Length Predict Term Birthweight?
Rinat Hackmon(F)(1, 2), Cliff Librach(3) Ilan Matok(4), Ian Cho(5), Nicole Rodrigues(5), Stephanie Grover(3), Joel Ray(1), Howard Berger(1)
(1)High-Risk Pregnancy Division, Department of Obstetrics & Gynaecology, St Michael’s Hospital, (2)Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital, (3) Departments of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women's College Hospital, University of Toronto, (4) Division of Clinical Pharmacology and Toxicology, Hospital for Sick Children, (5) Faculty of Arts and Science, University of Toronto

P-F2  A Descriptive Analysis of a Large Cohort of HIV-Positive Pregnant Women at One Canadian Urban Hospital
Daniela Caprara [R](1), Rajiv Shah (2), Jay MacGillivray (2), Mark H. Yudin (2).
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Obstetrics and Gynaecology, St.Michael’s Hospital.

P-F3  Duration of Rupture of Membranes and Risk of Fetal Transmission of HIV in Optimally Managed HIV Positive Mothers: Experience at Two Academic Centres.
Siobhan Mark [R](1), Kellie Murphy(2), Stan Read(3), Ari Bitnun(3), Mark Yudin (4).
(1) University of Toronto, Department of Obstetrics and Gynaecology, (2)Maternal-Fetal Medicine Division, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, (3)Division of Infectious Disease, The Hospital for Sick Children, (4)Department of Obstetrics and Gynaecology, St.Michael’s Hospital.

P-F4  Characteristics and Surgical Success in Patients Presenting for Repair of Obstetric Fistula in Western Kenya: A Retrospective Case Series
Lesley Hawkins [M] (1), Rachel Spitzer (2), Astrid Christoffersen-Deb (2,3) and Hillary Mabeya (3). (1) Faculty of Medicine and (2) Department of Obstetrics and Gynaecology, University of Toronto, Ontario, Canada; (3) Department of Reproductive Health, Moi University, Eldoret, Kenya

P-F5  Acceptability and Feasibility of Point of Care HIV Testing on the Labour and Delivery Unit during Early Labour
Salikah Iqbal, [R] (1) Mark Yudin (2), Leanne De Souza (3)
(1)University of Toronto, (2) St Michael’s Hospital, Obstetrics, Gynaecology and Reproductive Infectious Disease
P-G1 Pathologic Basis of Echogenic Cystic Lesions in the Human Placenta: Role of Ultrasound-Guided Wire Localization
Leslie K Proctor[M] (1), WL Whittle (2), S Keating (3), S Viero (3), JCP Kingdom (2)
(1) Faculty of Medicine, (2) Maternal-Fetal Medicine Division, Department of Obstetrics & Gynecology, Mount Sinai Hospital, (3) Laboratory Medicine and Pathobiology, Mount Sinai Hospital, University of Toronto.

P-G2 Pro-Inflammatory Cytokines Inhibit Multidrug Resistance in the Developing Blood-Brain Barrier
Majid Iqbal[G](1), Hay Lam Ho(1), William Gibb (4,5), Stephen G. Matthews (1,2,3).
Departments of (1)Physiology, (2)Obstetrics and Gynaecology, and (3)Medicine, Faculty of Medicine, University of Toronto. Department of (4)Obstetrics and Gynaecology and (5)Cellular and Molecular Medicine, University of Ottawa.

P-G3 Role of Placental VEGFA in Maternal Function during Pregnancy
Han Li[G](1)(2)(3), Dawei Qu(1), Hoonki Sung(1), Andras Nagy(1)(4), S Lee Adamson, (1)(2)(3).
(1)Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (2)Physiology, University of Toronto; (3)Obstetrics and Gynecology, University of Toronto and (4)Molecular Genetics, University of Toronto.

P-G4 Selective Serotonin Reuptake Inhibitors (SSRIs) Modify Drug Resistance in the Placenta and at the Fetal Blood-Brain Barrier
Manzerul Bhuiyan[G](1), Sophie Petropoulos(1), William Gibb(4, 5), Stephen Matthews(1, 2, 3).
(1)Departments of Physiology, (2)Obstetrics and Gynaecology, and (3)Medicine, University of Toronto, (4)Departments of Obstetrics and Gynaecology, and (5)Cellular and Molecular Medicine, University of Ottawa, Ottawa.

P-G5 Pregnancy Outcomes in Women with Elevated Levels of Fetal Hemoglobin
Ally Murji [R](1), Mara Sobel(1), Lara Hasan(1), Anne McLeod(2), John Waye(3), Mathew Sermer(4), Howard Berger(5)
(1)Department of Obstetrics & Gynaecology, University of Toronto; (2)Department of Hematology, Mount Sinai Hospital; (3)Molecular Diagnostic Genetics, Hamilton Health Sciences, McMaster University; (4) Maternal-Fetal Medicine Division, Department of Obstetrics & Gynecology, Mount Sinai Hospital and (5) St Michael’s Hospital.

