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
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Toronto, Ontario M5G 1E2

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Fax: 416-978-8350
Website: http://www.obgyn.utoronto.ca
Dr. Matthew Morton  
June 12, 1976 - August 27th, 2015  
Assistant Professor of Obstetrics & Gynaecology

An obstetrician, renowned pelvic surgeon, award winning teacher, pictured here with his wife Heidi and children. Dr. Morton made significant impacts on his students, residents, colleagues and patients that will be forever remembered. We are extremely saddened to lose such a great colleague, physician, and friend. He will be deeply missed.
The Department would like to thank the following individuals for their contributions to the creation of this report:

Kristen Gane
Joe George
Shayna Henry
Khrystyna Levytska
Jeannette Moniz
Alissa Moody
Irisz
Caroline Sutherland
Tina Xue

A beautiful female Blue-throated Starfrontlet Hummingbird photographed by Dr. Peter Hawrylyshyn MD PhD, Core Obstetrics & Gynaecology, Mount Sinai Hospital.

Common abbreviations used throughout the text are shown on pages 133 to 136.
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Welcome to our 2014-2015 Annual Report, one that reflects our collective achievements in my second year as your Department Chair. We are now settled into our new home at 123 Edward Street, 12th floor. Many of you have seen our modern facilities, including our large boardroom, with videoconference capability, which can seat up to 40 people and is a very useful resource for you to consider for future activities.

New to this year’s report (see page 45) is a section devoted to the inaugural Chair’s Summer Student Research Program, including support of University of Toronto medical students in CREMS programs. A total of 17 students received support, conducting research with supervisors at all sites and across the full width of our specialty. Students were asked to send in a photo of them with their supervisor, and write a short paragraph about their experience. It’s “Editor’s Choice” as this section illustrates so well how much we are energized to improve women’s health through the efforts of emerging new researchers.

Our academic year began with a successful Faculty Professional Development Day at Vaughan Estates - thanks to Dr. Filomena Meffe and her colleagues organizing this event. Many talented individuals across our Hospitals were recognized for their outstanding contributions to Education and Research through the Chair’s Awards and our Undergraduate and Postgraduate Teaching Awards, as listed in this report. In November, 2014, Dr. Modupe Tunde-Byass at North York General Hospital, resplendent in her traditional dress and accompanied by her proud husband, was our Department’s recipient of the APOG Carl Nimrod Educator of the Year Award. A new and important dimension to the event was the incorporation of a formal celebration of our Faculty who were successful with their Senior Promotions, effective July 1st, 2014: these were Wendy Wolfman to full Professor and Drs. May Alarab, Janet Bodley, and Sarah Ferguson to Associate Professor. In addition, we would like to acknowledge Drs. Marcus Bernardini, Ian Rogers, Rachel Spitzer, and Suzanne Wong, who were successful with Senior Promotions effective July 1st, 2015. The 2015 promotions are profiled in this report from page 42 and 43.

Research Day in May was yet another great success, where we pushed through two major barriers; over 100 abstracts and over 300 attendees. My thanks to Dr. Steve Lye, Dr. Ted Brown, and Ms. Helen Robson, our Research Committee and our Administration Team for a perfectly coordinated event. Dr. Hamish Wallace, Professor of Paediatric Oncology at the Royal Hospital for Sick Children and University of Edinburgh, Scotland, gave a captivating talk on “Oncofertility: Fertility preservation for young people with cancer – who is at risk and what can be offered.” The program and award winners are shown from page 53. Sadly, as many of you know I could not be present as I attended the funeral of my close friend, and our distinguished 2014 Henderson Lecturer, Professor Aidan Halligan from London, England. We will remember him fondly for his inspirational talk on Leadership, which can be viewed from our website at (http://www.obgyn.utoronto.ca/news/memory-professor-aidan-halligan).
In June, building on the success of our newly-designed formal Resident Graduation event at the University of Toronto’s Faculty Club, we moved this June 2015 event to Hart House, and continued the popular music of Gustav Scolieri (which you can view at: www.puentedeldiablo.com). Many thanks to Dr. Elaine Herer, from Sunnybrook Health Sciences Centre, for her address to the graduates, accompanied by their families and close friends. With perfect evening weather, we then moved out to the quadrangle after the ceremony to enjoy good food and company. UofT OBGYN now has over 120 postgraduate trainees, making it the largest hub for advanced OBGYN training in the world. Please come back next year to this great event, as it has become a new Department tradition!

