MISSION STATEMENT

Our MISSION

Our mission is to generate game-changing research, improve standards of care, advance public policy and prepare the physicians and leaders of tomorrow in ways that transform the health of women locally, nationally and around the world.

Our VISION

As a unified department, we aim to develop, fully leverage and integrate ground-breaking research, knowledge and practice in obstetrics and gynaecology from across our extensive network to transform women’s health locally, nationally and around the world.

Department of Obstetrics and Gynaecology
Faculty of Medicine
University of Toronto
123 Edward Street, Suite #1200
Toronto, Ontario M5G 1E2

Telephone: 416-978-2688
Fax: 416-978-8350
Website: http://www.obgyn.utoronto.ca
The Department is grateful to Miss Shayna Henry for creating the new format for our Annual Report. We would also like to thank the following individuals for their contributions:

Joe George
Khrystyna Levytska
Helen Robson
Tina Xue

Common abbreviations used throughout the text are shown on pages 121 to 124.
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Welcome to our 2013-2014 Annual Report, the first for me in the exciting role as Department Chair. You will notice a new layout and design, thanks to Ms Shayna Henry, working under the expert guidance of Mrs. Helen Robson.

The year has seen many changes, and was marked by our relocation to 123 Edward Street, 12th floor, in May 2013, after more than 40 years in our former location at 92 College Street. We will miss much of the elegance and charm of that old Victorian home, yet grow to appreciate all that a modern single-floor Department has to offer both our Administrative Staff, as well as our various MD groupings. Our department is now co-located with Anesthesia, such that we can share best practices, and a newly-refurbished joint seminar room, with full video conferencing features, that can seat 40 people. I hope that many groups will use these much-improved facilities.

Our academic year began with a very successful Faculty Professional Development Day at Vaughan Estates. A new dimension to the event was the incorporation of a formal celebration of our newly-promoted Faculty, effective July 1st, 2013, including Drs. Jon Barrett and Joan Murphy to full Professor and Drs. Cynthia Maxwell, Howard Berger, and Danny Lovatissi to Associate Professor. Our department continues to have a strong track record in successful senior promotions, which affirms its vibrant nature. The event also recognized many individuals through the Chair’s Awards and our Undergraduate Teaching Awards. These are listed in the report. This year, Dr. Guylaine Lefebvre was our department’s recipient of the APOG Carl Nimrod Educator of the Year Award for her superb instruction of Residents and Fellows in both Minimal Access and Pelvic Surgery.

Research Day in May was yet another success, in the tradition developed by our former Chairs, where we championed the diversity and strength of our research. I remember attending my first Research Day shortly after arriving in 1998, realizing that this event had greater content than many National meetings that I had previously attended in the UK. This year, we had nearly 100 abstract submissions. Professor Aidan Halligan, an Academic Obstetrician & Gynaecologist and former Deputy Chief Medical Officer in England, gave a captivating talk on “Rediscovering lost values: Leadership in a challenging clinical environment.” The program and award winners are shown from page 99.

In June, we moved our Resident Graduation event from our traditional outdoor BBQ at The Estates of Sunnybrook to a more formal indoor event at the University of Toronto’s Faculty Club. We included our graduating Fellows, and invited their family and special friends to attend. I met three very proud Grandmothers! Dr. Paul Bernstein gave the graduation address. Many individuals conveyed to me how much they enjoyed the evening, which will move to a larger space at Hart House next year.

Throughout the Academic year, we conducted a Strategic Planning process with Ms Cate Creede and Mr. Danny Nashman man of The Potential Group. During this first year, the Department was pleased to welcome Ms Colleen Fox as our Strategy Coordinator. She worked closely with the Strategic Planning team and our Department Executive. Colleen made a huge contribution to the initial success of this process and has de-
parted for a new position at Princess Margaret Hospital shortly after our Strategic Plan Launch in May. We wish her well in her new position. Colleen was succeeded in this position by Ms Khrystyna Levytska.

I believe all of us have found this to be a surprisingly positive process with a central theme being the importance of coming together as a unified department. We have affirmed the central role of core specialists in ObGyn, and embraced a wide range of staff physicians across all GTA hospitals. The process involved all segments of the Department, and culminated in a Strategic Plan Launch at Pantages Hotel in May. A summary of the process can be found on page 21. Strategic Planning is a dynamic and evolving process; our implementation group will meet annually and we aim to publish our Strategic Plan in March 2015. As Chair, I encourage young faculty members to become engaged so as to develop their leadership abilities.

Our Education programs have entered a period of stability following a full set of reviews in the previous year. In the fall of 2013, our Department agreed to enter into a pilot program partnership with the Institute of Health Policy Management and Evaluation (IHPME) to develop their very successful undergraduate LEAD program for our Residency Training Program. Our Vice Chair of Education, Dr. Heather Shapiro, together with Drs. Geoff Anderson and Steini Brown at IHPME, are leading this initiative.

The year was marked by changes in leadership at two of our major sites, with Dr. Mathew Sermer being appointed as Chief at Mount Sinai Hospital, University Health Network and Women’s College Hospital, and Dr. Arthur Zaltz being appointed as Chief at Sunnybrook Health Sciences Centre, each for initial 5 year terms. Dr. Rory Windrim replaced Dr. Fay Weisberg as our new Director of Professional Development, and has formed a joint committee with Dr. Filomena Meffe, who is our Director of Faculty Development. I thank Fay for her contributions under the leadership of our former Chair, Dr. Alan Bocking. Dr. Nanette Okun was chosen as the new Division head for Maternal-Fetal Medicine. A new major initiative for our department, and the wider GTA, has been the creation of the “GTA-OBS Network,” which is directed by Dr. Jon Barrett from Sunnybrook Health Sciences Centre.

Since 2007, a partnership with the Department of Reproductive Health at Moi University in Eldoret, Kenya has been fostered through the AMPATH Consortium. Through this partnership, we continue to collaborate with our colleagues at Moi University to bring ObGyn health care to areas of Western Kenya. By providing a broad range of care and services, and remaining committed to education and research, the program supports its goal of advancing maternal, newborn, and child health. This program has become an integral part of who we are and an initiative that we are rightly proud of – it sets us apart from many ObGyn departments, providing bi-directional exchange opportunities for all levels of trainees. To mark this commitment, I am pleased to present Dr. Rachel Spitzer as our first Vice-Chair, Global Women’s Health. I am, therefore, very pleased to introduce a new section in the Department’s Annual Report on our achievements in Eldoret. A comprehensive program description and update from this year can be found on page 39.

Quality Improvement and Patient Safety (QIPS) represents a new emerging segment of academic medicine. This subject is centrally important to our specialty. I am therefore pleased to present Dr. Gareth Seaward as our first Vice-Chair, QIPS.

I would also like to welcome the following individuals to the Department:

- Mrinalini Balki – Obstetric Anesthesia, Mount Sinai Hospital
- Karthika Devarajan – Obstetrics and Gynaecology, North York General Hospital
- Phaedra Diamond – Urogynaecology and Obstetrics and Gynaecology, Rouge Valley Health System, Centenary Site
- Tomer Feigenberg – Gynaecologic Oncology, Trillium Health Partners, Credit Valley Hospital
- Taymaa May – Gynaecologic Oncology, Mount Sinai Hospital, University Health Network
- Ally Murji – Minimal Access Surgery and Obstetrics and Gynaecology, Mount Sinai Hospital
The year was also marked by the retirement of Dr. Elliott Lyons at Mount Sinai Hospital and Dr. Derek Nicholson at North York General Hospital. Elliott came on staff in 1978 after undertaking a 1-year MFM fellowship position at the University of British Columbia, Vancouver, and was instrumental in the development of the Ob-Gyn program, including the recruitment of our former Chair and Mount Sinai Chief, Dr. JW Knox Ritchie. Elliott was a great teacher, a master of forceps, and led weekly M&M rounds with Paediatrics for many years.

Dr. Derek Nicholson retired after over 30 years as an outstanding ObGyn at NYGH and, before that, at the Toronto Western Hospital. He was trained at the University of Toronto and went on to be the President of both the Society of Obstetricians and Gynaecologists of Toronto (SOGT) and the Canadian Gynaecological Society. His wit, efficiency and skill with forceps will be missed.

On June 30th, 2013, Dr. Katherine MacRury, our Department Educator, retired from her half-time position with ObGyn. She continues with her half-time role in Undergraduate Medical Education. We thank Kathryn for her sustained contributions.

I sign off hoping that you will enjoy the new format of the Annual Report, and sense the collective pride we can all express for our achievements. Ours is a fabulously talented department, equally passionate about educational excellence as we are about all types of research. We serve the ever-changing clinical needs of women within one of the finest public-access medical schools worldwide, located in North America’s 3rd largest metropolitan area. We have a great future together.

Yours sincerely,

[Signature]

John C.P. Kingdom, MD, FRCSC, FRCOG, MRCP (UK)
Gordon C. Leitch Chair
Department of Obstetrics and Gynaecology
**FACULTY 2013-2014**

**PRIMARY APPOINTMENTS**

**Professors Emeriti**
- AD (Denny) De Petrillo
- Douglas J Gare*
- Mary E Hannah
- Walter J Hannah
- Gordon M Lickrish

**Professors**
- S Lee Adamson
- Jon Barrett
- Paul Bernstein
- Jennifer Blake
- Alan D Bocking
- Theodore J Brown
- Isabella Caniggia
- Robert F Casper
- Allan L Covens
- Harold Drutz
- Dan Farine
- John Kingdom - Chair
- Michelle Letarte
- Guylaine Lefèbvre
- Stephen Lye
- K Joan Murphy‡
- Andras Nagy
- JW Knox Ritchie
- Barry Rosen
- Greg Ryan
- P Gareth R Seaward
- Mathew Sermer
- R Michael Shier
- Rory Windrim
- Wendy Wolfman‡

**Associate Professors Emeriti**
- Titus Owolabi

**Associate Professors**
- May Alarab‡
- Lisa Allen
- Howard Berger
- Janet Bodley‡
- Adrian Brown
- Sarah Ferguson‡
- Alan Gerulath
- James Goodwin
- Ellen Greenblatt
- Elaine Herer
- Andrea Jurisicova
- Sari Kives
- Rose Kung
- Evelyn Lambe‡
- Clifford L Librach
- Kay Lie
- Danny Lovatsis
- Cynthia Maxwell
- Filomena Meffe
- Kellie E Murphy
- Nanette Okun
- Richard Pittini
- Heather Shapiro
- Michael Sved
- Artin Ternamian
- Mark Yudin
- Arthur Zaltz

**Assistant Professors**
- Hani Akoury
- Oluleke Badmos
- Marshall Barkin
- Samir Batarseh*
- Yaakov Bentov
- Marcus Bernardini
- Nicolette Caccia
- Kenneth Cadesky
- Astrid Christoffersen-Deb
- Karen Chong
- Dennis K. Chu
- E Anne Claessens
- Howard Cohen
- Barbara Cruickshank
- Marie Czikk
- Marjorie Dixon
- Jason Dodge
- Xuesen Dong
- Nancy Durand
- William A Easton
- Frederic A Engle
- Navid Esfandiari
- Michèle Farrugia
- Tomer Feigenberg†
- Tatiana Freire-Lizama
- Lilian Gien
- Karen Glass
- Mathias Gysler
- Peter Hawrylyshyn
- Man Fan Ho
Assistant Professors (continued)

<table>
<thead>
<tr>
<th>Stephen Im</th>
<th>Colleen McDermott</th>
<th>Oksana Shynlova</th>
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<td>Johannes Keunen</td>
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<td>Sony Sierra</td>
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<td>Murray Kroach</td>
<td>Sergey Moskovtsev</td>
<td>Dana Soroka</td>
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<tr>
<td>Rachel Kupets</td>
<td>Ally Murji</td>
<td>Rachel Spitzer</td>
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<td>Noor Ladhani</td>
<td>Robert Derek Nicholson*</td>
<td>Wilf Steinberg</td>
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<td>Wendy Whittle</td>
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<td>Amanda Selk</td>
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<td>Ann Kinga Malinowski</td>
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<td>Adelmo Martoglio</td>
<td>Jodi Shapiro</td>
<td>Brenda T Woods</td>
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<td>Taymaa May†</td>
<td>Prati Sharma</td>
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Lecturers

<table>
<thead>
<tr>
<th>Anjali Aggarwal</th>
<th>Gwendolyn Goodrow</th>
<th>Esther Park</th>
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<tr>
<td>Rebecca Arthur</td>
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<td>Perry Phillips</td>
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<td>Ari Baratz</td>
<td>Ronnie Hakim</td>
<td>Kimberly Rogers</td>
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<td>Dalip Kumar Bhangu</td>
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<td>Veena Bonde</td>
<td>Dini Hui</td>
<td>Edward Ryan</td>
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<td>Yoav Brill</td>
<td>Sybil Judah</td>
<td>Abheha Satkunaratnam</td>
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<td>Melanie Caetano</td>
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<td>Peter W. Scheufler</td>
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<td>David Caloia</td>
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<td>Paul Chang</td>
<td>Yolanda Kirkham</td>
<td>Paul Shuen</td>
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<td>Nicole Cherry</td>
<td>Danny Kreichman</td>
<td>John Robert Smith</td>
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<td>Kelly Chu</td>
<td>Jamie Kroft</td>
<td>Kirsten Smith</td>
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<td>Aleksandre Corbey</td>
<td>Sabrina Lee</td>
<td>Richard Stein</td>
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<td>Catherine Ann Cowal</td>
<td>Sylvie Leone-Tomaschoff</td>
<td>Linda Stirk</td>
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<tr>
<td>Jennifer Cram</td>
<td>Patrick M Liao</td>
<td>Melissa Tai</td>
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<td>Lanval (Joe) Daly</td>
<td>Terry Logaridis</td>
<td>Scott Tigert</td>
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<td>Alfonso Del Valle Rebeil</td>
<td>Roberta Mackenzie</td>
<td>Carol Wade</td>
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<tr>
<td>Karthika Devarajan†</td>
<td>Tara MacLeod</td>
<td>Peter Watt</td>
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<td>Phaedra Diamond†</td>
<td>Erica Mantay</td>
<td>Georgina Wilcock</td>
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<td>Anthony Di Pierdomenico</td>
<td>Mary Melchior</td>
<td>Jeremy C Wong</td>
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<td>Patricia Doyle</td>
<td>Matthew Morton</td>
<td>Lynne Zolis</td>
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<td>Marianne R Duemler</td>
<td>Kerry Myckan</td>
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<tr>
<td>Maja Gans</td>
<td>Alexandra Nevin Lam</td>
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<tr>
<td>Dimitrios Giannoulias</td>
<td>Kendra Newell</td>
<td></td>
</tr>
</tbody>
</table>
Adjunct Professors

Kofi Amankwah
Craig Pennell
Felice Petraglia
Paul Thistle

Adjunct Lecturers

George Arnold
Shannon Causey
Mary Cheng
Stacy Costa
Joseph Cramer
Kristina Dervaitis
Kurt Christopher Giede
Jevan Ko
Asha Kurup

Adjunct Assistant Professors

Joanne Ma
Haidar Mahmoud
Enrique Reyes*
Jan Scheeres
Michael Silver
Gita Singh
Vincent Wu
Gonzalo Zevallos

CROSS APPOINTMENTS

University Professors Emeriti

John Challis

Professors Emeriti

Jerald Bain
Joseph T. Clarke
Anne Kenshole
Arne Ohlsson

Professors

Denise Belsham
José Carvalho
William B. Chapman
David A. Chitayat
Terence Colgan
Jack Marc Colman
Anthony W. Fyles
Mahmoud Khalifa
Shoo Lee
Michelle Letarte
Stephen Matthews
Steven Narod
Amit Oza
Joel Ray
Gail Robinson
Janet Rossant
Patricia Shaw
Sam Siu
Donna Stewart
Gillian Thomas
Ants Toi
Rosanna Weksberg

Stephen Halpern
Physiology
Anesthesia
Laboratory Medicine & Pathology
Paediatrics
Laboratory Medicine & Pathology
Medicine – Cardiology
Laboratory Medicine & Pathobiology
Paediatrics
Immunology
Physiology
Public Health Sciences
Medicine
Medicine
Psychiatry
Molecular Genetics
Laboratory Medicine & Pathobiology
Medicine
Psychiatry
Radiation Oncology
Medical Imaging
Molecular Genetics
Associate Professors

Ida Ackerman
Elizabeth Asztalos
Mrinalini Balki†
Christine Derzko
Michael Dunn
Denice Feig
Katherine Fong
Phyllis Glanc
Stephen Holzapfel
Sarah Keating
Carl Laskin
Andrew T. Shennan
Candice Silversides

Radiation Oncology
Paediatrics
Anesthesia
Medicine
Paediatrics
Medicine
Medical Imaging
Medical Imaging
Family & Community Medicine
Laboratory Medicine & Pathobiology
Medicine
Paediatrics
Medicine

Assistant Professors

Tony Barozzino
Michael Sgro
Martin Skidmore
Sandra Viero
Rachel Wald

Paediatrics
Paediatrics
Paediatrics
Laboratory Medicine & Pathobiology
Paediatrics

Adjunct Professors

Lynn Allen

Laboratory Medicine & Pathobiology

Adjunct Lecturers

Nina Venkatarangam

Family & Community Medicine

* Retired
† New appointment
‡ Promotion
ADMINISTRATIVE STAFF

Senior Business Officer  Arleen Morrin

Coordinator of Postgraduate Programs  Caroline Sutherland
Department Assistant  Joseph George

Department Assistant  Cherryl Bird
Coordinator of Undergraduate Program  Jeannette Moniz
RESIDENTS

POSTGRADUATE YEAR 1
Sophie Bussiere-Cote
Laura Cancelliere
Kristin Harris
Lesley Hawkins
John Ibrahim
Teela Nadine Johnson
Marian Leung
Sonali Lokunge
Amanda Michael
Andra Nica
Cherie Lynne Nicholson
Leslie Proctor

POSTGRADUATE YEAR 2
Nasser Abu Awad
Marie Coroneos
Lara Gotha
Lacey Harding
Ingrid Lai
Mathew Leonardi
Pamela Liao
Carmen McCaffrey
Chaula Mehta
Julie Nguyen
Kirsten Niles
Aparna Sarangapani
Lynn Sterling
Marta Wais

POSTGRADUATE YEAR 3
Jessica Green
David Gurau
Ummi Habiba
Adrienne Li
Rebecca Menzies
Rebecca Rich
Michael Secter
Alison Shea
Andrea Simpson
John Snelgrove
Liane Tan
Julie Thorne

POSTGRADUATE YEAR 4
Emily Baker
Kimberly Bremer
Amanda Cipolla
Paulina Cybulaska*
Courtney Jolliffe
Genevieve Lennox
Brian Liu
Karli Mayo
Heather Millar
Stephen Morris
Muhseen Yusuf

POSTGRADUATE YEAR 5
Melanie Campbell
Brian Ferguson
Helena Frecker
Louise-Helene Gagnon
Alice Han
Salikah Iqbal
Tharani Kandasamy
Julia Kfouri
Noushin Khoshbakht
Kelsey Mills
Shannon Moore
Lamide Oyewumi
Leslie Po
Priya Sharma
Laura Sovran
Evan Taerk