P-H1 Mechanical Stretch Induces the Release of Pro-Inflammatory Cytokines in Human Myometrial Smooth Muscle Cells.
Yu-Hui Lee[G](1), Oksana Shynolvva(3), Stephen Lye(1,2,3).
Departments of (1)Physiology and (2)Obstetrics and Gynaecology, University of Toronto; (3)Samuel Lunenfeld Research Institute, Mount Sinai Hospital.
P-H2 Characterization of Myometrial Cytokine Expression and Leukocyte Infiltration during Term and Preterm Labour
Tamara Nedd-Roderique[G](1,2), Oksana Shynlova(1), Anna Dorogin(1) and Stephen Lye(1,2,3) (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital; (2) Departments of Physiology, and (3) Obstetrics & Gynaecology, University of Toronto.

P-H3 A Cytokine Signature Associated with the Onset of Term and Preterm Labour
Oksana Shynlova [O](1), Sally Sabra (1,3), Stephen Lye(1,2,3) (1) Samuel Lunenfeld Res Institute, Mt Sinai Hospital, (2) Departments of Physiology, and (3) Obstetrics/ Gynecology, University of Toronto

Sally Sabra [F](1,2,4), Oksana Shynlova (1), Stephen Lye (1,2,3), (1) Samuel Lunenfeld Res Inst, Mt Sinai Hospital, Department (2) of Ob/Gyn; (3) Physiology and (4) IMS, University of Toronto

P-H5 The Modulation of Androgen Signaling by Steroid Hormones and Mechanical Stretch: A Novel Pathway of Labour Initiation
Yunqing Li[G](1, 2), Oksana Shynlova(1), Xuesen Dong(4), Stephen J Lye(1,2,3) (1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, (2) Department of Physiology, University of Toronto, (3) Department of Obs&Gyn, University of Toronto and (4) Prostate Center, University of British Columbia.

P-H6 Preterm Premature Rupture of Membranes: What is the Effect of Latency on Neonatal Outcome? (Work-in-Progress)
Julia Kfouri [R](1), Wendy Whittle (2), Shoo Lee (3), Matthew Laskin (4) (1)University of Toronto, (2)Department of Obstetrics and Gynaecology, University of Toronto, (3)Department of Pediatrics, Mount Sinai Hospital, (4)University of Toronto

P-I1 Don’t Throw that Umbilical Cord Away!!: Umbilical Cord Blood Stem Cells in Regenerative Medicine
Shawn Chua [PD], Jennifer Whiteley, Mira Li, Ryszard Bielecki, Ian Rogers. Maternal-Fetal Medicine Division, Department of Obstetrics & Gynaecology, Mount Sinai Hospital

P-I2 Characterization of First-Term Human Umbilical Cord-Derived Perivascular Stem Cells
Seok-Ho Hong*(1), Anouk-Martine Teichert*[O](1), Andree Gauthier-Fisher(1), Shlomit Kenigsberg(1), Clifford L. Librach(1,2) (1) CReATe Fertility Centre, Toronto ON Canada , (2) Department of Obstetrics and Gynaecology, University of Toronto, Division of Reproductive Endocrinology and Infertility, Departments of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre and Women’s College Hospital.
P-13  Effect of Sperm DNA Damage on the Functional Ability of Spermatozoa to Penetrate Cervical Mucus
Saajida Bhorat [O](1,2); Naazish Alladin (1, 3), German Videna (1), Ayub Lulat (1), Clifford L. Librach (1, 4, 5); Sergey I. Moskovtsev (1, 5).
(1) CReAte Fertility Center, Toronto, Ontario; (2) Department of Biochemistry, University of Waterloo; (3) Department of Biomedical Sciences, Eastern Virginia Medical School; (4) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre; (5) Department of Obstetrics & Gynaecology, University of Toronto.

P-14  Expression of a Sperm-Originated Oocyte Activating Factor in Ejaculates of Men Undergoing Fertility Evaluation
Mahmoud Aarabi [O](1); Naazish Alladin (2, 3); Sergey I. Moskovtsev (2, 4); Shlomit Kenigsberg (2); Richard J. Oko (1); Clifford L. Librach (2, 4, 5).
(1) Research Group for Reproduction, Development and Sexual Function, Queen’s University; (2) CReAte Fertility Center; (3) Department of Biomedical Sciences, Eastern Virginia Medical School; (4) Department of Obstetrics & Gynaecology, University of Toronto; (5) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Sunnybrook Health Sciences Centre.