*Clinician Investigator Program
# CLINICAL FELLOWS

## PROGRAM AND DIRECTOR

### Advanced Obstetrics
**P. Gareth Seaward, MSH**

### Advanced High-Risk Obstetrics
**Howard Berger, SMH**

### Gynaecologic Endoscopy (RCPSC)
**Artin Ternamian, SJHC**

### Gynaecologic Oncology (RCPSC)
**Allan Covens, SHSC**

### Gynaecologic Reproductive Endocrinology and Infertility (RCPSC)
**Barbara Cruickshank, MSH**

### Maternal-Fetal Medicine (RCPSC)
**Cynthia Maxwell, MSH**

### Mature Women’s Health and Menopause
**Wendy Wolfman, MSH**

## FELLOW

### Advanced Obstetrics
- Sunita Garg
- Shadha Jawad Al-Hawash
- Stefania Ronzoni

### Advanced High-Risk Obstetrics
- Eran Barzilay
- Yifat Gadot

### Gynaecologic Endoscopy (RCPSC)
- Jing Qin

### Gynaecologic Oncology (RCPSC)
- Genevieve Bouchard Fortier
- Rory McVey
- Kate Pulman
- Clare Reade
- Yakir Segev
- Sarah Sinasac

### Gynaecologic Reproductive Endocrinology and Infertility (RCPSC)
- Crystal Chan
- Claire Jones
- Shannon Moore
- Nicole Paterson

### Maternal-Fetal Medicine (RCPSC)
- Hythem Al-Sum
- Sergio Carmona
- Rohan D’Souza
- Darine El-Chaar
- Ryan Hodges
- Richard Horgan
- Tiffany Hunter
- Lawrence Koby
- Anne Maude Morency
- Nir Melamed
- Tim Van Mieghem
- Mark Osmond
- Hadar Rosen
- Karen Wou

### Mature Women’s Health and Menopause
- Faiza Al-Gethami
- Debra Evaniuk
# CLINICAL FELLOWS

## PROGRAM AND DIRECTOR

### Minimally Invasive Gynaecological Surgery
Guylaine Lefèbvre, SMH

**Minimally Invasive Gynaecological Surgery (AAGL*)**
Herb Wong, SHSC

### Paediatric and Adolescent Gynaecology
Sari Kives, HSC

### Reproductive Sciences
Robert Casper, TCART

### Reproductive Sciences
Clifford Librach, CReATe Fertility Centre

### Urogynaecology and Reproductive Pelvic Surgery
Harold Drutz, MSH
Danny Lovatsis, MSH

### Urogynaecology
Patricia Lee, SHSC

## FELLOW

| Minimally Invasive Gynaecological Surgery | Heinrich Husslein  
| Guylaine Lefèbvre, SMH | Lindsay Shireff  
| | Eliane Shore  
| Minimally Invasive Gynaecological Surgery (AAGL*) | Daniel Margel  
| Herb Wong, SHSC |  
| Paediatric and Adolescent Gynaecology | Nicole Hubner  
| Sari Kives, HSC |  
| Reproductive Sciences | Lucy-Ann Behan  
| Robert Casper, TCART | Anat Hershko-Klement  
| | Frederic Mitri  
| | Nayana Talukdar  
| | Amir Weintraub  
| Reproductive Sciences | Basheer Al Kudmani  
| Clifford Librach, CReATe Fertility Centre | Tal Lazer  
| Urogynaecology and Reproductive Pelvic Surgery | Elham Bamanie  
| Harold Drutz, MSH  
| Danny Lovatsis, MSH | Ashraf Dawood  
| | Susan Jia  
| | Yvonne Leung  
| | Sebastian Medel  
| | Salomon Zebede  
| Urogynaecology | Pietrus Kruger  
| Patricia Lee, SHSC |  

*American Association of Gynecologic Laparoscopists*
# COMMITTEES

## Executive Committee & Appointments Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Appointments</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Kingdom</td>
<td>Chair, Executive and Fiscal Advisory Committees</td>
</tr>
<tr>
<td>Lisa Allen</td>
<td>Head, Division of Paediatric and Adolescent Gynaecology Site Chief, Women’s College Hospital</td>
</tr>
<tr>
<td>Jon Barrett</td>
<td>Chair, GTA-OBS Network</td>
</tr>
<tr>
<td>Adrian Brown</td>
<td>Community Affiliate Hospital Representative Chief, North York General Hospital</td>
</tr>
<tr>
<td>Ted Brown</td>
<td>Head, Division of Reproductive Endocrinology &amp; Infertility Chair, Research Committee</td>
</tr>
<tr>
<td>Dan Farine</td>
<td>Chair, Promotions &amp; Awards Committee</td>
</tr>
<tr>
<td>Guylaine Lefèbvre</td>
<td>Chief, St. Michael’s Hospital Associate Chair, Department of Obstetrics and Gynaecology</td>
</tr>
<tr>
<td>Stephen Lye</td>
<td>Vice-Chair, Research</td>
</tr>
<tr>
<td>Nanette Okun</td>
<td>Head, Division of Maternal-Fetal Medicine</td>
</tr>
<tr>
<td>Filomena Meffe</td>
<td>Director Faculty Development</td>
</tr>
<tr>
<td>Barry Rosen</td>
<td>Head, Division of Gynaecologic Oncology, University Health Network</td>
</tr>
<tr>
<td>Rajiv Shah</td>
<td>Chair, Undergraduate Medical Education Committee</td>
</tr>
<tr>
<td>Gareth Seaward</td>
<td>Director of Quality Improvement and Patient Safety (QIPS)</td>
</tr>
<tr>
<td>Mathew Sermer</td>
<td>Chief, Mount Sinai Hospital/ University Health Network/ Women’s College Hospital</td>
</tr>
<tr>
<td>Heather Shapiro</td>
<td>Vice-Chair, Education</td>
</tr>
<tr>
<td>Rachel Spitzer</td>
<td>Vice-Chair, Global Women’s Health</td>
</tr>
<tr>
<td>Donna Steele</td>
<td>Chair, Residency Program Committee</td>
</tr>
<tr>
<td>Rory Windrim</td>
<td>Director, Continuing Professional Development &amp; Knowledge Translation</td>
</tr>
<tr>
<td>Arthur Zaltz</td>
<td>Chief, Sunnybrook Health Sciences Centre</td>
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### COMMITTEES

#### Residency Program Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Site</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donna Steele</td>
<td>SMH</td>
<td>RPC Chair</td>
</tr>
<tr>
<td>John Kingdom (ex-officio)</td>
<td>MSH</td>
<td>Department Chair</td>
</tr>
<tr>
<td>Anjali Aggarwal</td>
<td>TEGH</td>
<td>Site Coordinator (April 1, 2014 to June 30, 2014)</td>
</tr>
<tr>
<td>Clarissa Bambao</td>
<td>SJHC</td>
<td>Site Coordinator</td>
</tr>
<tr>
<td>Janet Bodley</td>
<td>SHSC</td>
<td>Site Coordinator</td>
</tr>
<tr>
<td>Aleksandre Corbey</td>
<td>THP - CVH</td>
<td>Site Coordinator</td>
</tr>
<tr>
<td>Michele Farrugia</td>
<td>Wellness Committee</td>
<td>Wellness Committee Rep</td>
</tr>
<tr>
<td>Lilian Gien</td>
<td>SHSC</td>
<td>Rotation Coordinator - Gynaecologic Oncology (Sept 1, 2013 to June 30, 2014)</td>
</tr>
<tr>
<td>Dini Hui</td>
<td>SHSC/MFM</td>
<td>Rotation Coordinator - MFM</td>
</tr>
<tr>
<td>Yolanda Kirkham</td>
<td>HSC</td>
<td>Site Coordinator (July 1, 2013 to Aug 2013 for Sari Kives)</td>
</tr>
<tr>
<td>Sari Kives</td>
<td>HSC/SMH</td>
<td>Site Coordinator (Sept 1, 2013 to June 30, 2014)</td>
</tr>
<tr>
<td>Katherine MacRury</td>
<td>U of T</td>
<td>Education Consultant</td>
</tr>
<tr>
<td>Melanie Ornstein</td>
<td>TEGH</td>
<td>Site Coordinator (July 1, 2013 to March 31, 2014)</td>
</tr>
<tr>
<td>Heather Shapiro</td>
<td>MSH</td>
<td>Rotation Coordinator - REI-PAG</td>
</tr>
<tr>
<td>Jodi Shapiro</td>
<td>MSH</td>
<td>Rotation Coordinator - Ambulatory PGY2-5</td>
</tr>
<tr>
<td>Dana Soroka</td>
<td>SMH</td>
<td>Site Coordinator (July 1, 2013 to August 2013 for Sari Kives)</td>
</tr>
<tr>
<td>Jackie Thomas</td>
<td>MSH</td>
<td>Site Coordinator</td>
</tr>
<tr>
<td>Mark Yudin</td>
<td>Research</td>
<td>Research Committee Rep</td>
</tr>
<tr>
<td>Lynne Zolis</td>
<td>NYGH</td>
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</tr>
<tr>
<td>Andra Nica</td>
<td></td>
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</tr>
<tr>
<td>Lacey Harding</td>
<td></td>
<td>PGY2 Rep</td>
</tr>
<tr>
<td>Michael Secter</td>
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<tr>
<td>Amanda Cipolla</td>
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</tr>
<tr>
<td>Laura Sovran</td>
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<td>PGY5 Rep</td>
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## COMMITTEES

### Fellowship Directors Committee

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<tr>
<th>Chair</th>
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<tbody>
<tr>
<td>Heather Shapiro</td>
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<td>Lucy-Ann Behan</td>
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<tr>
<td>Howard Berger</td>
<td>Patricia Lee</td>
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<tr>
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<tr>
<td>Barbara Cruickshank</td>
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<td>Herb Wong</td>
</tr>
<tr>
<td>Harold Drutz</td>
<td>Katherine MacRury</td>
<td>Karen Wou</td>
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</table>

### Fiscal Advisory Committee

<table>
<thead>
<tr>
<th>Chair</th>
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<tbody>
<tr>
<td>John Kingdom</td>
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### Promotions & Awards Committee

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<td>Evaluations Committee</td>
<td>Herb Wong</td>
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### Research Committee

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<tr>
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<td>Kellie Murphy</td>
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</tbody>
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### HOSPITAL STATISTICS

**July 1, 2013 to June 30, 2014**

<table>
<thead>
<tr>
<th></th>
<th>SMH</th>
<th>MSH/UHN</th>
<th>SHSC</th>
<th>TEGH</th>
<th>HSC</th>
<th>NYGH</th>
<th>SJHC</th>
<th>THP</th>
<th>WCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Deliveries</strong></td>
<td>2,933</td>
<td>6,565</td>
<td>4,235</td>
<td>3,104</td>
<td>NA</td>
<td>5,709</td>
<td>3,264</td>
<td>8,677</td>
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<tr>
<td><strong>Caesarean-Section Rate</strong></td>
<td>26.97%</td>
<td>32.8%</td>
<td>35%</td>
<td>28.06%</td>
<td>NA</td>
<td>28.4%</td>
<td>31.9%</td>
<td>25.1%</td>
<td>NA</td>
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<tr>
<td><strong>Total Gynecology Procedures (major and minor)</strong></td>
<td>1,468</td>
<td>3,662</td>
<td>3,860 (excludes gynec onc)</td>
<td>2,016</td>
<td>112</td>
<td>2,323</td>
<td>1,367</td>
<td>7,536</td>
<td>1,465</td>
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<tr>
<td><strong>Clinic Visits (excluding private office visits)</strong></td>
<td>51,313</td>
<td>104,178</td>
<td>17,962 (excludes colpo)</td>
<td>14,477</td>
<td>2,208</td>
<td>16,462(^a)</td>
<td>10,663</td>
<td>2,572</td>
<td>10,853</td>
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<tr>
<td><strong>Number of Obstetrics Beds</strong></td>
<td>22(^*)</td>
<td>66</td>
<td>26</td>
<td>32</td>
<td>NA</td>
<td>56</td>
<td>26</td>
<td>87(^z)</td>
<td>0</td>
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<tr>
<td><strong>Number of Gynecology Beds</strong></td>
<td>9</td>
<td>19</td>
<td>2</td>
<td>59(^t)</td>
<td>0</td>
<td>39(^t)</td>
<td>16</td>
<td>10</td>
<td>0</td>
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</tbody>
</table>

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*SMH – St. Michael’s Hospital
MSH/UHN – Mount Sinai Hospital/University Health Network
SHSC – Sunnybrook Health Sciences Centre
TEGH – Toronto East General Hospital
HSC – Hospital for Sick Children
NYGH – North York General Hospital
SJHC – St. Joseph’s Health Centre
THP – Trillium Health Partners (Credit Valley Hospital, Mississauga Hospital and Queensway Health Centre)
WCH – Women’s College Hospital
NA – Not Available/Applicable

\(^*\)Does not include an additional 10 Labour, Delivery, Recovery and Post Partum (LDRP) beds

\(^t\)Shared with other surgical specialties

\(^z\)Includes 27 birthing suites

\(^a\)Includes breastfeeding clinic, colposcopy clinic, C-section prep clinic, non-stress test clinic, non-stress test assessment clinic, private hospital tour, Rhogam injection clinic, Family Birth Centre assessment clinic, FBC Foley Induction clinic, FBC obstetrical consults clinic, FBC prenatal clinic, FBC social work clinic
The 2013-2014 academic year has been a productive year for our department. It was filled with initiatives across our affiliated teaching sites which, collectively aim to improve the quality of care in the area of Women's Health. Under the guidance of Cate Creede and Danny Nashman from the Potential Group, our Chair, Dr. John Kingdom, has been working on establishing and advancing our strategic priorities. These priorities focus on research, quality improvement and patient safety, advocacy and public awareness, continuing professional and faculty development, and education.

Over the past year, the Chair and the Strategic Priority leaders have been using our guiding forces - unity, equity, advocacy, collaboration, leadership, and excellence - to establish overall goals and objectives for each strategic priority. The priority leaders have now formed supporting committees, which have established action plans and met on a regular basis over the course of the year to track progress, share ideas, and generate momentum. They have also been invited to ask for feedback and support from the Executive Committee on several occasions (see table below). Much enthusiasm from everyone involved has contributed to successful projects, such as establishing the GTA-OBS Network under the direction of Dr. Jon Barrett, piloting the CBME curriculum in MFM and PAG/REI rotations championed by Dr. Nicolette Caccia, and introducing the Collaboration Corner at Research Day to promote collaborative projects amongst researchers across all sites. With the Strategic Plan Launch event, which took place in May, 2014, we are moving closer towards fulfilling our Department’s goals and establishing ourselves as one of top five Obstetrics and Gynaecology Departments in the world.

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
<th>Number of Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Team Meeting</td>
<td>January 16, 2014</td>
<td>Faculty Club, University of Toronto</td>
<td>45</td>
</tr>
<tr>
<td>Strategic Plan Meeting</td>
<td>February 3, 2014</td>
<td>Medical Sciences Building, University of Toronto</td>
<td>25</td>
</tr>
<tr>
<td>Strategic Plan Launch Event</td>
<td>May 15, 2014</td>
<td>Pantages Hotel, St. Michael's Hospital</td>
<td>130</td>
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</tbody>
</table>
Division Reports
The Division of Core Obstetrics and Gynecology is the largest division within the Department of Obstetrics and Gynecology at the University of Toronto. Formally known as the “Generalists”, this group of physicians forms the infrastructure of the department. We are committed to providing excellent comprehensive care to our patients through a holistic lens, using an evidenced based approach. Our mandate is to impart the knowledge, judgement, attitudes and clinical skills necessary for our graduates to enter practice or pursue further subspecialty training.

The Core Division includes members from the three major teaching sites; SHSC, SMH, MSH, and Trillium Health Partners, physicians from our longstanding community teaching sites (TEGH, SJHC, NYGH), and a growing number from other community centres across the GTA.

Core specialists have their greatest impact in the area of medical education. Dr. Donna Steele is the Program Director for Postgraduate Medical Education and Dr. Rajiv Shah is our Undergraduate Director. Dr. Janet Bodley serves as the Faculty and Resident Wellness Director and Dr. Richard Pittini is the Director of Evaluations, Undergraduate Medical Education, University of Toronto Director and the Vice Chair of the Examination Board at the RCPSC.

We have also differentiated ourselves with certification and training in Medical Education, Ethics, Public Health, Quality Improvement and Patient Safety and Clinical Epidemiology.

Within the Division, there is excellence in MIS (minimally invasive surgery), resulting in a trend away from open hysterectomy and myomectomy to a minimally invasive approach. Some of our centres are doing over 85% of their cases in this manner. This has led to improved patient satisfaction, safety and reduced length of stay.

All residents train in core, before ultimately deciding on whether or not to pursue one of the other subspecialties. Virtually all Obstetrics and Gynecology in the province, outside of academic centres, is managed by core specialists. Within the university, it is the core division that takes on the responsibility for most of the teaching at all levels, from pre-clerkship to clerkship, postgraduate and continuing medical education.

**Goals of the Core Obstetrics and Gynecology Division:**

- To ensure that we provide comprehensive training for both community practice and within academic centres for excellence within core OB/GYN
- To encourage and support academic research within the division
- To engage our partners across the GTA, by defining issues related to safety and outcome. This is currently being addressed through the GTA-OBS Network, which will draw upon over 70,000 births to define best practices
- To allow trainees to pursue academic excellence from within the Core Division; by promoting and supporting postgraduate training in teaching, patient safety, public health, Global Women’s Health etc.
- To promote the notion of the role of a core practitioner within the TAHSN system
- To engage our alumni to support our goals through fundraising
- To lobby for the health care rights of our patients with government
The Gynaecologic Oncology program includes 5 hospitals: Sunnybrook Health Sciences Centre (SHSC), Princess Margaret Cancer Centre (PMH)/ University Health Network (UHN), Trillium Health Partners (THP), North York General Hospital (NYGH) and Women’s College Hospital (WCH). It includes 14 gynaecologic oncologists, 5 at SHSC, 7 at PMH, and 2 at THP. The SHSC gynaecologic oncologists provide surgical care at NYGH and the PMH group also operates at MSH and WCH. This is the largest group of gynaecologic oncologists in Canada and one of the most clinically active groups in North America.

Gynaecologic oncology supports medical student, resident and fellow education. All University of Toronto residents spend a month in gynaecologic oncology as a PGY 1 and 3 months as a PGY 3 or 4. The fellowship program is the largest and the only 3-year training program in Canada. It includes two years of clinical training along with 1 year of research with two fellows in each year. Over the past year the program graduated two fellows, Dr. Clare Reade and Dr. Sarah Sinasac. Dr. Clare Reade has accepted a staff position in Hamilton at the Juravinski Cancer Centre and Dr. Sinasac, after completing a locum in Vancouver, will be taking a position in Barrie at Royal Victoria Hospital.

The Gynecologic Oncology program is very committed to research. SHSC and PMH both have very robust research programs and many of the projects are collaborative between the two centres. Over the last two years this group has used an endowed fund, The McArthur Fund, to promote collaborative research between the two groups. Research supported by this endowment includes, sentinel node studies in endometrial cancer and a GOC 2 study where economic and clinical outcomes are being compared between robotic, laparoscopic and open surgery for endometrial cancer. Other studies receiving this support include ICES in endometrial cancer, and vulvar melanoma.

The Division of Gynaecologic Oncology has also become committed to an international (global) health initiative in Kenya. Several members of the Division have travelled to Kenya to provide education and training to gynaecologists in Eldoret as part of the University of Toronto AMPATH program. This program is also very active in research and has a Grand Challenges Canada Grant, as well as a grant from the National Institutes of Health and the Centers for Disease Control and Prevention.