P-15  Starvation-Induced Autophagy in Murine Oocytes
Tetyana Yavorska [G](1,2), Andrea Jurisicova (1,2,3).
(1) Department of Physiology, University of Toronto, Canada, (2) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Canada, (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, University of Toronto.

P-16  Is There a Correlation Between Sperm DNA Damage (DFI) and a Sperm Kinetic Index (MPI), and Do These Tests Predict Pregnancy Outcome in Couples Undergoing Intrauterine Insemination (IUI)?
Shir Dar [F](1), Naazish Alladin(1), Stephanie Grover, Sergey I. Moskovtsev(1,2), Clifford L Librach(1, 3)
(1) CReAte Fertility Center; (2) Department of Obstetrics & Gynaecology, University of Toronto; (3) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Sunnybrook Health Sciences Centre.
P-J1 Termination of Pregnancy for Fetal Anomalies (Work-in-Progress)
Jing Qin[R](1), Michèle Farrugia(2), Elyse Lackie(3).
(1) Department of Obstetrics and Gynaecology, University of Toronto,
(2) Department of Obstetrics & Gynaecology, Mount Sinai Hospital,
(3) Department of Obstetrics & Gynaecology, North York General Hospital.

P-J2 Conservative Management of Cervical Ectopic Pregnancy
Kimberley Garbedian [F], Barbara Cruickshank
Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Mount Sinai Hospital.

P-J3 Moved to E6

P-J4 Fertility Treatment Decision-Making: The Effect of Insurance Coverage for Fertility Medications
Claire Jones[R](1), Kimberly Liu(2).
(1) Obstetrics and Gynaecology, University of Toronto, (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynaecology, Mount Sinai Hospital

P-J5 Utilization of Molecular Testing to Determine the Optimal Sampling Strategy for the Detection of Urogenital C. Trachomatis and N. Gonorrhoeae in Adolescent Females
Tania Dumont[F](1), Kaede Ota(2), Susan Richardson(3), Erin Barlow(4), Trisha Tulloch(5), Catherine Maser(6), Debra Katzman(6), Yvonne Yau(3), Lisa Allen(4)
Hospital for Sick Children; (2) Children’s Hospital of Philadelphia, Philadelphia, Pennsylvania; (3) Division of Microbiology, Hospital for Sick Children; (4) Section of Gynaecology, Division of Endocrinology, Hospital for Sick Children; (5) Adolescent Medicine, Hospital for Sick Children; (6) Division of Adolescent Medicine, Hospital for Sick Children.

P-J6 Cultural Barriers to Fertility Treatment in the Toronto Chinese Community
Ingrid Lai[M](1), Samantha Yee(2,3), and Ellen Greenblatt(3)
(1) Faculty of Medicine, University of Toronto; (2) Faculty of Social Work, University of Toronto; (3) Centre for Fertility and Reproductive Health.
P-K1  Chronic Maternal Adversity Modifies Activity and Attention Behaviours in Juvenile Guinea Pig Offspring: Dopaminergic Modulation
*Jeff Emack(G)(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-K2  Effects of Prenatal Synthetic Glucocorticoid Treatment on Locomotor Activity and Attention
*Vasilis Moisiadis[G](1), Alisa Kostaki(1), Stephen G. Matthews(1,2,3).*
(1) Departments of Physiology, (2) Obstetrics and Gynaecology and (3) Medicine, Faculty of Medicine, University of Toronto.

P-K3  Serum HCG as a Predictor of Pregnancy Outcome in IVF and ICSI Cycles
*Dora Chan [R](1), Ellen Greenblatt (2).*
(1) Department of Obstetrics & Gynaecology, University of Toronto, (2) Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynaecology, Mount Sinai Hospital.

P-K4  The Role of Cephalocentesis in the Management of the Severely Hydrocephalic Fetus
*Erica Howse (F)(1), TG Teoh (3), E Kelly (1), D Chitayat (1), PJ McParland (2), G Ryan(1).*
(1) Department of Obstetrics and Gynaecology, Division of Maternal Fetal Medicine – Fetal Medicine Unit, Mount Sinai Hospital; University of Toronto; (2) Department of Fetal Medicine, National Maternity Hospital, Dublin, Ireland; (3) Department of Obstetrics and Gynaecology, St. Mary’s Hospital, London, UK.