Dr. Allan Covens is head of Gynaecologic Oncology at Sunnybrook Health Sciences Centre, and the fellowship director for the University of Toronto Gynaecologic Oncology Fellowship. He serves as the Principal Investigator at the Odette Cancer Centre for the NRG Oncology Group, and co-chairs the Rare Tumour Committee. He is also the co-chair of the Cervical Cancer Task Force for the National Cancer Institute (NCI) (USA) and is the Principle Investigator for GOG #278, a multicenter cohort study evaluating functional outcomes after non-radical surgery for early stage cervical cancer. Dr. Kupets has recently been appointed to lead scientist for the Ontario Cervical Screening Program. Dr. Lilian Gien has recently been appointed to junior Principal Investigator for the Sunitinib arm of the NCI MATCH trial. She continues to evaluate and publish data from the Vulvar Cancer Grant. She also sits on the Cervix Committee for NRG Oncology, and is evaluating factors predictive for outcome in phase II trials for recurrent and advanced cervical cancer as part of her Young Investigator Award from the GOG. Dr. Danielle Vicus has successfully been awarded two peer reviewed grants for investigator initiated clinical trials- 1) oral iron therapy to reduce the likelihood of homologous blood transfusions, and 2) a study evaluating Anal Intraepithelial Neoplasia in women with a history of cervical cancer or high grade dysplasia. Dr. Ray Osborne is the Co-Principal Investigator on a large multicenter randomized study in low risk gestational trophoblastic neoplasia.
Dr. Barry Rosen is the Head of Gynaecologic Oncology at University Health Network. Dr. Joan Murphy continues to lead the cervical cancer-screening program at Cancer Care Ontario. Dr. Stephane Laframboise is the site group leader in gynaecologic oncology at the Princess Margaret Hospital and is fellowship coordinator for the UHN site. Dr. Sarah Ferguson has successfully been promoted to Associate Professor in Obstetrics and Gynaecology and she has done this very quickly. She is also the Principle Investigator for the NCIC “SHAPE” trial that will compare radical to simple hysterectomy for small stage 1b cervical cancers. Dr. Marcus Bernardini is leading two national studies. The first involves the evaluation of high-risk endometrial cancers and includes both basic and clinical science research. He is also the Principal Investigator on a GOC 2 study.

The PMH group has a very robust program in hereditary breast and ovarian cancer, which is focused on identifying BRCA germline mutation carriers and providing them with strategies for cancer prevention. Dr. Sarah Ferguson leads the group’s initiative in survivorship, which has become a very important part of cancer care at all cancer centres. She is conducting several studies and is part of several research projects including two where she is the Principal Investigator. She is also the Principal Investigator on studies looking at investigating Lynch syndrome and endometrial cancer.

Dr. Taymaa May joined the PMH group in September 2013 after completing her fellowship in Boston at Harvard University. Her interests include the development of collaborations in basic science research. She is already working closely with Dr. Ted Brown at MSH.

Dr. Tomer Feigenberg joined the Division in December 2013 and has taken a staff position at Trillium Health Partners. He completed his fellowship in 2013 at the University of Toronto and has an appointment as an Assistant Professor in Obstetrics and Gynaecology. He joins Dr. Samar Nahas at Trillium Health Partners.
Introduction:

Our division encompasses three downtown TAHSN (Toronto Academic Health Science Network) hospitals, with members between Mount Sinai Hospital, Sunnybrook Health Science Centre and St. Michael’s Hospital. We provide consultative services for complicated pregnancies throughout the GTA and across the country for topics such as fetal therapy. We are a highly productive division in terms of education, research and administrative services within the Department of Obstetrics and Gynaecology at the University of Toronto. I became the head of the Division as of January 1, 2014 for a period of 5 years.

Highlights:

With the advent of John Kingdom assuming the chair’s position, we, along with other divisions underwent a strategic planning exercise culminating in a new 5 year vision of connectedness: furthering our collaborative efforts as TAHSN divisional members as well as forming a bold new direction in building a network of MFM into the GTA. This network, which has wide buy-in from TAHSN and community hospital sites, will provide an academic U of T vision of research, quality improvement and strategic recruitment of physicians to better deliver high quality MFM services to the over 65,000 pregnant women in the GTA. A GTA-wide obstetrical network (GTA-OBS Network), headed by Jon Barrett, has made significant advancements in research and quality improvement initiatives toward these goals as of June 2014.

Our fellowship continues to flourish under the leadership of Dr. Cindy Maxwell, and our 2014 graduates (Tim van Meighem, Nir Melamed, Ryan Hodges, Rohan D’Souza, Anne-Maude Morency) have either returned to their desired centres to practise, or have been recruited to Sunnybrook Health Sciences Centre (Nir Melamed), or Mount Sinai Hospital (Rohan D’Souza). St. Michael’s Hospital graduated 2 fellows from their High-Risk Fellowship who have gone on to further studies at Motherisk. In addition, Dr. Anne Berndl from McMaster was recruited to Sunnybrook where she will join the productive team at the Centre for Maternal, Infant and Child Research.

Jon Barrett was promoted to full professor.

The Division continues to have a strong research and publication record as evidenced in the publication section of the Annual Report. In addition, we continue in a strong role in CME locally, nationally and internationally.

Future Initiatives:

July 2014 to June 2015 promises to be an exciting and productive year as we further embark on initiatives to capitalize on the potential that a strong GTA-wide MFM network can deliver to the University, the GTA region, nationally and internationally.

Honours:

APOG Excellence in Research Award:
 Jon Barrett
Introduction:

The Division of Paediatric and Adolescent Gynaecology (PAG) includes Division head Lisa Allen, and staff members Anjali Aggarwal, Nicolette Caccia, Sari Kives, Ali Nevin, and Rachel Spitzer. Maintaining a diverse practice in common conditions and rare challenges, the Division, including the adolescent pregnancy program, provides over 2500 ambulatory visits annually, and attracts national and international referrals to its surgical complex anomalies program. It links with two community PAG clinics at North York General Hospital and at Toronto East General Hospital. In these clinics children and adolescents receive care closer to home.

The program also participates in the new Young Women’s Gynecology Program, a transitional program for young women providing reproductive health care for women ages 17 to 25. Young women 17 years of age and up are now transitioned to this program at Women’s College Hospital, under the direction of Dr. Yolanda Kirkham.

The Division continues to thrive under a new model of disseminated leadership where each member has taken on expanded administrative responsibilities.

Highlights:

We continue to fulfill our mandate to enhance the gynaecologic care of children and adolescents through education and research. Our fellowship program attracts strong applicants and we educate residents and trainees from other subspecialties. We participate with other fellowship programs in Canada and the United States in the North American Pediatric Gynaecology Fellowship match.

Dr. Elizabeth Miller was invited to present the 3rd Annual Carol Cowell Lectureship in Paediatric Gynaecology at the University of Toronto on Reproductive Coercion on January 10th, 2014.

The Pediatric Gynecology Review Day, which occurred in January 2014, was again well attended with excellent reviews.

The provincial, national and international presence of our members continues to be strong. Dr. Allen continues as Co-Chair of CANPAGO and Dr. Spitzer is the Ontario representative. In addition, Dr. Allen is a liaison to the American College of Obstetricians and Gynaecologists Adolescent Health Committee. She also continues as a member of the Subspecialty Committee of APOG and is the President Elect on the Board of the North American Society of Pediatric and Adolescent Gynecology. Dr. Kives is a member of the Abstract Committee and Annual Clinic and Research Meeting Planning Committee. She is also Co-Chair of the International Women’s Health Committee of the SOGC.
of which Drs Aggarwal and Spitzer are members. Dr. Aggarwal is also a member of the Social and Sexual Issues Committee.

**Future Initiatives:**

The Division completed a Pediatric and Adolescent Gynecology Planning Session in November 2013. The vision for the next 5 years of the Section is to continue our leadership in advancing gynaecological care and treatment for young women in Toronto, Ontario, Canada and around the world. The Division determined 7 priorities, which were further collapsed into a focus on two areas: Advocacy and Innovations in Education.
Introduction:

Members of the REI Division include a diverse array of board-certified and non-board-certified subspecialty-trained academic clinicians, clinician-scientists, and translational/basic scientists. Their activities focus on clinical care and/or research associated with female reproductive endocrinology or fertility. The Division currently consists of 25 members, making it one of the largest REI Divisions in North America. Members of the Division operate five independent fertility clinics, offering a full range of diagnostic services. Four of these have on-site state-of-the-art embryology and andrology laboratories. A Mature Women’s Health & Menopause Clinic, run out of Mount Sinai Hospital by Dr. Wendy Wolfman, is the first such clinic in Canada. In addition to providing focused care, these clinics provide the Department training in REI for medical students, residents, and fellows. Division members offer fellowship training through a RCPSC-accredited GREI fellowship program at the Centre for Fertility and Reproductive Health (at MSH) and independent non-accredited REI fellowship programs at CReATe and TCART. We also offer a two-year non-accredited fellowship in mature women’s health.

Highlights:

Members of the Division participate in multiple research, educational, and advocacy initiatives directed at improving patient care and delivery. Several of the fertility clinics have incorporated time-lapse photography into their embryology laboratories this year. This emergent technology enables minute-to-minute tracking of developing embryos in real-time, providing information that can be used to guide embryo selection for transfer procedures. Moreover, the technology offers a research tool to better define key embryo developmental and histomorphological parameters to track and correlate with developing molecular traits and markers. Areas of advocacy for Division members include public funding for infertility treatment, awareness and intervention for fertility preservation for women (and men) of reproductive age undergoing chemotherapy or radiation therapy, and assisted reproduction for the LGBTQ community. As cancer survivorship rates have increased, quality of life issues, including fertility and the preservation of ovarian function, have become paramount. On October 25, 2013, the Ontario Onco-Fertility working group, of which Drs. Ellen Greenblatt and Karen Glass are members, presented to Cancer Care Ontario urging expansion of access to fertility preservation as well as patient and health practitioner education. As members of the Scientific Advisory panel, Drs. Greenblatt and Glass also advise the CKN Canadian Oncofertility Referral Network as a nationwide initiative that connects patients with doctors and fertility clinics to facilitate time-sensitive procedures needed to preserve fertility in young patients facing life-preserving cancer therapies. Drs. Greenblatt and Marjorie Dixon were also instrumental members of the Conceivable Dreams patient group that successfully lobbied the liberal government to include expansion of access to IVF in their budget.
Future Initiatives:

Through the Department Strategic Planning process, the Division has identified key areas to solidify our international leadership in fertility research, clinical care and education. Under the leadership of Dr. Yaakov Bentov, and with input from Drs. Heather Shapiro and Ted Brown, a business plan for a Professional Masters in Health Science Program in Advanced Reproductive Technology has been developed. This plan is undergoing refinement with help from the Institute of Medical Science, and will be submitted to the Provost’s office for initial approval in the coming months. This program will provide an academic platform to galvanize a large key segment of the Division toward a single goal. This past spring, Dr. Crystal Chan organized a Department-sponsored meeting of REI fellows from all three fellowship programs to discuss their research and opportunities for collaboration. The Division will continue to work to enhance communication and collaboration amongst the three fellowship programs and to generate a city-wide REI group to address critical areas for collaborative research and advocacy.
Honours:
American Board Subspecialty Certification in FPMRS: Patricia Lee
1st place at “AAGL Olympics”: Daniel Margel (AAGL Fellow-SHSC)
Chair’s Award for Postgraduate Education: Grace Liu
Chair’s Award for Excellence in Integrated Postgraduate Education: Mary Melchior
62nd Annual Marlowe Lecture to the Society of Obstetricians and Gynecologists of Toronto (SOGT), formerly the Academy of Medicine of Toronto: Delivered by Harold Drutz

The Division of Urogynaecology at the University of Toronto constitutes the university program in Female Pelvic Medicine and Reconstructive Pelvic Surgery (FPMRS). The program teaches and trains medical students (Core and Elective) and Core and Elective Residents in Obstetrics and Gynaecology and Urology from the University of Toronto and other national and international universities. Mount Sinai Hospital, with a branch at the Baycrest Geriatric Centre (BGC), offers a three year postgraduate fellowship training program with two years of clinical training and one year of basic science and clinical research training. In addition, St. Michael’s Hospital and Sunnybrook Health Sciences Centre offer a two year fellowship training program.

Faculty members at Mount Sinai Hospital are: Drs. Harold P. Drutz (MSH and BGC), Danny Lovatsis (MSH/WCH), May Alarab (MSH and BGC), William Easton (Associate Staff at Scarborough Centenary Hospital) and Phaedra Diamond (Associate Staff at Scarborough Centenary Hospital). Dr. May Alarab heads our Basic Science Research Program, with the collaboration of Oksana Shynlova (PhD Basic Science Researcher). At St. Michael’s Hospital there are two trained sub-specialists at FPMRS (Drs. Dana Soroka and Colleen McDermott, Division Head). In addition, Drs. Guylaine Lefebvre, Sari Kives, Abheha Satkunaratnam and Deborah Robertson are the subspecialists in Minimally Invasive Gynecologic Surgery (MIGS). At Sunnybrook, Drs. Patricia Lee, Janet Bodley and Rose Kung are the full time Urogynaecology Faculty and are part of a group of eight MIGS surgeons, including Drs. Kai Lee, Grace Liu, Herb Wong, Jamie Kroft and Mary Melchior at St. Joseph’s.

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Promotions:
Jamie Kroft- to Assistant Professor
May Alarab- to Associate Professor
Janet Bodley- to Associate Professor

Future Endeavors:
SHSC- Virtual Reality Stimulator
MSH- Robotic Surgery for FPMRS

Professor Drutz is working with the three teaching sites, the affiliated teaching sites, and the community sites to unify FPMRS across the GTA.
Program Reports

Division of UroGynecology
Harold Drutz, Division Head

Publications (papers and abstracts)

Presentations (local, national, international)

Grants

SHSC 13 26 2
MSh 5 papers, 9 abstracts 22 4
SMh 3 21

Promotions:
Jamie Kroft - to assistant professor
May Alarab - to associate professor
Janet Bodley - to associate professor
Introduction:

The Undergraduate Medical Education Committee is committed to ensuring excellence in teaching and training of our medical students by offering a diverse experience in the clerkship program. The Committee meets approximately once a month to discuss issues affecting undergraduate education in order to create innovative educational strategies for the curriculum, generate guidelines and respond to course evaluations, all with the goal of enhancing the student experience.

Highlights:

» The Mississauga Academy of Medicine (MAM) completed its first year of a block Clerkship. The program has been well received by the students and we would like to thank the Faculty for their help in making this successful.

» Both St. Joseph’s Health Centre and Toronto East General Hospital will offer the full six-week block clerkship rotation to our students in the new academic year. We are delighted by their commitment to undergraduate education and thank all those who helped make this opportunity a possibility.

» We are pleased to announce that the first group of students in the longitudinal integrated clerkship program will begin at the Fitzgerald Academy in the Fall of 2014. The students are very excited to be part of this pilot project in a novel medical education model at U of T. The establishment of this program required a lot of time and energy by so many, and we thank all those who have contributed.

» The second year medical school curriculum in ObGyn was overhauled to include new topics and speakers. We are very excited to be offering this new curriculum to the students, which now also covers topics in global health. Furthermore, a new case in the ethics program has been added, which will enrich the student experience.

» Two Kenyan medical students, Ian Mwangi and Mathews Oluoch, did an Obstetrics and Gynaecology elective with our faculty at Mount Sinai Hospital and St. Michael’s Hospital from August 16 to September 24, 2013. They found their experience extremely rewarding from an educational and personal perspective.

Future Initiatives:

We will be working closely with all our Site Coordinators in the coming year as there are plans for expansion of the longitudinal integrated clerkship program to the other Academies. We are also working with new community affiliates with the goal of training our students at these new sites. Furthermore, we continue to work with the Vice-Chair of Education to follow the goals set out in our recent strategic plan.

I would like to extend a personal thanks on behalf of all of the students and Faculty to Ms. Jeannette Moniz and Ms. Katherine MacRury for all their hard work and dedication to the Undergraduate Program.
Introduction:

For 2013-14, our 65 residents participated at 9 clinical sites in our Residency Program. The Residency Program Committee, comprising faculty and resident representation from each year, plans and oversees a quality educational experience designed to produce excellent practitioners in Obstetrics and Gynaecology, as well as future leaders and researchers. Twelve new PGY1s joined our program in July 2013. We congratulate the 12 PGY5s who successfully completed the Royal College exams in May 2014, and wish them all the best in their future endeavours.

Highlights:

The Royal College confirmed full accreditation for our program in its November 2014 final report.

The second year of the new two-year Academic Half Day curriculum was completed with excellent Resident feedback. Two hours are faculty driven and one hour is resident driven, reviewing seminal papers and guidelines. Specific objectives cover medical expert content and other CanMEDS roles. Our Journal Club, initiated February 2013, continues quarterly. Following an Academic Half Day, four Residents critically appraise a paper in pairs under the guidance of a Faculty facilitator.

In the Global Health area, our program hosted the first elective resident from Kenya, Dr. D W Kosgei, with Jackie Thomas and Jason Dodge as supervisors. One of our residents completed an elective at Moi University in Eldoret.

We had a major change in our end-of-year/awards celebration, moving from a BBQ venue to a more formal Awards Ceremony at the Faculty Club, which also included the Fellows. Our PGY5 residents took a strong interest in the ceremony and staged a surprise “PGY5 Faculty Appreciation” presentation. The event was considered a great success.

We hosted the 2013-14 CaRMS interviews at a new location, CEPHEA on Bloor St, and included a major innovation: for the first time, we asked CaRMS candidates to participate in a research study to assess whether basic surgical tasks should be used as part of the selection criteria for medical students entering surgical residency.

The NightFloat (NF) Call System, which addresses decreased resident duty hours and fatigue, as outlined by the Royal College, was introduced at the three core sites of Mount Sinai, St. Michael’s, and Sunnybrook hospitals on July 1, 2013. The NightFloat Nucleus Committee continued to refine the NF call system over the course of the year, with the objective of adjusting the system to better accommodate the residents’ feedback. The plan is to create a more flexible NF system rather than require 3 consecutive weeks of NF, starting July 1, 2014.
Our program was engaged in preparing for Competency-Based Medical Education (CBME) as mandated by the Royal College. Dr Nicolette Caccia, presented an overview of CBME at the Interhospital Rounds on February 14, 2014. Design and implementation of CBME requires not only an understanding of underlying educational theory, but also an ability to operationalize this change. The Residency Program Committee will implement pilot curricula in Maternal Fetal Medicine and Reproductive Endocrinology and Infertility/Pediatric Adolescent Gynaecology on July 1, 2014, under Dr Caccia’s guidance. The Rotation-Specific Objectives were used to create a matrix that acts as a portfolio of activities to be reviewed frequently during the rotation in order to facilitate the adjustment of training opportunities to ensure achievement of the expected competencies. The assessment tools will be used to provide frequent formative assessment as well as summative assessment.

After 11 years, Jackie Thomas stepped down as site coordinator at Mount Sinai Hospital, and also as the head of the ObGyn OSCE preparation for the Royal College exams. Jackie’s work has been recognized by the residents with repeated CREOG awards, most recently in 2013. We would like to publically thank Jackie Thomas for her significant contribution to our Residency Program. We are delighted to announce that Michele Farrugia is the new MSH site coordinator, and that Marie Czikk, MSH, has assumed the responsibilities for the Royal College OSCE preparation.

**Future Initiatives:**

Starting July 2014, our program will incorporate the LEAD (Leadership Education and Development) Program in AHD.

End of Rotation Exams for all subspecialty rotations, including GyneOnc, MFM, REI, and Urogynaecology, will be implemented in 2014-15.

Residents will participate in the McMaster University project, Personal Progress Reporting, in 2015-16. The purpose is to provide information about how residents are progressing throughout their residency.
During this academic year we welcomed almost as many post residency trainees as we did residents, with over 40 PGY6, and 7s, and clinical and research fellows. In addition to the three RCPSC recognized training programs (REI, Gyn Onc and MFM), we have three minimally invasive surgery training programs, two reproductive science programs as well as sites for urogynecology, advanced obstetrical training and menopause.