P-K5  Antenatal Dietary Restriction Impairs Fetal Metabolism and is Improved by a Diet Enriched in Omega-3 Fatty Acids
*Lauren A Chun[G](1,2), Stephen Lye(1,2,3).*
(1) Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Departments of (2) Physiology and (3) Obstetrics & Gynaecology, University of Toronto.
Research Day Awards

The 2011 JW Knox Ritchie Research Awards for best abstract/presentation by trainee category were awarded during the celebratory wine and cheese reception at the end of the day. I am pleased to announce the following winners:

**Clinical Fellow:** A tie!


AND


**Resident:** Daniela Caprara (Supervisor: Mark Yudin) for Poster Presentation F2, A Descriptive Analysis of a Large Cohort of HIV-Positive Pregnant Women at One Canadian Urban Hospital. Daniela Caprara, Rajiv Shah, Jay MacGillivray, Mark H. Yudin.


**Medical Student:** Ingrid Lai (Supervisor: Ellen Greenblatt) for Poster Presentation J6, Cultural Barriers to Fertility Treatment in the Toronto Chinese Community. Ingrid Lai, Samantha Yee, Ellen Greenblatt.

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

PI=Principal Investigator; CI=Co-Investigator

**Adamson SL (PI).** Cardiovascular phenotyping in embryonic and newborn mice. CIHR, Equipment and Maintenance Program, $122,109 ($81,984 per annum Equipment + $8,025 per annum Operating), October 2005 – September 2010.


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

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

**Alarab M (PI).** Expression of modulators of collagen and elastin remodeling in vaginal tissue of premenopausal women with severe pelvic organ prolapse, Physicians’ Services Incorporated Foundation, $ 28,600, December 2009 – December 2010.


Amsalem H, Kingdom J. Decidual neutrophils a novel finding: Their role in second trimester placentation. Physicians’ Services Incorporated, Resident Research Grant. $ 15,000, 2009-2010.


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), Ornstein M (Site Coordinator), Zaltz A (Site Coordinator). 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.

Belsham DD. (Principal Investigator). Circadian regulation of neuropeptides from the hypothalamus. Natural Sciences and Engineering Research Council, Operating Grant Renewal, $210,000, $42,000 per annum, April 2007 – March 2012.

Belsham DD (Principal Investigator). Molecular mechanisms dictating control of neuroendocrine function by estrogen. Canadian Institutes of Health Research, Operating Grant, Renewal, $752,940, $150,588 per annum, Renewal, April 2009 – March 2014.

Belsham DD. Canada Research Chair Award in Neuroendocrinology, Tier 2, Renewal, $500,000, $100,000 per annum, July 2009 – June 2014.

Benhabib B, Bakirtzian A, Ternamian A. Collaborative project to establish a force sensing platform for safe laparoscopic port creation in minimally invasive surgery. In collaboration with the Department of Clinical Biomedical Engineering, the Department of Kinesiology, Division of Gynecologic Endoscopy and the Department of Research and Knowledge Management at St. Joseph's Health Centre, Toronto, $2,500 and in kind donations. 2007 – 2011.


Best C, Lovatsis D. Randomized controlled trial of Short-term Uresta Efficacy (SURE trial). Mount Sinai Hospital Research Fund, $7000, 2010.

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

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


Bortolini M(PI), Shynlova O, Drutz H, Alarab M. Expression of procollagen c proteinase in the vaginal tissue of women with and without pelvic organ prolapse. Mount Sinai Hospital Research Fund, $8000, March 2010 – February 2011.


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

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


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


Caniggia I (PI), Post M, Zamudio S (CIs). The role of oxygen in regulating placental development. Canadian Institutes of Health Research Operating Grant, $787,490 total, $156,000 per annum, 2008 – 2013.
Caniggia I (PI), Bhattacharjee J. The role of Mcl-1 in regulating placental cell fate. CIHR HOPE-Scholarship, Operating Grant, $112,000, 2011 – 2015.

Casper RF. Can aromatase inhibitors reduce breast density, a biomarker of breast cancer risk, in postmenopausal women taking hormone therapy? Canadian Breast Cancer Foundation, Ontario Region Research Project Grant, $147,763 per annum, September 2009 – August 2012.

Casper RF (PI), Brown TJ, Shapiro C. Prevention of circadian rhythm disruption by nocturnal lighting. CIHR, Operating Grant, $427,126 total, $142,375 per annum October 1, 2008 – September 30, 2011.

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

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

Challis JRG, Lye SJ (Co-PIs). Paracrine controls of human labour. Canadian Institutes of Health Research, $792,120; $158,424 per annum; Operating grant, October 2005 – September 2010.


Croy AB (PI), Adams MA, Smith GN (CIs), Sermer M (Site Coordinator). Evaluation of natural killer cell contributions to the known, elevated risks for maternal and fetal pathologies in diabetic pregnancy. 9,000 CAD, 2010 – 2011.

Czikk M (PI), Kingdom J (Supervisor). Dual specificity phophatase 9 (DUSP-9): A candidate gene to explain the male bias in severe placental insufficiency syndrome. Mount Sinai Hospital, Research Foundation, Department of Obstetrics & Gynaecology, $10,000, July 2010 – June 2011.
Dalton AJ, Aisen P, Sano M (PIs); Percy M (National (Canadian) Coordinator and Surrey Place Centre (SPC) Site Coordinator) plus investigators from 20 other sites; International Multisite Clinical Trial of Vitamin E 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), $10 million overall, $1 million per annum overall, 2008-09 stipend to SPC, $900; 2001 – 2011.


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


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


Ferguson SE, Urowitz S. Supporting gynaecologic oncology patients with, through, and beyond: Patient education and survivorship at Princess Margaret. Schering-Plough Education Grant, $30,000 total, $10,000 per annum, January 2009 – January 2011.

Ferguson SE (PI), Urowitz S (Co-PI), Classens C (Co-PI). Development and validation of the modified sexual adjustment and body image scale in women with a diagnosis of gynecologic cancer (SABIS-G). Princess Margaret Hospital Foundation, $15,000, 2009 – 2010.


Fraser W, Weksberg R (Co-PI). Integrated Research Network in Perinatology (IRNPQ) – Impact of intrauterine exposures on infant health and development. Canadian Institutes of Health Research/Canadian Foundation for Innovation, $20,000,000 total, $100,000 per annum for Weksberg lab, 2008 – 2013.


Han VKM (PI), Adamson SL, Avison WR, Campbell MK, Gagnon R, Hill DJ, Lee TY, Mann M, Richardson BS, Speechley KN, Thompson RT, Yang K. Fetal growth restriction:

Harris D (PI), Rogers IM (CI). A model for analyzing the role of extrinsic factors responsible for aging of the human immune system. NIH Eureka Grant, $960,000, $240,000 per annum, 2010 – 2014.


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 – ongoing.

Josse R (Principal Investigator), Derzko CM, Rubin L (Co-Investigators). A randomized open-label study to evaluate the safety and efficacy of denosumab and monthly actonel therapies in postmenopausal women transitioned from weekly or daily alendronate therapy. Amgen Protocol 20080099. $5,456 per patient, 2009 – ongoing.
Jurisica I, Oza AM (Principal Investigators), Colgan TJ, Jurisicova A, Kislinger T (Co-Applicants). Diagnostic and prognostic biomarkers for epithelial ovarian cancer. Canadian Institutes of Health Research, Operating Grant, $734,532 total, $161,125 per annum, 2009 – 2013.

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

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


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


**Lambe EK** (PI) Mechanism of aberrant attention circuitry in a mouse model of Fragile X mental retardation. Scottish Rite Charitable Foundation, New Investigator Operating Grant, $105,000 total; $35,000 per annum; 2008 – 2011.

**Lambe EK** (PI). 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.

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


**Letarte, M.** (P.I.) Soluble endoglin in endothelial cell function and hypertension associated with preeclampsia. Heart and Stroke Foundation of Canada, Operating grant, $344,273; $114,758 per annum, 2010 – 2013.


Lilge, **Derzko C.** Use of optical breast spectroscopy to evaluate short-term (early) breast tissue changes in post-menopausal women initiating menopausal hormone therapy. Total operating budget: $90,000, 2010 – ongoing.


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

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

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


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


Maxwell C (PI), Glanc P (Co-PI). Can the 15 week transvaginal ultrasound decrease the number of examinations required for the fetal anatomic evaluation in obese pregnant women? Ontario Ministry of Health Mount Sinai Hospital/University Health Network Academic Medical Organization Innovation Fund (IF), $85,891, 2009 – 2011.


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


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


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


**Narod SA** (Principal Investigator), Bristow RG, Nam RK, Trachtenberg J (Co-Investigators). Clinical Course of BRCA2-associated prostate cancer. CIHR Operating Grant, $425,989, 3 years, 2009 – 2012.


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.

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

Oyewumi L (PI), Kingdom J, Carvalho J (Co-Supervisors), Non-invasive hemodynamic monitoring using bioreactance technology in pregnant women at high risk of developing pre-eclampsia. Mount Sinai Hospital, Research Foundation, Department of Obstetrics & Gynaecology, $5,000, July 2010 – June 2011.

Palmer L (PI), Pennell C, Beilin L, Newnham J, Lye S, Smith D. A genome-wide search for genes underlying the developmental origins of health and disease. National Health and Medical Research Council (Australia), Operating Grant, $897,878; $299,293 per annum, January 1, 2009 – December 31, 2011.

Pawson A (PI); Lye S, et al. (CIs) Ontario Proteomics Methods Centre (OPMC) (Project # is RE01-044). Ontario Research Fund. Overall ORF contribution (including overhead) is $4,526,986. Total project including match is $13,582,282. Lye portion of ORF contribution (excluding overhead) is $480,000. Lye portion of project including match is $992,600, October 1, 2006 – March 31, 2011.