Despite the diversity of programs and the geographical spread, we maintain a sense of cohesion through our quarterly Fellowship Directors meetings, which has two trainee members, and our city wide fellow seminars. The Introduction to Research Course, led by Dr. Kellie Murphy, was particularly well received, as was a visit from a representative from the CMPA.

The challenges of coordinating universally convenient times for teaching remain, as does the challenges of developing a unified time schedule for release and acceptance of offers. Nonetheless, great progress has been made through the work of the Committee.

Cindy Maxwell, as a member of the fellowship directors group and a member of the PGME Committee on Fellowship Training, was able to provide guidance and insight with respect to the university vision for post-residency training.

The Fellowship programs contribute in large part to this department’s strong and growing international reputation. Future initiatives will include an expansion and broadening of the Research Course and other activities in line with the strategic plan of the department.
In partnership with CEPD (Continuing Education and Professional Development), the Department of Obstetrics and Gynaecology strives to strengthen the quality of life-long education of physicians and health care providers locally, in Canada and around the world. Our mission, through education, is to develop and equip health leaders in the area of women and infant health with the most up-to-date and relevant knowledge through research and the dissemination of information.

Locally, inter-hospital rounds were held on a monthly basis and were successfully webcasted throughout hospitals in the Greater Toronto Area. We are thankful for the technology available to do this and are looking forward to expanding our use of technology in the future.

2013 - 2014 was another impressive year for postgraduate education. Our sincere appreciation and recognition go to the following individuals who committed significant time and effort to develop the outstanding programs listed below:

**2013-2014 CME Courses:**

- **Paul Bernstein**
  - Preventing the First C-Section
  - November 2013

- **Mathew Sermer & Cindy Maxwell**
  - 4th Bi-Annual Medical Disorders in Pregnancy
  - November 2013

- **Jackie Thomas**
  - 9th Annual Everyday Gynaecology
  - November 2013
  - The Management of Common Gynaecologic Conditions

- **Lisa Allen & Rachel Spitzer**
  - Paediatric Adolescent Gynaecology Review Day
  - January 2014

- **Dan Farine**
  - January 2014

- **Deborah Robertson & Guylaine Lefèbvre**
  - 5th Annual Women’s Health Symposium
  - February 2014

- **Greg Ryan & Rory Windrim**
  - 17th Annual Women’s Imaging Advances in Gynaecologic Imaging & First Trimester Ultrasound
  - February 2014

- **Harold Drutz & Wendy Wolfman**
  - 10th Annual Mature Women’s Health Care
  - April 2014
2013-2014 CME Courses (continued):

David Chitayat  
17th Annual  
New Developments in  
Prenatal Diagnosis & Medical Genetics  
May 2014

Michèle Farrugia  
2nd Bi-Annual  
Overcoming Breastfeeding Challenges  
June 2014

Rory Windrim,  
Michèle Farrugia & Kellie Murphy  
10th Annual  
Refresher in Primary Maternity Care  
June 2014

2013-2014 Interhospital Rounds

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| September 13, 2013 | Dr. Jon Barrett  
The Twin Birth Study: A Randomized Trial | Sunnybrook Health Sciences Centre             |
| October 11, 2013  | Dr. Gideon Koren  
Alcohol use and Pregnancy: What is the Issue?     | St. Michael's Hospital                        |
| November 8, 2013  | Dr. Adalsteinn Brown                                | Mount Sinai Hospital                          |
| November 29, 2013 | Dr. Walter Gotlieb  
APOG/ Cannell Lecture  
Clinical Outcome and Cost-Effectiveness of Robotic Surgery for Gynaecologic Cancers | Marriot Hotel Eaton Centre, Toronto           |
| January 10, 2014  | Dr. Elizabeth Miller  
Carol Cowell Lectureship in Paediatric & Adolescent Gynaecology  
Reproductive Coercion | Sunnybrook Health Sciences Centre             |
| February 14, 2014 | Dr. Nicolette Caccia  
Competency-Based Medical Education: The Wave of the Future | St. Michael's Hospital                        |
| April 11, 2014    | Dr. Nanette Okun, Dr. David Chitayat, Ms. Hana Sroka and Ms. Andrea Staines  
Prenatal Screening and Diagnosis of Genetic Disorders: Changing Paradigms | Sunnybrook Health Sciences Centre             |
GLOBAL HEALTH IN THE DEPARTMENT 
LEADING WITH CARE THROUGH AMPATH

When it comes to our Global Health contributions, there is no shortage of international collaborations and perspectives that could be cited thanks to our global diversity. But with this first opportunity, we want to focus on our involvement in the Academic Model Providing Access to Healthcare (AMPATH). AMPATH promotes equity and excellence in the care of women worldwide, and seeks to build capacity in care, education and research in sub-Saharan Africa.

‘Leading with Care,’ AMPATH is a consortium of universities and academic health centers that have supported the establishment of the Moi University School of Medicine in 1989 and an ambitious HIV and Primary Care program. It has been recognized by the Government of Kenya as a ‘learning laboratory’ that can generate and test innovative solutions to health problems by drawing on its rich expertise in Clinical Care, Community Services, Research, and Informatics. Through sponsors, including USAID, Saving Lives at Birth and Grand Challenges Canada, we have co-led and implemented novel, as well as proven MNCH activities in 7 innovative sites covering a population of 750,000. Since 2013, this work has been scaled-up to partnerships with 8 counties, 22 sub-counties, and a catchment population of 3.5 million.

Leadership:

2013-14 was another year of growth and development for the AMPATH-Reproductive Health program. Dr. Alan Bocking passed the torch as lead for the University of Toronto in the AMPATH program to Dr. Rachel Spitzer, the new Vice-Chair of Global Health. As recognition for his contributions, a scholarship was established in his name to support promising Kenyan residents and students coming to Toronto on elective. Dr. Barry Rosen increased his involvement through his mentorship of a newly born Specialty in Gynaecologic Oncology within the Department at Moi University. In Eldoret, Dr. Astrid Christoffersen-Deb leads the University of Toronto’s commitment to care, education and research as Field Director for Reproductive Health, in collaboration with Dr. Julia Songok from Moi University and Dr. Laura Ruhl from Indiana University. Our residents and students continue to benefit from the generous expertise of Johanna Sitters, our Midwifery Instructor at Moi Teaching and Referral Hospital (MTRH).

Care:

The landscape of care in Kenya has shifted dramatically over the last year, contributing to busier health facilities, operated by new governing entities. At MTRH, the number of women seeking care at the time of delivery has increased by 50%. This rise in demand has brought greater urgency to develop innovative ways to stretch the often scarce resources in the supply chain. We are especially interested in exploring Lean approaches to healthcare and human-centered design to improving care delivery. Using the national curriculum, we have worked with county governments to provide emergency obstetric care training to providers, integrate family planning into maternity care, and enhance the community delivery of health.

In Oncology, our care delivery capacity has grown with the establishment of the Gynecologic Oncology fellowship program, a first in East Africa. The cervical cancer screening program expanded to another clinical site, and screens over 6,000 women annually. We are also paying attention to related clinical specialties with expansion of collaborative services to palliative care and specialty oncology nursing, with a view to increase capacity in these areas in western Kenya.
Education:

As part of AMPATH’s commitment to reciprocity with Moi University, we welcomed two senior medical student electives, Matthew Oluoch and Ian Mwangi, who rotated at Mt Sinai and St Michael’s Hospitals; and a third-year registrar (resident), Dr. Wycliffe Kosgei, who had a wonderful experience in Toronto between January-February, 2013, experiencing gynecologic oncology and maternal-fetal medicine rotations. We welcomed gynaecologic fellows from Brown University and the University of Toronto to support the Gynecologic Oncology subspecialty program. Medical students from the University of Toronto also spent time in Eldoret to work on CREMS research projects and for senior clinical selective placements. We were delighted to host Drs. Nan Okun, Rose Rahman-Braude, and Alison Buchon, the Vice Dean of Research in the Faculty of Medicine, to explore further research opportunities.

If there is one area of Global Health that demonstrates the role of the university, it is in the establishment of the Gynaecologic Oncology program at Moi University. Under the guidance of Drs. Barry Rosen, Hillary Mabeya and a team of gynecologic oncologists and collaborators, the program enrolled its second year of gynaecology oncology fellows in Eldoret with Dr. Philip Tonui enrolling as junior trainee, and the first 2 trainees, Drs. Elkanah Orango and Peter Itsura, becoming the first gynecologic oncologists trained in Kenya. This is the first gynecologic oncology training program ever developed in Sub-Saharan Africa and is an opportunity to develop sustainability in cancer care in Kenya, as more Kenyans train and obtain the expertise needed to diagnose and treat gynecologic cancers.

Research:

With greater care has come the opportunity to enhance capacity for research. ‘Leaping’ ahead is the Gynecologic Oncology program that has secured valuable mentorship from Drs. Barry Rosen and Susan Cu-Uvin, Brown University. The program has attracted grant funding from Grand Challenges Canada, NIH, Centre for Disease Control, PEPFAR CFAR, and the Princess Margaret Cancer Centre. Over the past 5 years, this funding has amounted to over $6 million and made important investments in reducing the burden of cervical cancer, a leading cause of mortality in women. This has also supported the design, implementation and evaluation of nurse-led models of care in rural areas in the screening and treatment of cervical dysplasia.

Looking to next year, we anticipate growing links between our department and the Dalla Lana School of Public Health. With the graduation of Kenya’s first gynaecologic oncologists, we welcome adapting this innovative training model to additional specialties, particularly, Maternal-Fetal Medicine and Global Women’s Health and Equity. Finally, understanding the fundamental role of the university as an engine of growth and innovation, we look forward to further opportunities for learners and faculty to interact and advance capacity in women’s health.

We hope that this first contribution to the Annual Report has made visible the extent to which our co-leadership in the AMPATH-Reproductive Health collaboration has become a cornerstone of our department. Not only does it make us unique among Canadian academic ObGyn departments, it should leave each one of us uniquely proud of our department’s commitment to a particular kind of global health. One that is attentive to local needs, built on reciprocity, sustained by co-leadership, committed long-term, and always, leading with care.
The Department’s Educational Partnership initiative continues to develop and support teaching activities within the areas of Undergraduate, Postgraduate, and Continuing Medical Education.

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

The 2013 – 2014 Industry Sponsors are:

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We look forward to future collaborations that continue to enhance development and growth within the educational programs of the Department.
Committee Reports
The Department and Promotions Committee are pleased to announce the following promotions, effective July 1, 2014:

To full Professor

**Dr. Wendy Wolfman**
(Mount Sinai Hospital)

Dr. Wolfman directs the Mature Women’s Health program at Mount Sinai Hospital. She has achieved an international reputation in this field, including establishing one of the first menopause fellowship training programs in North America. Dr. Wolfman’s research output is widely cited. One of her more recent achievements has been the creation of a Premature Ovarian Insufficiency clinical program. In recent years, 4 of her students have received prizes at international meetings for their research. She has served in many senior administrative capacities, notably as Chair of the Consumer Education Committee of the North American Menopause Society. Furthermore she has made many significant contributions within the Society of Obstetricians and Gynaecologists of Canada.

To Associate Professor

**Dr. May Alarab**
(Mount Sinai Hospital)

Dr. Alarab has had a very successful junior faculty career as a clinician-investigator in Female Pelvic Medicine and Reconstructive Surgery (FPMRS) at Mount Sinai Hospital. She has received several intra-mural and external peer-reviewed grants to develop her translational science program based at the Lunenfeld Tanenbaum Research Institute. May has received many national and international awards for her research, notably a “top-5” Distinction Award in 2011, followed by a Best New Investigator award from the Society for Gynecologic Investigation. She has achieved an impressive 12 original peer-reviewed publications since commencing on faculty in 2008, two as 1st author and seven as senior author. In addition to her significant achievements in creative professional activities and teaching, she has several administrative achievements, including serving on the International Urogynaecology Association Scientific Committee and as a grant reviewer for the American Urogynecologic Society Foundation.
**Dr. Janet Bodley**  
(Sunnybrook Health Sciences Centre)

Dr. Bodley has had a very successful junior faculty career as a clinician-educator in Female Pelvic Medicine and Reconstructive Surgery (FPMRS), Minimal Access Surgery, and in Resident Wellness, based both at Sunnybrook Health Sciences Centre and at the Faculty of Medicine. Considered to be an excellent teacher, she has received 5 local awards, including the esteemed Neelam Sierra Resident Advocacy Award and a National Carl Nimrod Educator Award. Her research on factors affecting academic promotion is considered very influential at a national level. She is credited with developing our very valued Resident Wellness Program and she has a particular interest in the important subject of the “hidden curriculum.” Janet is also an RCPSC examiner for Obstetrics & Gynaecology.

**Dr. Sarah Ferguson**  
(Princess Margaret Hospital and University Health network)

Dr. Ferguson has had a very successful career as a clinician-investigator in Gynecologic Oncology, establishing the PMH Gynecologic Oncology Research Program. Her own areas of interest include reducing surgical morbidity, centered around less invasive methods to identify sentinel lymph nodes as well as the development of novel approaches to address the impact of the diagnosis and treatment of gynecologic cancer upon quality of life, sexuality and body image. She is further interested in developing a personalized medicine approach for women at risk of Lynch syndrome. Since her appointment, she has obtained 7 intra-mural and 7 extra-mural grants, from which she has achieved 23 publications since her faculty appointment in 2006. For these achievements, she received the Chair’s Award for Outstanding Research Potential in 2013. Her research has been recognized both nationally and internationally. Sarah is also well known for her innovative creative professional activity, centered on the development of a sexual health program for survivors of gynecologic cancer. Her multidisciplinary team at PMH is well recognized for this important work.
Introduction:

The Research Committee meets throughout the year to provide support for research communication, training, and collaboration within the Department of Obstetrics and Gynaecology. Membership reflects the heterogeneity of the Department, with cross-divisional and institutional representation, and presently includes 15 faculty members, one resident, and one fellow. A primary function of the Committee is the planning, organization, and execution of our annual Research Day. The Committee was again fortunate this year to be well supported by Mrs. Helen Robson and Department staff.

Highlights:

The 31st annual Department of ObGyn Research Day was held at Northrop Frye Hall at Victoria College on May 9th and had approximately 300 registrants. This year we had a total of 89 abstracts submitted by our trainees, which exceeds our previous record of 85 abstracts. Research Day also saw multiple new initiatives. A new poster venue, termed “Collaboration Corner,” was put in place. This effort introduced faculty-initiated projects to attract collaborators from across the Department’s affiliated institutions. For the first time, Research Day was a continuing medical education (CME) event, providing up to 7.5 hours of credit. To facilitate the work of Mrs. Robson and the Committee, we piloted a new online registration and abstract submission service. As part of this service, and in the interest of going ‘green’, we introduced a mobile app that provides registrants with searchable access to abstracts, maps, schedules, and announcements regarding the meeting.

As always, a highlight of Research Day was the Henderson Lecture, established in 1965 through the generosity of the Henderson family in honour of Dr. Donald Nelson Henderson, a valued member of our Department. Dr. Aidan Halligan, from University College London Hospitals in the UK, delivered a truly inspirational and engaging lecture on “Rediscovering Lost Values: Leadership in a Challenging Clinical Environment.” In addition, Dr. Halligan met informally with multiple groups to discuss topics related to patient safety in specific clinical settings.

Future Initiatives:

To enhance Resident research within the Department, the Research Committee, with support from the Residency Program Committee, will host interactive Resident Research Proposal Presentation Sessions. These sessions, which are in keeping with current APOG guidelines, will enable the residents to present their research ideas to interested faculty and peers and receive constructive feedback to improve and/or refine their research. We will be running two preliminary sessions in the summer of 2014, and hope to incorporate these into the Academic Half-day schedule for next year. The Committee will also work to implement directives stemming from the Department’s Strategic Plan. Several workshops and sessions will bring together multiple facets of our Department to discuss common clinical questions leading to collaborative research. Research Day 2015 will take place at St. Michael’s College on Friday, May 8th. Our Henderson Lecture will be delivered by Dr. Hamish Wallace, Professor and Consultant in Paediatric Oncology, Royal Hospital for Sick Children and University of Edinburgh, UK, on the topic of Oncofertility. We look forward to his insights in the consideration of improvements in cancer treatments that have led to increased survival and focused attention on quality of life issues, including fertility preservation. We also look forward to improvements in the Research Day 2015 mobile app and to enhanced integration of the Collaboration Corner.
Significant Honours & Awards
2013-2014 DEPARTMENT AWARDS

Chair’s Awards

Rajiv Shah  Excellence in Undergraduate Teaching
Abhe Satkunaratnam  Excellence in Postgraduate Teaching
Sybil Judah  Excellence in Integrated Undergraduate Education
Mary Melchior  Excellence in Integrated Postgraduate Education
Danielle Vicus  Excellence in Postgraduate Program Development/Innovation
Colleen McDermott  Outstanding Research Potential
Lilian Gien  Outstanding Research Potential
Barry Rosen  Sustained Excellence in Research
Rory Windrim  Excellence in CME Teaching
Dan Farine  Excellence in CME Course Coordination

Awards for Undergraduate Teaching Excellence

Scott Tigert  Credit Valley Hospital
Patrick Liao  Mississauga Hospital
Matthew Morton  Mount Sinai Hospital
Marcus Bernardini  Mount Sinai Hospital
Mondupe Tunde-Byass  North York General Hospital
Elaine Randy Herer  Sunnybrook Health Sciences Centre
Tatiana Freire-Lizama  St. Michael’s Hospital
Sybil Judah  St. Joseph’s Health Centre
Melissa Tai  Toronto East General Hospital

Master Teacher Awards

Sybil Judah
Tatiana Freire-Lizama
Mondupe Tunde-Byass
EXTERNAL HONOURS AND AWARDS

Jon Barrett
2013 Excellence in Research Award
Association of Academic Professionals in Obstetrics and Gynaecology of Canada (APOG)

Howard Berger
2013 Best Abstract in Breastfeeding Research Award
American Academy of Pediatrics Section on Breastfeeding
Orlanda, Florida, USA

Dalip Bhangu
2014 Clinical Office Teaching Commendation Award
Faculty of Medicine, University of Toronto

2014 President's Award for Clinical Teaching
Trillium Health Partners

Navid Esfandiari
2013 ASRM Star Award
68th Annual Meeting of the American Society for Reproductive Medicine

Clifford Librach
2014 Best Presentation (Principal Investigator)
International Society of Extracellular Vesicles
Rotterdam, Netherlands

Roberta Mackenzie
2014 Dr. John H. Fowler Excellence in Teaching Award

Mark Yudin
2014 Abstract Award- Best Abstract, Clinical Sciences Track
Antiretroviral drug use during pregnancy and risk of premature delivery: a retrospective matched cohort study
Canadian Conference on HIV/AIDS Research, St. John’s, Newfoundland, Canada

2014 National Faculty Award for Top Teacher of Residents
The American College of Obstetrics and Gynecologist (ACOG)
Council on Resident Education in Obstetrics and Gynecology
Peer-Reviewed Publications
This publication uses the Index Medicus style of citation.


Esfandiari N, de Lamirande E, Gukturk A, San Gabriel MC, Nazemian Z, Burjaq H, Casper RF, Zini A. Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospect...