Rossant J. Lineage development in the mouse blastocyst. CIHR, Operating Grant, $1,012,210, 2009 – 2014.


Serghides L (PI), Loutfy MR, Murphy KE, Yudin MH. Angiogenesis and adverse pregnancy outcomes in women with HIV, a pilot study. CIHR, $95,710, March 1, 2010 – February 28 2011.


Siu KWM (PI). Colgan TJ. Translating head and neck cancer markers into diagnostic assays. York University, International Science and Technology Partnerships Canada (ISTPCanada), ISTP Program with India. $1,163,312; $290,828 per annum, 2009 – 2012.


Spitzer RF (PI). Evaluation of emergency obstetric training program in Western Kenya. Mount Sinai Hospital, Research Fund. $9,000, 2010 – 2011.


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


Tremblay L, Bakirtzian A, Benhabib B, Ternamian A (Principal Investigators), Tyrwhitt J. Interdisciplinary collaborative robotic automated port application research. Department of Kinesiology, the Division of Gynecologic Endoscopy, Department of Obstetrics and Gynecology and the Department of Research and Knowledge Management at St. Joseph's Health Centre, Department of Clinical Biomedical Engineering, University of Toronto, $5000 and in kind donations, December 2007 – December 2010.


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

Whittle W, Kfouri J. Preterm Premature Rupture of the Membranes: What is the effect of latency on neonatal outcome? Mount Sinai Hospital Department of Obstetrics and Gynaecology Research Award, $1,000, 2011.

**Windrim R.** (CI). Comparison of continuous intravenous remifentani vs. intermittent fentanilmidazolam bolus for analgesia in fetal endoscopic techniques. University of Toronto, Mount Sinai Hospital, $4,000, July 2010 – June 2011.


**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** (CI). The psychosocial experiences and needs of HIV-positive women during their first year of motherhood. Ontario HIV Treatment Network (OHTN), Research Operating Grant, $450,000, 2010 – 2013.


COMMON ABBREVIATIONS

AACR  American Association for Cancer Research
AAGL  American Association of Gynecologic Laparoscopists
AAP   American Academy of Pediatrics
ACMG  Annual Clinical Medical Genetics Meeting
ACOG  American Congress of Obstetricians and Gynecologists
AEPC  Association for European Paediatric Cardiology
AHA   American Heart Association
AHFMR Alberta Heritage Foundation for Medical Research
AHSC  Academic Health Sciences Centres
AIUM  American Institute of Ultrasound in Medicine
APGO  Association of Professors of Gynecology and Obstetrics
APOG  Association of Professors of Obstetrics & Gynaecology of Canada
ASBMR American Society for Bone and Mineral Research
ASCCP American Society for Colposcopy and Cervical Pathology
ASCO  American Society of Clinical Oncology
ASHG  American Society of Human Genetics
ASRM  American Society for Reproductive Medicine
AWHONN Association of Women’s Health, Obstetric and Neonatal Nurses

BICOG  British International Congress of Obstetrics and Gynaecology

CAFS  Canadian Fertility and Andrology Society
CAGS  Canadian Association of General Surgeons
CAHR  Canadian Association of HIV Research
CAHSPR  Canadian Association for Health Services and Policy Research
CANPAGO Canadian Paediatric and Adolescent Gynaecology/Obstetrics Committee (SOGC)
CAPHC  Canadian Association of Paediatric Health Centres
CAPSNet Canadian Pediatric Surgery Network
CAR  Canadian Association of Radiologists
CaRMS The Canadian Resident Matching Service
CARO/ACRO Canadian Association of Radiation Oncology | Association canadienne de radio-oncologie
CBCF  Canadian Breast Cancer Foundation
CFCRA Canadian Breast Cancer Research Alliance
CC  Canadian Cardiovascular Congress
CFPC  College of Family Physicians of Canada
CCME  Canadian Conference on Medical Education
CCMG  Canadian College of Medical Geneticists
CCMS  Chinese Canadian Medical Society (Ontario)
CCSRI Canadian Cancer Society Research Institute
CEPD Continuing Education and Professional Development (University of Toronto)
CERI  Canadian Epilepsy Research Initiative
CIFC  College of Family Physicians of Canada
CIHR  Canadian Institutes of Health Research
CMAS  The Centre for Minimal Access Surgery
CMICR  The Centre for Mother, Infant, and Child Research
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>COGI</td>
<td>World Congress on Obstetrics, Gynaecology and Infertility</td>
</tr>
<tr>
<td>CFRC</td>
<td>Centre for Fertility and Reproductive Care (MSH)</td>
</tr>
<tr>
<td>CPA</td>
<td>Canadian Physiotherapy Association</td>
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<tr>
<td>CPS</td>
<td>Canadian Paediatric Society</td>
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<tr>
<td>CREOG</td>
<td>Council on Resident Education in Obstetrics and Gynecology</td>
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<tr>
<td>CSMFM</td>
<td>Canadian Society of Maternal Fetal Medicine</td>
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<tr>
<td>CSTM</td>
<td>Canadian Society for Transfusion Medicine</td>
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<tr>
<td>CUA</td>
<td>Canadian Urologic Association</td>
</tr>
<tr>
<td>DCP (NCI)</td>
<td>Division of Cancer Prevention (National Cancer Institute)</td>
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<tr>
<td>ECNP</td>
<td>European College of Neuropsychopharmacology</td>
</tr>
<tr>
<td>EPA</td>
<td>European Placenta Group</td>
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<tr>
<td>ESC</td>
<td>European Society of Cardiology</td>
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<tr>
<td>ESHRE</td>
<td>European Society of Human Reproduction and Embryology</td>
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<tr>
<td>FAIS</td>
<td>Federation of African Immunological Societies</td>
</tr>
<tr>
<td>FCMS</td>
<td>Federation of Chinese American and Chinese Canadian Medical Societies</td>
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<tr>
<td>FIGO</td>
<td>International Federation of Gynecology and Obstetrics</td>
</tr>
<tr>
<td>FMWC</td>
<td>Federation of Medical Women of Canada</td>
</tr>
<tr>
<td>FORCE</td>
<td>Facing Our Risk of Cancer Empowered</td>
</tr>
<tr>
<td>GOC</td>
<td>The Society of Gynecologic Oncology of Canada</td>
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<tr>
<td>GOG</td>
<td>Gynecologic Oncology Group</td>
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<tr>
<td>HSC</td>
<td>Hospital for Sick Children</td>
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<tr>
<td>HSFO</td>
<td>Heart and Stroke Foundation of Ontario</td>
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<tr>
<td>HUPO</td>
<td>Human Proteome Organisation</td>
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<tr>
<td>IBD</td>
<td>Inflammatory Bowel Disease</td>
</tr>
<tr>
<td>ICAAC</td>
<td>Interscience Conference on Antimicrobial Agents and Chemotherapy</td>
</tr>
<tr>
<td>ICONN</td>
<td>The International Collaboration of Neonatal-perinatal Networks</td>
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<tr>
<td>ICS</td>
<td>International Continence Society</td>
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<tr>
<td>IGCS</td>
<td>International Gynecologic Cancer Society</td>
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<tr>
<td>IDSOG</td>
<td>Infectious Diseases Society for Obstetrics and Gynecology</td>
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<tr>
<td>IEEE</td>
<td>Institute of Electrical and Electronics Engineers</td>
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<tr>
<td>IFMSS</td>
<td>The International Fetal Medicine and Surgery Society</td>
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<tr>
<td>IGORS</td>
<td>International Gynecologic Oncology Robotic Symposium</td>
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<tr>
<td>IFPA</td>
<td>International Federation of Placenta Associations</td>
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<tr>
<td>IMS</td>
<td>International Menopause Society</td>
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<tr>
<td>INTAPP</td>
<td>An International Trial of Antioxidants in the Prevention of Preeclampsia</td>
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<tr>
<td>IPEG</td>
<td>International Pediatric Endoscopy Group</td>
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<tr>
<td>IPE</td>
<td>Interprofessional Education</td>
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<tr>
<td>IPOS</td>
<td>International Psycho-Oncology Society</td>
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<tr>
<td>ISDS</td>
<td>International Skeletal Dysplasia Society</td>