CLINICAL PRACTICE GUIDELINES


BOOK CHAPTERS


**CASE REPORTS**


THE GUIDE TO INVESTIGATION OF MOUSE PREGNANCY

Edited by: Croy A, Yamada A, DeMayo F, Adamson SL

“The Guide to Investigation of Mouse Pregnancy” was a mammoth task, initiated by the first editor, Anne Croy. It is the first comprehensive book of its kind, and it was timely – an opportunity to capture the special skills and knowledge in my lab on the eve of its closure. In 1999, we were among the first to begin using mice for pregnancy research. It is amazing how far the field has come in the past 15 years. We contributed 6 chapters to the Guide’s 71 chapters. The Guide covers all topics related to mouse pregnancy – from placental histology, to pregnancy biology, to practical lab protocols.”

-SL Adamson

The Guide to Investigation of Mouse Pregnancy is the first publication to cover the mouse placenta or the angiogenic tree the mother develops to support the placenta. This much-needed resource covers monitoring of the cardiovascular system, gestational programming of chronic adult disease, epigenetic regulation, gene imprinting, and stem cells. Offering detailed and integrated information on how drugs, biologics, stress, and manipulations impact pregnancy in the mouse model, this reference highlights techniques used to analyze mouse pregnancy. Joining the ranks of much referenced mouse resources, The Guide to Investigation of Mouse Pregnancy is the only manual providing needed content on pregnancy in animal models for translational medicine and research.

-Elsevier, 2014
Invited Lectures and Visiting Professorships
Adamson SL. Genetics and fetoplacental vascularity in mice. Special DOHaD Seminar, Heart Research Center/Center for Developmental Health, Oregon Health Science University, Portland, Oregon, USA, 17 September 2013.


Allen L. Abnormal uterine bleeding in the adolescent. Congresso Chileno de Obstetricia y Ginecologia, Vina del Mar, Santiago, Chile, 2 December 2013.


Allen L. Pelvic inflammatory disease in the adolescent - Unique aspects. Congresso Chileno de Obstetricia y Ginecologia, Vina del Mar, Santiago, Chile, 1 December 2013.

Barrett J. Twins - where do we go from here. Israel Association of Maternal Fetal Medicine, Jerusalem, Israel, December 2013.

Bentov Y. Ovarian Senescense. Ben Gurion University, Bear-Sheva, Hadarom, Israel, 30 June 2014.

Bentov Y. Ovarian Senescense. Technion University, Hazafon, Israel, 27 June 2014.


Bocking AD. Prevention of preterm birth: Is there a role for probiotics. School of Women’s and Infants’ Health, University of Western Australia, Perth, Australia, February 2014.

Bocking AD. Women’s and children’s health: A global imperative. Ritchie Centre, Monash University, Melbourne, Australia, February 2014.

Caccia N. Communication & conflict resolution: Playing together in the sandbox. St Lucas Andreas Hospital, Amsterdam, Netherlands, April 2014.

Caccia N, Kjelland C, Nakajima A. How to engage learners to improve uptake of the safety competencies in PGME. International Conference on Residency Education Workshop, Calgary, Alberta, Canada, October 2013.

Caniggia I. Deciphering the sphinx. Tox Talx 12, Mill Valley, California, USA, June 2013.


Casper RF. Dietary supplements for ART. Donor Egg Meeting, Charleston, South Carolina, USA, 8 March 2013.


Casper RF. Clinical applications of cord blood stem cells. American Society for Reproductive Medicine (ASRM) 69th Annual Meeting, Boston, Massachusetts, USA, 15 October 2013.

Casper RF. Toxicology of the ovary. American Society for Reproductive Medicine (ASRM) 69th Annual Meeting, Boston, Massachusetts, USA, 13 October 2013.


Drutz H. What’s new in the conservative treatment of OAB? Oman Society of Obstetricians and Gynaecologists (OSOG) and Sultan Qaboos University, Masqat, Oman, 3-6 December 2013.

Drutz H. Current surgical treatments for stress urinary incontinence (SUI): What’s the Evidence? Oman Society of Obstetricians and Gynaecologists (OSOG) and Sultan Qaboos University, Masqat, Oman, 3-6 December 2013.

Drutz H. New Research into the use of autologous myosites to treat SUI. Oman Society of Obstetricians and Gynaecologists (OSOG) and Sultan Qaboos University, Masqat, Oman, 3-6 December 2013.

Farine D. Cerclage for PTL - No! European Spontaneous Preterm Birth Conference, Svendborg, Denmark, 22 May 2014.

Farine D. Should we alter the criteria for diagnosing GDM following the hapo study. 19th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Macau, China, 23 February 2014.


Farine D. Fetal monitoring vs. auscultation. 19th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Macau, China, 22 February 2014.

Farine D. Advanced maternal age and obesity as indications for caesarean section. 19th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Macau, China, 21 February 2014.
Farine D. C/S for all obese and older primipara. 18th World Congress on Controversies in Obstetrics, Gynecology and Infertility, Vienna, Austria, 26 October 2013.

Farine D. Auscultation in labor is the recommended technique by ACOG, RCOG and SOGC while 90% of patients are monitored electronically, why? 18th World Congress on Controversies in Obstetrics, Gynecology and Infertility, Vienna, Austria, 26 October 2013.

Farine D. Management of triplets pregnancy: 5 basic questions with audience answers. 18th World Congress on Controversies in Obstetrics, Gynecology and Infertility, Vienna, Austria, 26 October 2013.

Farine D. Total personal genome: Almost a reality, but should we go for it? 18th World Congress on Controversies in Obstetrics, Gynecology and Infertility, Vienna, Austria, 25 October 2013.


Ferguson S. Gynecologic cancers in lynch syndrome. Collaborative Group of the Americas on Inherited Colorectal Cancer, Anaheim, California, USA, 8 October 2013.


Kingdom J. Benefit of early identification of placental disorders. 2nd International Conference on Fetal Growth, University of Maryland, Baltimore, Maryland, USA, 20 September 2013.

Kingdom J. Clinicopathological correlates of doppler in fetal growth restriction. 2nd International Conference on Fetal Growth, University of Maryland, Baltimore, Maryland, USA, 20 September 2013.


Klatt ME, Moid F, Wong S, Maniate J. Facilitating IPE and collaboration through interactive teaching. Association for Medical Education in Europe (AMEE), Prague, Czech Republic, 24-28 August 2013.


Murphy KE. How antenatal corticosteroids (single and repeat) are being used across North America. Australian Research Centre for Health of Women and Babies, Corticosteroids and Preterm Birth Seminar, The University of Adelaide, Adelaide, Australia, 19 October 2013.

Murphy KE. MACS - How to run a large international trial. Australian Research Centre for Health of Women and Babies, Corticosteroids and Preterm Birth Seminar, The University of Adelaide, Adelaide, Australia, 19 October 2013.

Nagy A. Current Topics in Gene and Cell Technologies. Human Stem Cell Institute, Moscow, Russia, October 2013.


Rogers I. Decellularized kidney-stem cell co culture systems. American Society for Nephrology, Atlanta, Georgia, USA, 10 November 2013.

Rosen B. Comparison of neoadjuvant vs. primary debulking surgery, Princess Margaret Experience. Kuwait Centre for Cancer Control, Kuwait, 3 February 2014.

Ryan G. Sacro-coccygeal teratoma: Prenatal diagnosis. 13th World Congress in Fetal Medicine, Nice, France, 30 June 2014.

Ryan G. Thoracic and bladder shunts. 13th World Congress in Fetal Medicine, Nice, France, 30 June 2014.

Ryan G. Tocolysis for fetal interventions. 13th World Congress in Fetal Medicine, Nice, France, 30 June 2014.

Sermer M. Obstetric management of women with cardiac disease. NASOM Annual Meeting. Providence, Rhode Island, USA, September 2013.

Steinberg W. Women’s Health: Cases, insertion IUD, endometrial biopsy. CME Seacourses, Fort Lauderdale, Florida, USA, 23 March 2014.

Steinberg W. Endometriosis & Adenomyosis: Tips in diagnosis and management. CME Seacourses, Fort Lauderdale, Florida, USA, 22 March 2014.

Steinberg W. Sex and sexuality in the post-menopausal women. CME Seacourses, Fort Lauderdale, Florida, USA, 16 March 2014.

Steinberg W. How do you manage women with an adnexal mass? CME Seacourses, Fort Lauderdale, Florida, USA, 15 March 2014.

Ternamian A. Risk management in endoscopic surgery. Gynaecological Endoscopic and Reproductive Medicine Course: Hands-on Suturing and Hysteroscopy Course, University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, 4-9 June 2014.

Ternamian A. Total laparoscopic hysterectomy. Gynaecological Endoscopic and Reproductive Medicine Course: Hands-on Suturing and Hysteroscopy Course, University of Kiel, Department of Obstetrics and Gynaecology, Kiel, Germany, 4-9 June 2014.


Thistle P. Critical childbirth and women’s issues. EQUIP Inc. and CMDA Missionary Medicine for Physicians, Marion, North Carolina, USA, 23-27 October 2013.

Thistle P. Cross cultural medicine. EQUIP Inc. and CMDA Missionary Medicine for Physicians, Marion, North Carolina, USA, 23-27 October 2013.

Thistle P. Medicine without instruments and laboratory. EQUIP Inc. and CMDA Missionary Medicine for Physicians, Marion, North Carolina, USA, 23-27 October 2013.

Thistle P. Syphilis and STIs in the developing world. EQUIP Inc. and CMDA Missionary Medicine for Physicians, Marion, North Carolina, USA, 23-27 October 2013.


Adamson SL. Role of genetics in placental circulatory development in mice. Joint CSATVB/Hypertension Canada Symposium, VASCULAR 2013 Conference, Montreal, Quebec, Canada, 17-20 October 2013.


Bentov Y. New tools for fertility investigation and treatment. McMaster University, Cambridge, Ontario, Canada, 26 May 2014.


Caccia N. Developing a Canadian Ob Gyn CBME program. 42nd Annual APOG Meeting, Toronto, Ontario, Canada, 29 November to 1 December 2013.

Caccia N, Nakajima A, Meffe F. When the going gets tough, the tough get talking: Using multimedia to teach effective communication and conflict management. Canadian Conference on Medical Education Pre –Conference Workshop, Ottawa, Ontario, Canada, April 2014.

Caccia N, Nakajima A, Meffe F. When the going gets rough the tough get talking: Teaching communication and conflict management. International Conference on Residency Education Workshop, Calgary, Alberta, Canada, October 2013.

Casper RF. Medical management of endometriosis. CME, Peterborough ObGyn, Peterborough, Ontario, Canada, 29 May 2014.


Casper RF. Cord blood stem cells. Gynecology Grand Rounds, Royal Victoria Hospital, Montreal, Quebec, Canada, 28 November 2013.

Casper RF. New treatments for endometriosis. Association of Obstetricians and Gynecologists of Quebec, Quebec City, Quebec, Canada, 7 October 2013.


Casper RF. Canadian experience and usage of umbilical cord blood. Gynaecology Grand Rounds, Abbotsford Hospital, Abbotsford, British Columbia, Canada, 10 September 2013.

Casper RF. Canadian experience and usage of umbilical cord blood. Gynaecology Grand Rounds, Royal Columbian Hospital, Vancouver, British Columbia, Canada, 9 September 2013.


Durand N. Improving Uptake of HPV Vaccination. ObGyn Grand Rounds, Sudbury Regional Hospital, Sudbury, Ontario, Canada, October 2013.


Gien L. Frequency of missing data from vulvar carcinoma pathology reports: Results from a population-based cohort. Gynecologic Oncology Rounds, Juravinski Cancer Centre, Hamilton, Canada, September 2013.


Greenblatt E. Female infertility, your questions answered. 2013 OOCH/POGO Survivor Conference, Pediatric Oncology Group of Ontario, Muskoka, Ontario, Canada, 4-6 October 2013.


Kingdom J. Why Screen for Placental Health? Dr. J. R. O’Brien Perinatal Lecture Series, Grand River Hospital, Michael G. DeGroote School of Medicine, Kitchener, Ontario, Canada, 23 June 2014.


Maxwell C. Bariatric care of the obstetrical patient. Thunder Bay Regional Health Sciences Center and Health Sciences North, Toronto, Ontario, Canada, 4 February 2014.


Murphy KE. Antenatal corticosteroids: Where we have come from and where we are going. Dalhousie University Resident Research Day, Halifax, Nova Scotia, Canada, April 2014.


Murphy KE. Antenatal corticosteroids: Where we have been and where we are going. McMaster University, Department of Obstetrics and Gynecology, 39th Annual RT Weaver Scientific Day, Hamilton, Ontario, Canada, October 2013.


Nakajima A, Straszak-Suri M, Caccia N. What you can learn when things (might) go bad: Patient safety, communication, & conflict management. Canadian Conference on Medical Education Workshop, Quebec City, Quebec, Canada, April 2013.

Okun N. Prenatal screening and diagnosis - Half-day session for ObGyn residents. University of Alberta, Edmonton, Alberta, Canada, April 2014.


Yudin MH. HIV in pregnancy: Management issues. Association of Medical Microbiology and Infectious Diseases Canada (AMMI) 14th Annual Academic Conference for Fellows in Infectious Diseases & Microbiology, Toronto, Ontario, Canada, 12 August 2013.
LOCAL

Alarab M. Conservative management of pelvic organ prolapse. Mature Women’s Health Care, University of Toronto, Toronto, Ontario, Canada, 11 April 2014.

Alarab M. Platelet rich plasma in urogynecology: From basic science to clinical application. Mount Sinai Hospital, Grand Rounds, Toronto, Ontario, Canada, 7 February 2014.


Allen E. Reproductive outcomes in women with DSD. Mount Sinai Hospital, CFRH Academic Rounds, Toronto, Ontario, Canada, 5 February 2014.

Allen L. Diet in PCOS. Toronto, Ontario, Canada, 13 May 2014.

Bentov Y. Diet in PCOS. Toronto, Ontario, Canada, 13 May 2014.


Berger H. CS Crisis 2013 - Where are we? How did we get here and where do we want to go? Preventing the First Cesarean Section, Mount Sinai Hospital, Toronto, Ontario, Canada, 1 November 2013.

Berger H. VBACCCC - Concerns, cases and controversies. University of Toronto, Preventing the First Cesarean Section, Mount Sinai Hospital, Toronto, Ontario, Canada, 1 November 2013.


Bernstein P. Management of the second stage of labour. University of Toronto Department of Obstetrics and Gynaecology, Mount Sinai Hospital, Toronto, Ontario, Canada, 1 November 2013.

Bernstein P. CME Seminar: Preventing the first cesarean section: Management in labour & delivery. Mount Sinai Hospital/University of Toronto Department of Obstetrics and Gynaecology, Toronto, Ontario, Canada, 1 November 2013.

Bhangu D. Antenatal care seminar. University of Toronto, Mississauga Academy of Medicine, Mississauga, Ontario, Canada, 2014.

Brown TJ. Human research ethics. Department of Physiology Graduate Student Orientation, University of Toronto, Toronto, Ontario, Canada, 6 September 2013.


Caccia N. Gynaecological issues in Von Willebrand’s Disease. Von Willebrand’s Disease Education Day, Hospital for Sick Children, Toronto, Ontario, Canada, November 2013.


Casper RF. Can we rejuvenate old eggs? CME, Isis Fertility Clinic, Mississauga, Ontario, Canada, 27 May 2014.

Casper RF. Uterine fibroids: Where have we been, where are we going? CME, Rosewater Club, Toronto, Ontario, Canada, 21 May 2014.

Casper RF. Dietary supplements for older infertility patients. CME Naturopathy Week Evening, TCART, Toronto, Ontario, Canada, 13 May 2014.


Casper RF. Endometriosis: Medical management. CME Humber River Hospital, Toronto, Ontario, Canada, 26 February 2014.


Casper RF. Current uses of hematopoietic stem cells. Toronto East General Hospital, ObGyn Grand Rounds, Toronto, Ontario, Canada, 12 February 2014.
Casper RF. Endometriosis. AstraZeneca Pharmaceuticals, Corporate CME, Mississauga, Ontario, Canada, 6 February 2014.

Casper RF. Circadian rhythm and immune function. University of Toronto Immunology Seminar Series, Toronto, Ontario, Canada, 6 February 2014.

Casper RF. Can we rejuvenate old eggs? Lunenfeld-Tanenbaum Research Institute, Research Luncheon, Toronto, Ontario, Canada, 29 November 2013.


Cheng M. Laparoscopic Hysterectomy. The Scarborough Hospital Surgical Staff Meeting, The Scarborough Hospital Birchmount Campus, Scarborough, Ontario, Canada, May 2014.


Drutz H. Clinical and basic science research in the division of urogynaecology. Mount Sinai Hospital, Obgyn Grand Rounds, Toronto, Ontario, Canada, 7 February 2014.

Durand N. Emerging data on HPV and vaccination - Eurogin 2013. Family Practice Grand Rounds, Etobicoke General Hospital, Etobicoke, Ontario, Canada, April 2014.

Durand N. Emerging data from Eurogin 2013 on HPV and vaccination. ObGyn Grand Rounds, Toronto East General Hospital, Toronto, Ontario, Canada, January 2014.


Farine D. Decreased fetal movement: How are we ignoring the guidelines. 10th Annual OB Malpractice: A Survival Guide for 2014, Mount Sinai Hospital, Department of Obstetrics & Gynecology, Toronto, Ontario, Canada, 18 January 2014.


**Ferguson SE.** Universal screening for Lynch syndrome in women with endometrial cancer. University of Toronto, Department of Obstetrics and Gynecology, Grand Rounds, Toronto, Ontario, Canada, 6 December 2013.


**Freire-Lizama T.** Quality care committee – OB year summary. St. Michael’s Hospital, Department of Obstetrics and Gynecology, Grand Rounds, University of Toronto, Toronto, Ontario, Canada, 30 May 2014.

**Freire-Lizama T.** Hypertensive disorders of pregnancy. Women's College Hospital, Department of Family Medicine, Grand Rounds, Toronto, Ontario, Canada, 25 October 2013.


**Greenblatt E.** CFRH: What we do with emphasis on innovative programmes. Mount Sinai Hospital Women’s Auxiliary, Toronto, Ontario, Canada, 25 April 2014.


**Greenblatt E.** Workshop for nurses regarding REI patients that are admitted to hospital with emphasis on pathophysiology, diagnosis and management of OHSS. REI at MSH Workshop, Toronto, Ontario, Canada, 15 August 2013.

**Hui D, Murphy K,** Shah P. Diagnostic tests. Clinical Epidemiology Course for University of Toronto Fellowship Programs in Obstetrics and Gynaecology, Toronto, Ontario, Canada, September 2013.


**Kives SL.** Women’s Health Day :“Hot topics in contraception”. St. Michael’s Hospital, Toronto, Ontario, Canada, February 2014.

**Kives SL.** Debate: “Sterilization vs. menstrual suppression in the adolescent with special needs.” Hospital for Sick Children, Toronto, Ontario, Canada, January 2014.


Lausman A. IUGR. Grand Rounds, Etobicoke General Hospital, Etobicoke, Ontario, Canada, 28 May 2014.

Lausman A. IUGR. Grand Rounds, Toronto East General Hospital, Toronto, Ontario, Canada, 23 April 2014.

Lausman A. IUGR. Grand Rounds, Mount Sinai Hospital, Toronto, Ontario, Canada, 28 March 2014.


Liu K. Preimplantation genetic diagnosis and screening. Mount Sinai Hospital, Department of Genetics, Grand Rounds, Toronto, Ontario, Canada, 22 May 2014.


Malinowski A. Interpretation of laboratory investigations in pregnancy. Nursing Rounds, Medical Disease in Pregnancy Program, Mount Sinai Hospital, Toronto, Ontario, Canada, 9 December 2013.

Malinowski A. Code Omega: Management of massive PPH. CME: Medical disorders in pregnancy, Mount Sinai Hospital, Toronto, Ontario, Canada, 2 November 2013.

Malinowski A. The intrapartum management of twins. CME: Preventing the First Cesarean Section, Toronto, Ontario, Canada, 1 November 2013.

Malinowski A. Criteria for the anticoagulation of the pregnant patient. CME: Obstetric Anesthesia Conference and Workshop, Mount Sinai Hospital, Toronto, Ontario, Canada, 21 September 2013.


Maxwell C. Managing obesity and the pregnant woman. Mount Sinai Hospital, General Internal Medicine, Obstetric Medicine Rounds, Toronto, Ontario, Canada, 10 January 2014.


Meffe F. Obstetrics and gynecology Clerkship: Preparing to deliver the obstetrics and gynecology seminars at Trillium Health Partners. Faculty Development Event for Obstetrics and Gynecology Faculty, Trillium Health Partners, Toronto, Ontario, Canada, October 2013.

Meffe F. Orientation of ASCM 2 tutors on the female pelvic examination. Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada, 16 September 2013.

Moskovtsev S. Current research on male infertility: Paternal contribution to embryo development. Department of Biomedical Sciences, University of Guelph, Guelph, Ontario, Canada, 11 November 2013.

Moskovtsev S. Spermatogenesis PSL 420F/1420F Reproductive Physiology. Department of Physiology, University of Toronto, Toronto, Ontario, Canada, 3 October 2013.

Murphy KE. Joint session on pediatric and obstetrical infections. Infectious Diseases/Microbiology Seminar, Toronto General Hospital, Toronto, Ontario, Canada, January 2014.

Murphy KE. The ABC’s of hepatitis. University of Toronto, Medical Disorders in Pregnancy Conference, Mount Sinai Hospital, Toronto, Ontario, Canada, November 2013.

Okun N. NIPT and microarray. Mount Sinai Hospital, Continuing Medical Education, Toronto, Ontario, Canada, 6 June 2014.

Okun N. Changing paradigms in prenatal screening and diagnosis. St. Michael’s Hospital, Grand Rounds, Toronto, Ontario, Canada, May 2014.

Okun N. NIPT update and MSH experience. Mount Sinai Hospital, Fetal Medicine Rounds, Toronto, Ontario, Canada, March 2014.


Pittini R. Trauma in the obstetrical patient. Sunnybrook Health Sciences Centre, Continuing Education and Professional Development, Toronto, Ontario, Canada, 10 January 2014.


Pittini R. Evaluation of CanMeds competencies in ASCM 1&2. Undergraduate Medical Education, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada, 21 October 2013.
Pittini R. Update on UME data confidentiality statement and teacher evaluation appeals. Faculty Council, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada, 21 October 2013.

Rogers I. Stem cells for regenerative medicine: 3D culture systems. University of Toronto, CREMS, Toronto, Ontario, Canada, 12 June 2014.

Rogers I. Treatment of PVD and non-healing wounds with stem cells. University of Toronto, Department of Physiology, Toronto, Ontario, Canada. 11 June 2014.

Rogers I. Trogocytosis not exosomes is the cause of donor cell engraftment. Exosome Research Group, Toronto, Ontario, Canada, 13 March 2014.


Rogers I. Umbilical cord blood cells to treat diabetic wounds. CReATe Clinic Medical Rounds, Toronto, Ontario, Canada, 21 February 2014.

Rogers I. Development of cell based therapies for the treatment of various diseases. Institute of Medical Science, University of Toronto, Toronto, Ontario, Canada, 28 January 2014.

Rogers I. Induced pluripotent stem cells and therapeutic uses. Centre for Fertility and Reproductive Health (CFRH), Mount Sinai Hospital, Toronto, Ontario, Canada, 12 December 2013.


Rosen B. Survival in ovarian cancer: Surgery or neoadjuvant chemotherapy-which is better? St. Michael’s Hospital Grand Rounds, Toronto, Ontario, Canada, 28 February 2014.

Rosen B. Survival in ovarian cancer: Surgery or neoadjuvant chemotherapy-which is better? Credit Valley Hospital Grand Rounds, Toronto, Ontario, Canada, 8 January 2014.

Ryan G. Multiples in early pregnancy. 17th Women’s Imaging: Advances in gynaecologic imaging & first trimester ultrasound, University of Toronto, Departments of Medical Imaging and Obstetrics & Gynaecology, Toronto, Ontario, Canada, 23 February 2014.

Ryan G. Welcome and introduction to 17th Women’s Imaging: Advances in Gynaecologic Imaging & First Trimester Ultrasound. University of Toronto Depts of Medical Imaging and Obstetrics & Gynaecology, 17th Women’s Imaging Advances in Gynaecologic Imaging & First Trimester Ultrasound, University of Toronto, Toronto, Ontario, Canada, 21 February 2014.


Seaward G. Quality improvement and patient safety. Mount Sinai Hospital, Department of Obstetrics and Gynecology, Grand Rounds, Toronto, Ontario, Canada, 30 May 2014.


Selk A. Vulvar disorders: The good, the bad and the ugly. Mount Sinai Hospital Gynecology CME, Toronto, Ontario, Canada. 22 November 2013.


Shier M. Cervical cytology screening and management of abnormal results for the primary care provider. St Michaels Hospital 5th Annual Women's Health Day, University of Toronto, Toronto, Ontario, Canada, 8 February 2014.

Spitzer R. Adolescent pregnancy. Maternal Fetal Medicine Fellowship Program, University of Toronto, Toronto, Ontario, Canada, 6 June 2014.


Steinberg W. Abnormal uterine bleeding: Primary Care Today. Family & Community Medicine University of Toronto, Toronto, Ontario, Canada, 8 May 2014.

Steinberg W. You’re still hot, only now it comes in waves. MEDCAN Women’s Health Forum, Toronto, Ontario, Canada, 4 May 2014.

Steinberg W. Female sexuality. MEDCAN Clinical Update 2013, MEDCAN Clinic, Toronto, Ontario, Canada, 21 September 2013.

Tai M, Lee S, Visram S. Non-English maternal primary language is associated with increased risk of traumatic vaginal births. Most Responsible Physician Quality Program (MRP QIP), Toronto East General Hospital, Toronto, Ontario, Canada, December 2013.

Whittle W. Minor trauma (fall and fender bender): How to avoid the pitfalls. Obstetrical Malpractice-A survival Guide for 2014, University of Toronto, Mount Sinai Hospital, Toronto, Ontario, Canada, 18 January 2014.

Windrim R. Teaching by pretending - Roles for simulation in maternity care education. University of Toronto & Mount Sinai Hospital, 12th Annual Refresher in Primary Maternity Care, Toronto, Ontario, Canada, 6 June 2014.

Windrim R. Practical aspects of high fidelity simulation. University of Toronto & Mount Sinai Hospital, 12th Annual Refresher in Primary Maternity Care, Toronto, Ontario, Canada, 6 June 2014.

Windrim R. Difficult situations: Caregivers responses when a complaint is made. University of Toronto & Mount Sinai Hospital, 12th Annual Refresher in Primary Maternity Care, Toronto, Ontario, Canada, 6 June 2014.
Windrim R. Abnormal labour and emergencies, Part II. University of Toronto & Mount Sinai Hospital, Toronto, Ontario, Canada, 29 April 2014.

Windrim R. Ultrasound should replace the digital vaginal exam in routine office gynaecology. 17th Annual women’s imaging: Advances in Gynaecologic Imaging & First Trimester Ultrasound, University of Toronto Departments of Medical Imaging and Obstetrics & Gynaecology, Toronto, Ontario, Canada, 21 February 2014.

Wolfman W. Update on premature ovarian failure. Mount Sinai Hospital, Gynaecologic Reproductive Endocrinology and Infertility Grand Rounds, Toronto, Ontario, Canada, 23 April 2014.

Wolfman W. Update in menopause-Women’s core day. Residents and Fellows Women’s Health Program, Women’s College Hospital, Toronto, Ontario, Canada, 5 March 2014.


Wong S, Weiss J. Issues down south (and we don’t mean Florida). Medcan Women’s Health Forum, Toronto, Ontario, Canada, May 2014.


Yudin MH. Specific gynaecological health considerations for women with HIV. St. Michael’s Hospital Annual Women’s Health Symposium, St. Michael’s Hospital and University of Toronto Department of Obstetrics and Gynecology, Toronto, Ontario, Canada, 8 February 2014.


Oral and Poster Presentations
INTERNATIONAL MEETINGS


Dar S, Librach C, Shah P. Singleton pregnancy outcomes after blastocyst versus cleavage stage embryo transfer: A systematic review and meta-analysis. Principal Investigator. 69th American Society of Reproductive Medicine, Boston, Massachusetts, USA, 14 October 2013.


Gladanac B, Jonkman J, Casper RF, Rahman SA. Short wavelengths mediated polychromatic photic phase shifts in an intensity-dependent manner. 13th Congress of the European Biological Rhythms Society, Ludwig-Maximilians University, Munich, Germany, 20 August 2013.


Li A, Wolfman W. Female genital graft versus host disease. International Menopause Society, Cancun, Mexico, 3 May 2013.


Moskovtsev S, Dacanay, D, Baratz A, Sharma P, Glass K, Librach C. Significant increase in utilization of donor sperm by lesbian couples after the ligation of same sex marriages in Ontario, Canada. 69th American Society of Reproductive Medicine Annual Meeting, Boston, Massachusetts, USA, 14 October 2013.


Ryan E. Pregnancy rates (IVF) in patients with diminished ovarian reserve treated with dehydroepiandrosterone (DHEA) or DHEA with coenzyme Q10 (CoQ10) (168 cycles in women 35-43). American Society for Reproductive Medicine (ASRM) Annual Meeting, Boston, Massachusetts, USA, 12-17 October 2013.


Selk A. A survey of members of the International Society for the Study of Vulvovaginal Diseases regarding the treatment of vulvar lichen sclerosus. ISSVD, Italy, 8 October 2013.


Visentin C, Lausman A, Berger H. Dietary intake and blood levels of choline in a cohort of Canadian pregnant women and newborn infants. Experimental Biology 2014, San Diego, California, USA, 28 April 2014.
Weintraub A, Mitri F, **Esfandiari N, Bentov Y, Chang P**, McNaught J, Hershko-Klement A, Behan LA, Coogan-Prewer J, **Casper RF**. A pilot study to evaluate oocute fertilization rage and embryo quality using an intravaginal device (INVOcell (TM)). The Annual Meeting of the Israel Fertility Association, Tel-Aviv, Israel, May 2014.


**Wolfman W**. Female Genital Tract Graft vs Host Disease (GVHD): A current retrospective patient review. International Menopause Society, Cancun, Mexico, May 2014.

Yang SW, Li W, **Shynlova O, Lye S, Challis JR**, Reid G, Gloor GB, **Bocking AD**. Oral administration of Lactobacillus rhamnosus GR-1 alters the vaginal microbiome profile but not the cecal microbiome in pregnant CD-1 mice. 61st Annual Society for Gynecologic Investigation Scientific Meeting, Florence, Italy, March 2014.
NATIONAL MEETINGS


Austin D, Mills S, Thistle P. An unorthodox approach: Lessons learned on using an opportunistic, integrated approach to survey knowledge, attitudes, and practices regarding neonatal male circumcision at Howard Hospital, Zimbabwe. Merging Minds for Global Health: A Multidisciplinary Call to Action, Global Health Conference, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, 20-21 September 2013.


Berndl A, Murphy KE. Does cervical ripening at term with a high volume foley catheter result in a lower cesarean section rate compared to a low volume foley? A systematic review and meta-analysis. Canadian National Perinatal Research Meeting, Banff, Alberta, Canada, February 2014.


**Caccia N, Meffe F, Nakajima A.** Workshop: When the going gets rough – Using multimedia to teach communication and conflict management. International Conference on Residency Education (ICRE) 2013, Calgary, Alberta, Canada, 28 September 2013.


Coles N, Bremer, Kives S, Hamilton J. The utility of oral glucose tolerance test to assess for glucose abnormalities in adolescents with polycystic ovarian syndrome. Canadian Paediatric Endocrine Group, Montreal, Quebec, Canada, February 2014.


Esfandiar N, Bentov Y, Sultan M, Dela Cruz D, Gokturk A, Casper RF. Trophoblast biopsy for preimplantation genetic screening (PGS) and validation of results. 59th Annual CFAS Annual Meeting, Victoria, British Columbia, Canada, 26-29 September 2013.

Gagnon LH, Yudin M, Murphy KE. Antiretroviral drug use during pregnancy and risk of premature delivery: A retrospective matched cohort study. 23rd Annual Canadian Conference on HIV/AIDS Research (CAHR), St. John's, Newfoundland and Labrador, Canada, 1-4 May 2014.


Green J, Kahan M, Wong S. Is the current level of GYN ultrasound training meeting the needs of residents? University of Toronto Resident Research Day and St. Joseph’s Health Centre Academic Achievement Day, Toronto, Ontario, Canada, 14 June 2013.


Isaac S, Qu D, Adamson SL. The role of ovarian and fetal factors on placental growth in later gestation in mice. International Federation of Placenta Associations (IFPA), Whistler, British Columbia, Canada, 11-14 September 2013.


Moretti M, Berger H. A cost-effectiveness analysis of maternal genotyping to guide treatment for postpartum pain and avert infant adverse events. International Society For Pharmacoeconomics and Outcomes Research (ISPOR) 19th Annual International Meeting, Montreal, Quebec, Canada, 3 June 2014.


Murphy KE. Preterm premature rupture of membranes and adverse outcomes at 5 years of age. Canadian National Perinatal Research Meeting, Banff, Alberta, Canada, February 2014.


31st Annual Research Day and Henderson Lecture
The Department of Obstetrics & Gynaecology 31st Annual Research Day took place on Friday, May 9, 2014 in Victoria College’s Northrop Frye Hall at the University of Toronto. We were delighted to have 300 conference registrants, and this year clinical faculty members were able to claim 7.5 hours credit for maintenance of certification by RCPSC. We had a record number of presentations – 14 orals and 75 posters – by the full range of trainees, showcasing clinical research, translation and basic sciences. In addition, we introduced “Collaboration Corner”, highlighting 4 current clinical research topics. We were pleased to have Dean Whiteside attend and comment on how impressed she was with the importance that we place on poster presentations and discussions.

The Henderson Lecture continued in its tradition of excellence, with one of the best lectures so far. Professor Aidan Halligan, MD, from University College London Hospitals in the UK, was both entertaining and inspiring, presenting his lecture, “Rediscovering lost values: Leadership in a challenging clinical environment.” He also was able to host 3 interactive sessions on safety in our field the preceding day as part of the Department’s new focus on quality improvement and patient safety.

Thanks go to everyone who participated: our staff who worked hard to put it together, all the faculty members who acted as Chairs and Judges, and special thanks to the Research Committee, particularly Theodore J. Brown as Chair, Stephen Lye as Vice-Chair, Research, and Helen Robson as Coordinator.

In the words of our Chair, John Kingdom, “Research Day is the collective expression of one of the finest ObGyn Departments in the world.”

Below are listed the oral and poster presentations.
1: A GTA based randomized controlled trial (RCT) of induction of labour versus expectant management in patients with gestational diabetes mellitus (GDM)

Howard Berger (1), Nir Melamed (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

2: Variation in the perioperative approach to gynaecologic surgery: A needs assessment at the University of Toronto

Lindsay Shirreff (1), Lisa Allen (1), Richard Pittini (1), Ally Murji (1), Guylaine Lefebvre (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

3: Developing best practice guidelines in ObGyn departments in the GTA. A pilot project: Thromboprophylaxis after cesarean delivery

Julie Nguyen (1), Adrian Brown (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

4: AMPATH Reproductive Health - Collaboration Corner

Rachel Spitzer (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto
O1: Vitamin B12: Dietary intake, supplement use and serum concentrations in a cohort of Canadian pregnant women and in umbilical cord blood

Shannon Masih (1), Lesley Plumptre (1), Anna Ly (1), Kyoung-Jin Sohn (1), Howard Berger (2), Andrea Lausman (2), Ruth Croxford (Other), Deborah O’Connor (3), Young-In Kim (1). (1) St. Michael's Hospital, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) The Hospital for Sick Children and (4) Other

O2: A pilot study to evaluate a device for the intravaginal culture of embryos

Frederic Mitri (1), Navid Esfandiari (1), Joan Coogan-Prewer (1), Paul Chang (1), Yaakov Bentov (1), John McNaught (2), Other (Canada), Anat Herscu-Klement (1), Robert Casper (1) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

O3: Jumonji C domain containing protein 6 (JMJd6) - a novel oxygen sensor in the human placenta

Sruthi Alahari (1), Isabella Caniggia (1) (1) Department of Obstetrics and Gynaecology, University of Toronto

O4: Prevalence of obstructive sleep apnea detected by the Berlin questionnaire in patients with nocturia attending a urogynecology unit

Salomon Zebede, Danny Lovatsis (1), May Alarab (1), Harold Drutz (1) (1) Department of Obstetrics and Gynaecology, University of Toronto

O5: The transfer of dabigatran and its pro-drug across the dually perfused human placenta – Implications for therapy in pregnancy

Priya Bapat (1), Reuven Kedar (1), Angelika Lubetsky (1), Katarina Aleksa (1), Gideon Koren (1), Howard Berger (2) (1) Hospital for Sick Children, (2) Department of Obstetrics and Gynaecology, University of Toronto

O6: VEPH1 modulation of TGF-Beta and androgen receptor signaling: Evidence that VEPH1 Activity may be Regulated by Phosphorylation

Premalatha Shathasivam (1), Alexandra Kollara (1), Theodore Brown (2) (1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto

O7: Human umbilical cord perivascular cells: Novel candidates for post infarct cellular therapy

Peter Szaraz (1), Matthew Librach (2), Leila Maghen (2), Tanya Barretto (2), Andree Gauthier-Fisher (3), Clifford Librach (3) (1) Department of Physiology, University of Toronto, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto

O8: Ovarian high grade serous cancer xenografts as pre-clinical models of response to chemotherapy

Paulina Cybulska (1), Jocelyn Stewart (2), Blaise Clarke (2), Benjamin Neel (2), Marcus Bernardini (1) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other
O9: Bedside rounding and ward task list use in gynaecology

Lindsay Shirreff (1), Eliane Shore (1), Heinrich Husslein (1), Mark Yudin (1), Guylaine Lefebvre (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

O10: Unfractionated heparin, placental ultrasound and placental histopathology: Secondary analysis of a pilot randomized controlled trial

Rohan D’Souza (1), Sarah Keating (2), Melissa Walker (1), Sascha Drewlo (1), John Kingdom (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

O11: Site-specific increases in utero- and feto-placental arterial vascular resistance in eNOS deficient mice due to impaired arterial enlargement

Monique Rennie (1), Anum Rahman (1), Kathie Whiteley (2), John Sled (1), S Lee Adamson (3)
(1) Hospital for Sick Children, (2) Lunenfeld-Tanenbaum Research Institute, (3) Department of Obstetrics and Gynaecology, University of Toronto

O12: Validation of a comprehensive evidence-based laparoscopy curriculum for gynaecology residents

Eliane Shore (1), Teodor Grantcharov (2), Heinrich Husslein (1), Lindsay Shirreff (1), Nicolas Dedy (1), Colleen McDermott (1), Guylaine Lefebvre (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St Michael’s Hospital

O13: Clinical risk factors and whole blood gene expression predictive of preterm birth in asymptomatic women in Calgary

Jan Heng (1), Sheila McDonald (2), Angela Vinturache (2), Jingxiong Xu(1), Andrew Lyon (2), Donna Slater (2), Craig Pennell (2), Suzanne Tough (2), Stephen Lye (3)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto