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<tr>
<td>ISSCR</td>
<td>International Society for Stem Cell Research</td>
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<tr>
<td>ISSHP</td>
<td>The International Society for the Study of Hypertension in Pregnancy</td>
</tr>
<tr>
<td>ISSTD</td>
<td>International Society for the Study of Trophoblastic Diseases</td>
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<tr>
<td>IUGA</td>
<td>International Urogynecological Association</td>
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<tr>
<td>LHIN</td>
<td>Local Health Integration Network</td>
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<tr>
<td>Acronym</td>
<td>Full Name</td>
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<tr>
<td>MEFS</td>
<td>Middle East Fertility Society</td>
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<tr>
<td>MICYRN</td>
<td>Maternal Infant Child and Youth Research Network</td>
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<tr>
<td>MSH</td>
<td>Mount Sinai Hospital</td>
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<tr>
<td>NAFTNet</td>
<td>The North American Fetal Therapy Network</td>
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<tr>
<td>NAMS</td>
<td>North American Menopause Society</td>
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<tr>
<td>NASOM</td>
<td>North American Society of Obstetric Medicine</td>
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<tr>
<td>NASPAG</td>
<td>North American Society for Pediatric and Adolescent Gynecology</td>
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<tr>
<td>NESA</td>
<td>New European Surgical Academy</td>
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<tr>
<td>NCI</td>
<td>National Cancer Institute (part of NIH)</td>
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<tr>
<td>NIDA</td>
<td>National Institute on Drug Abuse</td>
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<tr>
<td>NIH</td>
<td>National Institutes of Health</td>
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<tr>
<td>NSERC</td>
<td>Natural Sciences and Engineering Research Council of Canada</td>
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<tr>
<td>NYGH</td>
<td>North York General Hospital</td>
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<tr>
<td>NYSORA</td>
<td>The New York School of Regional Anesthesia</td>
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<tr>
<td>OCFP</td>
<td>Ontario College of Family Physicians</td>
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<tr>
<td>OGS/OGSST</td>
<td>Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology</td>
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<tr>
<td>Ornge</td>
<td>Formerly Ontario Air Ambulance</td>
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<tr>
<td>OMA</td>
<td>Ontario Medical Association</td>
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<tr>
<td>OTIS</td>
<td>Organization of Teratology Information Specialists</td>
</tr>
<tr>
<td>PAG</td>
<td>Paediatric and Adolescent Gynaecology</td>
</tr>
<tr>
<td>PAS</td>
<td>The Pediatric Academic Societies</td>
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<tr>
<td>PAX</td>
<td>Peritoneal Society: New name: PnS: Peritoneum and Surgery</td>
</tr>
<tr>
<td>PMH</td>
<td>Princess Margaret Hospital</td>
</tr>
<tr>
<td>PNOGA</td>
<td>Pacific Northwest Obstetrical &amp; Gynecological Association</td>
</tr>
<tr>
<td>PREBIC</td>
<td>PREterm Birth Collaborative</td>
</tr>
<tr>
<td>PSI</td>
<td>Physicians’ Services Incorporated</td>
</tr>
<tr>
<td>RCOG</td>
<td>Royal College of Obstetricians and Gynaecologists (UK)</td>
</tr>
<tr>
<td>RCPSC</td>
<td>Royal College of Physicians and Surgeons of Canada</td>
</tr>
<tr>
<td>RSNA</td>
<td>Radiological Society of North America</td>
</tr>
<tr>
<td>SAEM</td>
<td>Society for Academic Emergency Medicine</td>
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<tr>
<td>SAGES</td>
<td>Society of American Gastrointestinal and Endoscopic Surgeons</td>
</tr>
<tr>
<td>SGI</td>
<td>Society for Gynecologic Investigation</td>
</tr>
<tr>
<td>SGO</td>
<td>Society of Gynecologic Oncologists</td>
</tr>
<tr>
<td>SHSC</td>
<td>Sunnybrook Health Sciences Centre</td>
</tr>
<tr>
<td>SHUTC</td>
<td>Sunnybrook Hospital University of Toronto Clinic (legal name, operates, as of 1973, as Academic Clinicians’ Management Services)</td>
</tr>
<tr>
<td>SIECAN</td>
<td>Sex Information and Education Council of Canada</td>
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<tr>
<td>SIR</td>
<td>Society of Interventional Radiology</td>
</tr>
<tr>
<td>SJHC</td>
<td>St. Joseph’s Health Centre</td>
</tr>
<tr>
<td>SLRI</td>
<td>Samuel Lunenfeld Research Institute</td>
</tr>
<tr>
<td>SMFM</td>
<td>Society for Maternal-Fetal Medicine</td>
</tr>
<tr>
<td>SMH</td>
<td>St Michael’s Hospital</td>
</tr>
<tr>
<td>SMIG</td>
<td>Society of Minimally Invasive Gynaecology</td>
</tr>
<tr>
<td>SOGC</td>
<td>Society of Obstetricians and Gynaecologists of Canada</td>
</tr>
</tbody>
</table>
SOGT  Society of Obstetricians and Gynecologists of Toronto
SSR    Society for the Study of Reproduction
STGO   Tunisian Society of Gynaecology and Obstetrics
STLHE  Society for Teaching and Learning in Higher Education
TEGH   Toronto East General Hospital
UHN    University Health Network
USCAP  United States and Canadian Academy of Pathology
WAGO   Western Association of Gynecologic Oncologists
WEBB   Weekend to End Breast Cancer
WFUMB  World Federation for Ultrasound in Medicine and Biology
WHI    Women’s Health Initiative
WHO    World Health Organization
WRGC   World Robotic Gynecology Congress

**Peer-Reviewed Publications**
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