O14: What is the effect of social inequality on preterm birth? Evidence from the U.K. Millennium Cohort Study

John Snelgrove (1), Kellie Murphy (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto
POSTER PRESENTATIONS

POSTER GROUP A
Co-chair: Dr. Rachel Spitzer
Co-chair: Dr. Abheha Satkunaratnam
Judge: Ms Dora Baczyk

A1: What do patients want? A needs assessment of vulvodynia patients attending a vulvar diseases clinic
Katherine LePage (1), Amanda Selk (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

A2: Prevention of reformation of intra uterine adhesions following lysis of adhesions and septoplasty: A retrospective review
Daniel Margel (1), Jamie Kroft (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

A3: Treatment of low-risk GTN with biweekly Actinomycin-D
Ummi Habiba (1), Ray Osborne (1), Clare Reade (1), Lua Eiriksson (2), Matthew Cesari (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

A4: Female genital tract graft-vs-host disease (GVHD): A current retrospective patient review
Adrienne Li (1), Wendy Wolfman (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

A5: Follicular fluid exosomes and exosomes secreted by granulosa cells in vitro: A potentially important mechanism for intra-follicular communication
Bahar Behrouzi (1), Arshia Azizeddin (1), Prati Sharma (1), Ari Baratz (2), Karen Glass (1), Shlomit Kenigsberg (1), Clifford Librach (2)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP B
Co-chair: Dr. Paul Chang
Co-chair: Dr. Navid Esfandiari
Judge: Dr. Amanda Selk

B1: Activity of E3 ubiquitin ligase MULE drives early oocyte atresia and premature ovarian failure
Nicole Zhang (1)
(1) Department of Physiology, University of Toronto

B2: Nanoparticles are released from human pre-implantation embryos and their short RNA content correlates with embryo morphology
Parshvi Vyas (1), Hanna Balakier (2), Clifford Librach (3)
(1) Department of Physiology, University of Toronto, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto

B3: Effect of endometrial shedding with medroxyprogesterone acetate prior to clomiphene citrate in oligo/an-ovulatory women: A pilot study
Claire Jones (1), Kimberley Garbedian (2), Nurun Chowdhury (3), Marjorie Dixon (1), Heather Shapiro (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Mount Sinai Hospital
B4: Obesity and infertility: A health-related classification system, versus body mass index, better predicts pregnancy rate in overweight and obese women
Nicole Paterson (1), Ellen Greenblatt (1), Cynthia Maxwell (1), Arya Sharma (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

B5: Assisted reproduction involving surrogacy: An analysis of the medical, psychosocial and legal issues from a large Canadian surrogacy program
Tal Lazer (1), Jan Silverman (2), Cindy Wasser (2), Sergey Moskovtsev (1), Sonja Swanson (2), Agata Sojecki (3), Karen Glass (2), Prati Sharma (2), Ari Baratz (1), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Women’s College Hospital

B6: Pregnancy rates in poor-ovarian-response patients undergoing conventional IVF treatment supplemented with dehydroepiandrosterone and Coenzyme Q10
Sonia Blanco Mejia (1), Edward Ryan (2), E. Anne Claessens (2)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP C
Co-chair: Dr. Mark Yudin
Co-chair: Dr. Caroline Dunk
Judge: Dr. Andrea Lausman

C1: Fetal thrombocytopenia following parvovirus-B19 infection
Nir Melamed (1), Wendy Whittle (1), Ed Kelly (2), Rory Windrim (1), Gareth Seaward (1), Johannes Keunen (1), Greg Ryan (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

C2: Melatonin mitigates placental vascular resistance and cardiac dysfunction in a rabbit model of intrauterine growth restriction
Ryan Hodges (1), Andre Miyague (2), Masayuki Endoh (2), Andre LaGerche (3), Francesca Russo (2), Jan Dhooge (2), Euan Wallace (4), Jan Deprest (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other (Belgium), (3) Other (Canada), (4) Other (Australia)

C3: Twin Birth Study: Incidence of caesarean delivery in induction of twin pregnancies
Elad Mei-Dan (1), Jon Barrett (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

C4: Heparin causes placental growth and increased expression of trophoblast progenitors in mice: Implications for preventing severe preeclampsia
Farshad Ghasemi (1), John Kingdom (2), S Lee Adamson (2)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto

maternal-fetal medicine I
C5: Astrocyte-derived factors increase multidrug resistance via P-glycoprotein at the developing blood-brain barrier
Stephanie Baello (1), Majid Iqbal (1), William Gibb (2), Stephen Matthews (1)
(1) Department of Physiology, University of Toronto, (2) Other

C6: Hypoxia and drug transporter expression in the placenta and fetal liver: Influence of antioxidants
Mohsen Javam (1), Jason Yung (1), Stephanie Baello (1), William Gibb (2), Emily Camm (3), Andrew Kane (3), Dino Giussani (3), Stephen Matthews (1)
(1) Department of Physiology, University of Toronto, (2) Other (Canada), (3) Other (United Kingdom)

POSTER GROUP D
Co-chair: Dr. Gareth Seaward
Co-chair: Dr. Paul Bernstein
Judge: Dr. Richard Pittini

D1: Barriers to achieving a successful vaginal birth – a retrospective chart review
Rebecca Menzies (1), Jenna Blumenthal (1), Andrea Lausman (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

D2: Abdominal visceral adiposity and insulin resistance in early pregnancy
Leanne De Souza (1), Eva Kogan (1), Howard Berger (2), Gerald Lebovic (1), Joel Ray (1)
(1) St Michael’s Hospital, (2) Department of Obstetrics and Gynaecology, University of Toronto

D3: Obstetrical risk awareness in primiparous women over the age of 35
Nicole Carpe (1), Amanda Selk (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

D4: Office D&C utilizing ultrasound guidance for missed abortion: An analysis of complications compared with non-U/S guided hospital and/or office D&C
Michael Chaikof (1), Tal Lazer (1), Kevin Quach (2), Prati Sharma (2), Karen Glass (2), Ari Baratz (1), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

D5: Has the management of pediatric and adolescent ovarian torsion changed over the past 25 years?
Nicole Hubner (1), Clifford Librach (1), Jacob Langer (1), Sari Kives (2), Lisa Allen (2)
(1) Hospital for Sick Children, (2) Department of Obstetrics and Gynaecology, University of Toronto

D6: Barriers, expectations, and needs of young women during the transition from pediatric to adult gynecological care
Jennifer Hunter (1), Lisa Allen (1), Yolanda Kirkham (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto
**POSTER GROUP E**

Co-chair: Dr. Andrea Jurisicova  
Co-chair: Dr. Ian Rogers  
Judge: Dr. Theodore Brown

**E1:** Estradiol levels in breast tissue are not different between postmenopausal healthy women regardless of hormone replacement status  
Lucy Ann Behan (1), Hala Goma (1), Hend Ahmad (2), Sara Abdulwahab (2), **Wendy Wolfman** (1), Aaron Wheeler (2), **Robert Casper** (1)  
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

**E2:** The role of the novel reproductive peptide phoenixin-20 amide in the regulation of GnRH transcription and Secretion in a GnRH Hypothalamic Cell Model  
Alice Treen (1), **Denise Belsham** (1)  
(1) Department of Physiology, University of Toronto

**E3:** Transforming growth factor betas (TGF-Betas)–novel regulators of sphingolipid metabolism in the human placenta  
Sarah Chauvin (1), Martin Post, **Isabella Caniggia** (1)  
(1) Department of Obstetrics and Gynaecology, University of Toronto

**E4:** Progesterone receptor A mediates de-repression of connexin43 expression  
Lubna Nadeem (1), **Oksana Shynlova** (2), **Xuesen Dong** (3), **Stephen Lye** (2)  
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other

**E5:** High saturated fatty-acid attenuates insulin signaling in mouse GnRH neuronal cell model, mHypoA-GnRH/GFP  
Dean Tran (1), Leigh Wellhauser (1), Jennifer Chalmers (1), Alice Treen (1), **Denise Belsham** (1)  
(1) Department of Physiology, University of Toronto

**E6:** The role of ovarian factors on fetoplacental microvascular growth in late gestation in mice  
Sarah Isaac (1), **Andras Nagy** (2), **S Lee Adamson** (2)  
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto

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**POSTER GROUP F**

Co-chair: Dr. S. Lee. Adamson  
Co-chair: Dr. Prati Sharma  
Judge: Dr. Alexandra Kollara

**F1:** Establishment and application of mice with personalized immune systems: The “real” avatar  
Huijuan Yang (1), **Andras Nagy** (2), **Ian Rogers** (2)  
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto

**F2:** Differentiating pluripotent stem cells and trans-differentiating fibroblasts to Six2+ renal progenitors for kidney cell therapy  
Theresa Chow (1), Manpreet Sambi (2), Jennifer Whiteley (2), Claudio Monetti (2), Mira Li (2), Peter Tonge (2), **Andras Nagy** (3), **Ian Rogers** (3)  
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute, (3) Department of Obstetrics and Gynaecology, University of Toronto

**F3:** Human umbilical cord-derived perivascular cells can differentiate into endothelial-like cells in vitro  
Russell Yanofsky (1), Joe Fish (2), Peter Szaraz (3), Andrée Gauthier-Fisher (2), Leila Maghen (1), **Clifford Librach** (2)  
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Department of Physiology, University of Toronto

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**reproductive endocrinology**

**E4:** Progesterone receptor A mediates de-repression of connexin43 expression  
Lubna Nadeem (1), **Oksana Shynlova** (2), **Xuesen Dong** (3), **Stephen Lye** (2)  
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other

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**stem cell biology**

**F1:** Establishment and application of mice with personalized immune systems: The “real” avatar  
Huijuan Yang (1), **Andras Nagy** (2), **Ian Rogers** (2)  
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**F2:** Differentiating pluripotent stem cells and trans-differentiating fibroblasts to Six2+ renal progenitors for kidney cell therapy  
Theresa Chow (1), Manpreet Sambi (2), Jennifer Whiteley (2), Claudio Monetti (2), Mira Li (2), Peter Tonge (2), **Andras Nagy** (3), **Ian Rogers** (3)  
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute, (3) Department of Obstetrics and Gynaecology, University of Toronto

**F3:** Human umbilical cord-derived perivascular cells can differentiate into endothelial-like cells in vitro  
Russell Yanofsky (1), Joe Fish (2), Peter Szaraz (3), Andrée Gauthier-Fisher (2), Leila Maghen (1), **Clifford Librach** (2)  
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Department of Physiology, University of Toronto
F4: Combined cell and gene therapy towards the treatment of age-related macular degeneration and diabetic retinopathy
Sabihah Hacibekiroglu (1), Iacovos Michael (2), Peter Westenskow (3), Brian Ballios (4), Mitrousis Nikolaos (4), Tuo Jingsheng (3), Chi Chao Chan (3), Shelley Boyd (5), Derek van der Kooy (4), Martin Friedlander (3), Andras Nagy (6)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Other (Switzerland), (3) Other (United States), (4) Other (Canada), (5) St Michael’s Hospital, (6) Department of Obstetrics and Gynaecology, University of Toronto

F5: Human umbilical cord-derived perivascular cells support angiogenesis in vitro
Joe Fish (1), Russell Yanofsky (1), Leila Maghen (2), Peter Szaraz (3), Shlomit Kenigsberg (2), Andréé Gauthier-Fisher (1), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

G1: Validation of the Generic Error Rating Tool (GERT) in gynecologic laparoscopy
Heinrich Husslein (1), Lindsay Shirreff (1), Esther Bonrath (2), Eliane Shore (1), Guylaine Lefebvre (1), Teodor Grantcharov (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St Michael’s Hospital

G2: Qualitative analysis to establish verbal and non-verbal components of teaching skilled vaginal breech, non-rotational forceps and Kiellands deliveries
Andrea Simpson (1), David Gurau (1), Michael Sekter (1), Eva Mocarski (1), Richard Pittini (1), John Snellgrove (1), Rory Windrim (1), Mary Higgins (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other (Ireland)

G3: The relationship between perceived stigma, social support and quality of life in single mothers by choice
Jing Yu (1), Kevin Quach (2), Jan Silverman (2), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

G4: Preliminary quantitative evaluation of Afya Jamii (Group Care) in western Kenya
Amy Zipursky (1), Carolyne Kipkoech (1), Rachel Spitzer (2), Astrid Christoffersen-Deb (2)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto
G5: The Community Health Volunteer Incentive Project
Sanjana Mitra (1), Astrid Christoffersen-Deb (2), Suzanne Jackson (1), Diana Menya (3)
(1) Other (Canada), (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other (Kenya)

G6: Chama cha MamaToto: Evaluation of a peer support mechanism to improve maternal and infant health in Western Kenya
Kelsey Ragan (1), Justus Elung’at (2), Monica Atieno (2), Rachel Spitzer (1), Julia Songok (2), Astrid Christoffersen-Deb (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other (Kenya)

POSTER GROUP H
Co-chair: Dr. Edward Ryan
Co-chair: Dr. Alicia Tone
Judge: Dr. Yaakov Bentov (except H6)
Judge: Dr. Marjorie Dixon (H6)

H1: Prediction of oocyte yield after administration of a gonadotropin-releasing hormone (GnRH) agonist trigger
Crystal Chan (1), Ritika Arora (1), Heather Shapiro (1), Ellen Greenblatt (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

H2: Development of next generation sequencing (NGS) for preimplantation genetic screening (PGS) of human embryos for aneuploidy
Alexander Lagunov (1), Rina Abramov (2), Valeriy Kuznyetsov (2) Siamak Bashar (2), Zenon Ibarrientos (2), Gelareh Motamedi (2), Mike Crowe (2), Hanna Balakier (2), Theodore Brown (1), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

H3: A human umbilical cord-derived perivascular cell feeder culture system for the ex-vivo propagation of spermatogonial stem cells
Ekaterina Shlush (1), Tanya Barretto (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

infertility II

H4: IVF success rates in patients who have previously undergone surgical therapy for endometriosis is correlated with the disease stage
Basheer AlKudmani (1), Daniel Buell (1), Joveriyah Salman (1), Clifford Librach (1), Prati Sharma (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

H5: The relationship between gender role identity and quality of life in men experiencing infertility
Marc Dagher (1), Kevin Quach (2), Sergey Moskovtsev (1), Jan Silverman (2), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

H6: Age-associated elongation of telomere length in human spermatozoa
Pamela Chan (1), Sergey Moskovtsev (2), Shlomit Kenigsberg (3), Clifford Librach (2)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other
**Poster Group I**
Co-chair: Dr. Ellen Greenblatt
Co-chair: Dr. Sergey Moskovtsev
Judge: Dr. Christine Derzko

**I1: Cord occlusion in complicated monochorionic multiple pregnancies: Comparison of techniques**
Darine El-Chaar (1), Kathy Gouin (1), Kara Aitken (1), Rory Windrim (1), Gareth Seaward (1), Johannes Keunen (1), Robert Beecroft (2), John Kachura (3), Prakash Shah (1), Greg Ryan (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital, (3) University Health Network

**I2: Sphingosine-1-phosphate (S1P) and regulation of drug transporter (P-glycoprotein) activity in the developing blood-brain barrier**
Samantha Kearney (1), William Gibb (2), Stephen Matthews (1)
(1) Department of Physiology, University of Toronto, (2) Other

**I3: The impact of adoption of the IADPSG criteria for the screening and diagnosis of gestational diabetes**
Karli Mayo (1), Nir Melamed (1), Hilde Vandenbergh (2), Howard Berger (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St Michael’s Hospital

**I4: Pregnancy outcomes of women admitted to a tertiary care centre with short cervix**
Alison Shea (1), Andrea Simpson (1), Jon Barrett (1), Noor Ladhani (1), Ori Nevo (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

**I5: Characterizing the protein expression and localization pattern of myometrial MMPs throughout pregnancy, labour and post-partum in rats**
Tina Tu-Thu Nguyen (1), Oksana Shynlova (2), Stephen Lye (2)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto

**I6: A combination of single nucleotide polymorphisms in the 3’ untranslated region of HLA-G is associated with preeclampsia**
Kirah Hahn (1), Yuan Zhang (2), Kevin Quach (1), Stephanie Grover (2), Shlomit Kenigsberg (1), Clifford Librach (2)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

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**Poster Group J**
Co-chair: Dr. Clifford Librach
Co-chair: Dr. Sari Kives
Judge: Dr. Janet Bodley

**J1: Antenatal glucocorticoid treatment has multigenerational effects on behavior of juvenile offspring via paternal transmission**
Vasili Moisiadis (1), Alisa Kostaki (1), Stephen Matthews (1)
(1) Department of Physiology, University of Toronto

**J2: Using estimated fetal weight at level II ultrasonography to predict gestational diabetes mellitus and newborn macrosomia**
Pamela Liao (1), Alison Park (2), Howard Berger (1), Joel Ray (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) St. Michael’s Hospital
J3: Maternal and neonatal outcomes in triplet gestation – A North American experience
Anne-Maude Morency (1), Wendy Whittle (1), Garreth Seaward (1), Prakesh Shah (1), Kellie Murphy (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

J4: Antenatal glucocorticoid treatment and programming of the juvenile pituitary
Fabiha Rahman (1), Vasilis Moisiadis (1), Stephen Matthews (1)
(1) Department of Physiology, University of Toronto

J5: Treating early onset preeclampsia in triplets with severe IUGR by fetal reduction: A case report
Carmen McCaffrey (1), Ori Nevo (1), Jon Barrett (1), Elad Mei-Dan (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

K1: Is venous thromboprophylaxis necessary in patients undergoing minimally invasive surgery for a gynecologic malignancy?
Genevieve Bouchard-Fortier (1), William Geerts (2), Allan Covens (1), Rachel Kupets (1), Danielle Vicus (1), Lilian Gien (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

K2: The impact of BRCA1 expression on glucocorticoid receptor signaling in ovarian cancer cells
Vladimir Djedovic (1), Alexandra Kollara (2), Theodore Brown (3)
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute, (3) Department of Obstetrics and Gynaecology, University of Toronto

K3: Does the initial management of high-grade serous ovarian cancer predict sites of recurrence?
Clara Cheong (1), Paulina Cybul ska (1), Grainne Murphy (2), Jocelyn Stewart (2), Sarah Ferguson (2), Ur Metser (1), Marcus Bernardini (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

K4: SPARC inhibits VEGF-induced activation of ERK and p38 MAPK and blocks endothelial cell migration and proliferation
Soyeon Park (1), Alexandra Kollara (2), Annie Bourdeau (1), Marzena Cydzik (1), Jean Gariepy (1), Maurice Ringuette (1), Theodore Brown (3)
(1) Other, (2) Lunenfeld-Tanenbaum Research Institute, (3) Department of Obstetrics and Gynaecology, University of Toronto

K5: Surgical factors and timing of surgery do not impact survival in patients with high-grade serous ovarian cancer treated with neoadjuvant chemotherapy
Jocelyn Stewart (1), Alicia Tone (1), Barry Rosen (2), Taymaa May (1)
(1) University Health Network, (2) Department of Obstetrics and Gynaecology, University of Toronto

K6: Performance study of the risk of malignancy index (RMI) and risk of ovarian malignancy algorithm (ROMA) by histology and stage of disease in women diagnosed with ovarian cancer
Genevieve Lennox (1), Lua Eiriksson (2), Clare Reade (1), Felix Leung (2), Golnessa Mojtahedi (2), Esheu Atenafu (2), Sarah Ferguson (2), Joan Murphy (1), Eleftherios Diamandis (2), Vathany Kulasingam (2), Marcus Bernardini (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other
**POSTER GROUP L**
Co-chair: Dr. Sarah Ferguson
Co-chair: Dr. Noor Ladhani
Judge: Dr. Marcus Bernardini

**L1: Oral administration of lactobacillus rhamnosus GR-1 alters the vaginal microbiome profile but not the cecal microbiome in pregnant CD-1 mice**
Siwen Yang (1), Alan Bocking (2), Wei Li (1), John Challis (2), Gregor Reid (3), Gregory Gloor (3)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other

**L2: Neonatal outcomes of preterm twins according to presentation and mode of delivery**
Tiffany Hunter (1), Anne Synnes (2), Sandesh Shivannanda (2), Junmin Yang (1), Lucia Mirea (1), Prakesh Shah (1), Greg Ryan (1), Kellie Murphy (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

**L3: HIV knowledge among pregnant women at an inner city hospital in Toronto, Canada**
Muhseen Yusuf (1), Leanne De Souza (2), Kate Besel (1), Mark Yudin (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St Michael’s Hospital

**L4: Patient profile and reproductive health concerns of young women attending a specialized gynecology clinic**
Alexandra Mardimae (1), Lisa Allen (2), Yolanda Kirkham (2)
(1) Other (Canada), (2) Department of Obstetrics and Gynaecology, University of Toronto

**L5: Web-based education and attitude to caesarean delivery in nulliparous women**
Anjali Kulkarni (1), John Kingdom (1), Emily Wright (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto
POSTER GROUP M
Co-chair: Dr. Wendy Wolfman
Co-chair: Dr. Guylaine Lefebvre
Judge: Dr. Ari Baratz

M1: Static stretch influences the expression of extracellular matrix proteins in vaginal fibroblasts derived from women with severe pelvic organ prolapse
Hala Kufaishi (1), Yaryna Rybak (2), Harold Drutz (2), May Alarab (2), Oksana Shynlova (2)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto

M2: Use of validated standardized questionnaires in urogynaecology: A survey
Pieter Kruger (1), Patricia Lee (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

M3: The impact of social determinants of health on post partum older primiparous women’s perceptions of prenatal care: A needs assessment
Shira Gold (1), Amanda Selk (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

M4: The effect of preoperative waiting time on the quality of life of urogynaecology patients as compared to orthopaedic patients: Interim results
Yvonne Leong (1), Sayoko Kotani (1), Carolyn Best (1), Phaedra Diamond (1), Danny Lovatsis (1), Harold Drutz (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto

M5: Identifying barriers to colposcopy services in women with abnormal pap smears at Women’s College Hospital
Monica Abdelmasih (1), Amanda Selk (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto
JW KNOX RITCHIE RESEARCH AWARDS

We are pleased to announce the following winners of the 2014 JW Knox Ritchie Research Awards for best abstract/presentation by trainee category:

Post-Doctoral Fellow:

**Lubna Nadeem**, (Supervisor: Stephen Lye), Oksana Shynlova, Xuesen Dong  
Progesterone Receptor A mediates de-repression of Connexin43 expression

**Monique Rennie**, (Supervisor: S Lee Adamson), Anum Rahman, Kathie Whiteley, John Sled  
Site-specific Increases in Utero- and Feto-placental Arterial Vascular Resistance in eNOS Deficient Mice Due to Impaired Arterial Enlargement

Clinical Fellow:

**Heinrich Husslein**, (Supervisor: Guylaine Lefebvre), Lindsay Shirreff, Esther Bonrath, Elaine Shore, Teodor Grantcharov  
Validation of the Generic Error Rating Tool (GERT) in gynecologic laparoscopy

**Rohan D’Souza**, (Supervisor: John Kingdom), Sarah Keating, Melissa Walker, Sascha Drewlo  
Unfractionated Heparin, Placental Ultrasound and Placental Histopathology: Secondary analysis of a pilot randomized controlled trial

Resident:

**Paulina Cybulska**, (Supervisor: Marcus Bernardini), Jocelyn Stewart, Blaise Clark, Benjamin Neel  
Ovarian High Grade Serous Cancer Xenografts as Pre-Clinical Models of Response to Chemotherapy

Graduate Student:

**Stephanie Baello**, (Supervisor: Stephen Matthews), Majid Iqbal, William Gibb  
Astrocyte-Derived Factors Increase Multidrug Resistance via P-glycoprotein at the Developing Blood-Brain Barrier
Research Grants and Investigations
PEER-REVIEWED GRANTS

Over $10,000
PI=Principal Investigator
NB: The prorated dollar amount for the period July 1 2013 – June 30 2014 precedes the total funding for the grant.

Adamson SL (PI), Nagy A. Role of placental VEGF-A and FLT1/sFLT1 in placental vascularity, fetal growth, and maternal function in mice. Canadian Institutes of Health Research (CIHR), Operating Grant, $210,926 ($1,028,010 total), April 2009 – March 2014.


Berger H (PI). Improving the cardiometabolic health of mothers and young children. Academic Funding Program Innovation Funds, Grant, $41,603 total, April 2014 – April 2016.


Bhattacharjee J (PI), Caniggia I. The role of Mcl-1 in regulating placental cell fate. Canadian Institutes of Health Research (CIHR), HOPE-Scholarship, Operating Grant, $8,334 ($46,000 total), September 2011 – January 2014.


Campos S (PI), May T. The use of Tivozanib (AV-951) as maintenance therapy post neoadjuvant chemotherapy in ovarian, fallopian tube or primary peritoneal carcinoma- Phase II clinical trial. National Comprehensive Cancer Network (NCCN), Research Grant, $337,500 USD total, July 2012 – September 2014.

Caniggia I (PI), Jurisicova A, Post M. The role of Bcl-2 family members in regulating placental cell fate. Canadian Institutes of Health Research (CIHR), Operating Grant, $76,586 ($781,420 total), October 2008 – September 2013.

Casper RF (PI), Rahman SA, Shapiro CM. Ameliorating affective disorder induced by circadian rhythm disruption. Canadian Institutes of Health Research (CIHR), Operating Grant, $71,669 ($427,126 total), October 2010 – September 2013.


Covens A (PI), Carter J, Ali S. Evaluation of physical function and quality of life (QOL) before and after non-radical surgical therapy (extrafascial hysterectomy or cone biopsy with pelvic lymphadenectomy) for Stage IA1 (Ivsi+) and IA2-IB1 (≤ 2cm) cervical cancer (GOG 278). National Cancer Institute - National Institutes of Health, $200,000 USD total, 2013-2016.

Feig DS (PI), Armson BA, Asztalos EV, Fantus, IG, Lee SK, Lipscombe L, Murphy KE, Ohlsson A, Ryan EA, Tomlinson GA, Zinman B (CIs). The MiTY Trial (Metformin in Women with Type 2 Diabetes in Pregnancy). Canadian Institutes of Health Research (CIHR), Operating Grant, $386,420 ($1,525,863 total) October 2010 – September 2015.


Ferguson SE, Catton P. Development of survivorship and education program for gynaecologic cancer patients. Princess Margaret Foundation – Weekend to End Women’s Cancer 2009, $90,000, ($360,000 total) 2010 – 2013.


Harris D, Rogers I (Co-PIs). A model for analyzing the role of extrinsic factors responsible for aging of the human immune system. National Institutes of Health, Eureka Grant, $40,000 ($160,000 total), April 2010 – May 2014.


Grants in Maternal Health: From Pre-conception to the Empty Nest, $300,000 ($922,500 total), April 2011 – January 2015.

**Jurisicova A (PI).** Acid sphingomyelinase - a regulator of reproductive success. Natural Sciences and Engineering Research Council of Canada (NSERC), Discovery Grant Program – Individual, $30,000 total, March 2013 – April 2014.

**Jurisicova A (PI).** Mcl-1 as a regulator of ovarian reserve. Canadian Institutes of Health Research (CIHR), Operating grant, $139,744 ($350,336 total), October 2012 – September 2017.


**Kingdom JC (PI), Cox BJ.** Placental response to heparin: Implications for the prevention of pre-eclampsia. Canadian Institutes of Health Research (CIHR), Operating Grant, $130,415 ($326,038 total), October 2012 – September 2017.

**Kingdom JC, Cox BJ (Co-PIs).** Villous trophoblast turnover. Canadian Institutes of Health Research (CIHR), Operating Grant Renewal, $148,450 ($593,799 total), October 2010 – September 2014.


**Kroft J (PI), Ordon M, Lee J, Pittini R.** Can surgical “warm-up” with instructor feedback improve operative performance of surgical trainees? Sunnybrook Health Sciences SEAC ERC Education Research and Scholarship Grant, Sunnybrook Health Sciences Centre, $2,986 ($9,704 total), March 2013 – March 2014.


**Ligge L, Derzko C.** Use of optical breast spectroscopy to evaluate short-term (early) breast tissue changes in post-menopausal women initiating menopausal hormone therapy. Princess Margaret Hospital Foundation, Weekend Walkers Breast Cancer Innovation Fund, $100,000, 2010 – ongoing.


Lye SJ (PI). Fetal, neonatal and maternal health. Canadian Institutes of Health Research (CIHR), Tier 1 Canada Research Chairs Program, Operating Grant, $200,000 ($1,400,000 total), July 2008 – June 2015.


Lye SJ (PI), Adamson L, Matthews SG, Pennell CE. A murine model to investigate the mechanisms underlying DOHaD. Canadian Institutes of Health Research (CIHR), Operating Grant, $189,892 ($1,284,525 total), October 2011 – March 2016.

Lye SJ (PI), Challis J, Dong X. Progesterone signalling during pregnancy and labour. Canadian Institutes of Health Research (CIHR), Operating Grant, $152,036 ($636,990 total), April 2011 – March 2016.


Maxwell C, McDonald SD (PIs), Beyene B, Gilgia L. Synthesizing the best evidence for weight gain during pregnancy in obese women: Were the national guidelines excessive? Canadian Institutes of Health Research (CIHR), Knowledge Synthesis Grant, $100,000 total, March 2014 – February 2015.


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. The Vaginal Microbiome Project Team. Emerging Team Grant: Canadian Microbiome Initiative, Canadian Institutes of Health Research (CIHR), Operating Grant, $373,730, ($1,642,366 total), September 2010 – August 2015.

Murphy KJ (PI), Chapman B, Boerner S. Evaluation of the role of human papilloma virus testing p16 expression in the management of patients undergoing cervical screening. Princess Margaret Hospital Foundation, $257,000 total, 2008 – Present.

Nagy A. Tier 1 - Canada Research Chair in Stem Cells and Regeneration, $200,000 ($1,400,000 total), October 2007 – September 2014.

Nagy A (PI). Somatic cell reprogramming and therapeutics. Canadian Institutes of Health Research (CIHR), $250,015 ($1,251,797 total), April 2010 – March 2015.


Narod SA (PI), Casper RF, Kotsopoulos J, Wheeler AR. The physiological impact of postmenopausal oophorectomy on hormone levels in women with BRCA1 mutation. Canadian Institutes of Health Research (CIHR) - NSERC partnered, Collaborative Health Research Projects, $199,319, ($412,769 total), April 2012 – March 2015.


Narod S, Quan M (Co-PIs), Glass K. SPOKE and Gypsy: Studies to Encourage Early Fertility Preservation Referral and to Predict Effects of Treatment on Fertility of Young Women with Breast Cancer. Canadian Breast Cancer Foundation (CBCF) and Canadian Institutes of Health Research (CIHR) Breast Cancer in Young Women Research Program, $5,700,000 total, June 2014 - June 2018.


Rogers I (PI), Lee P. Does nitric oxide supplementation increase stem cell survival and proliferation? Centre for Commercialization and Regenerative Medicine, Proof of Principle Grant, $30,000 total, December 2013 – December 2014.


Rosen B (PI), Lee P. Oncology Nursing Training Partnership between Princess Margaret Cancer Centre and Moi Teaching and Referral Hospital. PMH Social Responsibility Fund, $20,000 total, 2014-2015.


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


Shynlova O (PI), Alarab M. Vaginal stretch and ovarian hormones: Potential implications for the development of pelvic organ prolapse. Research Fund, Department of Obstetrics and Gynaecology, Mount Sinai Hospital, (Clinical Trials), $25,000 total, July 2012 – June 2014.


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


Vicus D (PI), Lin Y, Pasetka M, Kiss A, Callum J. A randomized controlled trial of pre-operative treatment with ferrous fumarate 300 mg once daily versus placebo in newly diagnosed gynecologic oncology patients who are primary surgical candidates. Sunnybrook Health Sciences Centre, Alternative Practice Plan Innovation Fund, $72,762 total, 2012-2013.

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


## INDUSTRY GRANTS


**Liu KE (Co-PI).** Effect of endometrial biopsy on in-vitro fertilization pregnancy rates- a randomized, multicentre study. Ferring Inc, Unrestricted Educational Grant, $134,400 ($280,000 total), April 2012 - April 2014.

**Rosen B (PI).** FLTR (Find, Link, Treat, Retain) in Cervical Cancer Screening. Abbvie Foundation Grant, $100,000 total, 2014-2015.

**Wolfman W.** 2 Year Unrestricted Grant for 2 year menopause Fellowship at Mount Sinai Hospital. Pfizer Canada Inc, $100,000 total, June 2014 – June 2015.
COMMON ABBREVIATIONS

AACR  American Association for Cancer Research
AAGL  American Association of Gynecologic Laparoscopists
AAP   American Academy of Pediatrics
ACOG  American Congress of Obstetricians and Gynecologists
ACS   American Cancer Society
AEPC  Association for European Paediatric Cardiology
AHA   American Heart Association
AHFMR Alberta Heritage Foundation for Medical Research
AHSC  Academic Health Sciences Centres
AIUM  American Institute of Ultrasound in Medicine
AMPATH Academic Model Providing Access to Healthcare
APGO  Association of Professors of Gynecology and Obstetrics
APOG The Association of Academic Professionals in Obstetrics and Gynaecology of Canada
ASBMR American Society for Bone and Mineral Research
ASCCP American Society for Colposcopy and Cervical Pathology
ASCP  American Society for Clinical Pathology
ASCO  American Society of Clinical Oncology
ASHG  American Society of Human Genetics
ASRM  American Society for Reproductive Medicine
AWHONN Association of Women's Health, Obstetric and Neonatal Nurses
BICOG British International Congress of Obstetrics and Gynaecology
CFAS  Canadian Fertility and Andrology Society
CAGS  Canadian Association of General Surgeons
CAHR  Canadian Association of HIV Research
CAHSPR Canadian Association for Health Services and Policy Research
CanDIPS Canadian Diabetes in Pregnancy Study Group
CANN  Canadian Association of Neonatal Nurses
CANPAGO Canadian Paediatric and Adolescent Gynaecology and Obstetricians (SOGC)
CAPHC Canadian Association of Paediatric Health Centres
CAPRI Canadian Alliance for Pediatric Rheumatology Investigators
CAPSNet Canadian Pediatric Surgery Network
CAR  Canadian Association of Radiologists
CaRMS The Canadian Resident Matching Service
CARO/ACRO Canadian Association of Radiation Oncology | Association canadienne de radio-oncologie
CBCF  Canadian Breast Cancer Foundation
CBCRA Canadian Breast Cancer Research Alliance
CCASN Canadian Congenital Anomalies Surveillance Network
CCC  Canadian Cardiovascular Congress
CCHCSP Canadian Child Health Clinician Scientist Program
CFPC  College of Family Physicians of Canada
CCME  Canadian Conference on Medical Education
CCMG  Canadian College of Medical Geneticists
CCMS Chinese Canadian Medical Society (Ontario)
CCOCR Canadian Conference on Ovarian Cancer Research
CCSRI Canadian Cancer Society Research Institute
CDA  Canadian Diabetes Association
CEPD Continuing Education and Professional Development (University of Toronto)
CERI  Canadian Epilepsy Research Initiative
CFPC  College of Family Physicians of Canada
CFRC Centre for Fertility and Reproductive Care (MSH)
IPE Interprofessional Education
IPOS International Psycho-Oncology Society
ISDS International Skeletal Dysplasia Society
ISMRM The International Society for Magnetic Resonance in Medicine
ISSCR International Society for Stem Cell Research
ISSHP The International Society for the Study of Hypertension in Pregnancy
ISSTD International Society for the Study of Trophoblastic Diseases
IUGA International Urogynecological Association
LHIN Local Health Integration Network
MEFS Middle East Fertility Society
MICYRN Maternal Infant Child and Youth Research Network
MOHLTC Ministry of Health and Long-Term Care (Ontario)
MSH Mount Sinai Hospital
NAFTNet The North American Fetal Therapy Network
NAMS North American Menopause Society
NASOM North American Society of Obstetric Medicine
NASPAG North American Society for Pediatric and Adolescent Gynecology
NESA New European Surgical Academy
NCI National Cancer Institute (part of NIH)
NIDA National Institute on Drug Abuse
NIH National Institutes of Health
NSERC Natural Sciences and Engineering Research Council of Canada
NYGH North York General Hospital
NYSORA The New York School of Regional Anesthesia
OCFP Ontario College of Family Physicians
OGS/OGSST Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology
OMA Ontario Medical Association
OTIS Organization of Teratology Information Specialists
PAG Paediatric and Adolescent Gynaecology
PAS The Pediatric Academic Societies
PCRS Pacific Coast Reproductive Society
PMH Princess Margaret Hospital
PNOGA Pacific Northwest Obstetrical and Gynecological Association
POGO Pediatric Oncology Group of Ontario
PREBIC PREterm Birth Collaborative
PSANZ Perinatal Society of Australia and New Zealand
PSI Physicians’ Services Incorporated
RCOG Royal College of Obstetricians and Gynaecologists (UK)
RCPCS Royal College of Physicians and Surgeons of Canada
RSNA Radiological Society of North America
SAEM Society for Academic Emergency Medicine
SAGES Society of American Gastrointestinal and Endoscopic Surgeons
SCMR Society of Cardiovascular Magnetic Resonance
SGI Society for Gynecologic Investigation
SGO Society of Gynecologic Oncology
SHSC Sunnybrook Health Sciences Centre
SHUTC Sunnybrook Hospital University of Toronto Clinic (legal name, operates, as of 1973, as Academic Clinicians’ Management Services)
SIBEN SIBEN, the Sociedad Iberoamericana de Neonatología
SIECCAN Sex Information and Education Council of Canada
SIR Society of Interventional Radiology
SJHC St. Joseph’s Health Centre
SLRI  Samuel Lunenfeld Research Institute
SLS  Society of Laparoendoscopic Surgeons
SMFM  Society for Maternal-Fetal Medicine
SMH  St Michael’s Hospital
SMIG  Society of Minimally Invasive Gynaecology
SOGC  Society of Obstetricians and Gynaecologists of Canada
SOGIBA  Sociedad de Obstetricia y Ginecología de Buenos Aires
SOGS  Saudi Obstetrics and Gynecological Society
SOGT  Society of Obstetricians and Gynaecologists of Toronto
SORB  Southern Ontario Reproductive Biology
SSR  Society for the Study of Reproduction
STGO  Tunisian Societies of Gynaecology and Obstetrics
STLHE  Society for Teaching and Learning in Higher Education
TAHSN  Toronto Academic Health Science Network
TEGH  Toronto East General Hospital
UGSA  UroGynaecological Society of Australasia
UHN  University Health Network
USCAP  United States and Canadian Academy of Pathology
WAGO  Western Association of Gynecologic Oncologists
WEBC  Weekend to End Breast Cancer
WFUMB  World Federation for Ultrasound in Medicine and Biology
WHI  Women’s Health Initiative
WHO  World Health Organization
WRGC  World Robotic Gynecology Congress