Next, I would like to express what many of you have told me in person, which is that we have nurtured a great Administration Team at 123 Edward St, your academic home. Our Senior Business Officer, Ms. Tina Xue, has masterminded significant improvements in many areas of our responsibilities. In the early part of the year, we launched our new website, and have continued since towards our goal of having the most practical, user-friendly site we can, that, in tandem, is reflective of the vibrant energy of each of the various domains that come together as “OBGYN.” I would like to thank our two interns, Ms. Khrystyna Levytska, and Ms. Shayna Henry, for their substantial and excellent contributions to projects, including website launch, pilots in competency-based medical education, and in supporting our Global Health program in Eldoret, Western Kenya. Khrystyna has started Medical School at Wayne State University in Detroit, while Shayna has started Medical School at the University of Cork in Ireland. Continuing this new tradition of providing transitional careers to younger people, the Department welcomes Mr. Andrew Greig and Ms. Alissa Moody to our intern positions as of July 1st, 2015.

Following the launch of our Strategic Plan with Ms. Cate Creede and Mr. Danny Nashman of The Potential Group, the Department has established leads for each of our five priority areas, directing resources to their short and medium-term goals. The Faculty of Medicine made a change in 2014 to align Faculty Development Day each year to Remembrance Day, November 11th. Our Department took this opportunity to create an annual morning Strategic Plan update meeting with the Priority Area leaders, their committees, the Department Executive and the Potential Group. We met for the first update on November 11th, 2014 and intend to publish a mid-cycle Strategic Plan Update following the next meeting on November 11th, 2015.

Many of you know that my main focus is that we move towards a collective feeling of a unified Department in Toronto, one that both celebrates its prowess as a world-class hub for postgraduate education, and is a champion for clinically-meaningful research that delivers measurable positive outcomes for women. I believe we are now on that path, with no better example in the past 12 months than our GTA-OB network, whose activities are now displayed on our website with a unique logo. The rising importance and impact of GTA-OB would not be possible without the very wide support of our Community Hospital leaders, in partnership with our fully-affiliated Hospitals, coordinated by Dr. Jon Barrett and his Executive based at Sunnybrook Health Sciences Centre. The network has developed its first clinical practice guideline, has started dashboard indicators by hospital for key Obstetrical outcomes, and is now working on a Delphi Conference on Invasive Placentation. As Chair, I am committed to working with several Gynaecology groups within the Department, who, due to their size, accomplishments, and resources, are ideally placed now to take on this concept of coming together as powerful regional networks in our city of over 5 million people.

The Department continues its efforts to support mid-career physicians in their career development. Amongst these, we congratulate Drs. Filomena Meffe, Sarah Ferguson and Cynthia Maxwell for completing the New and Emerging Academic Leaders (NEAL) program in May, 2015. Dr. Rebecca Arthur completed her MSc in QIPS at our Institute for Health Policy Management and Evaluation (IHPME) and Dr. Elyse Lackie returned to North York General Hospital after a 12-month sabbatical in New York, where she successfully completed her MPH at Columbia University. Additionally, we would like to recognize two of our residents, Aparna Sarangapani and Carmen McCaffrey, who entered the Stepping Stones Program at the Centre for Faculty Development for 2015.
Our Department is noted for its impact in Global Women’s Health, as evidenced by our partnership with the Department of Reproductive Health at Moi University in Eldoret, directed onsite by Dr. Astrid Deb-Christoffersen, with support from our Vice Chair in Global Women’s Health and Advocacy, Dr. Rachel Spitzer at Mount Sinai Hospital. This year is noted for a substantial renewed philanthropic gift of $500,000 from the Purpleville Foundation. We thank Mr. Tim Evans from this Foundation for their continued support of our Department’s efforts in Kenya. Congratulations in particular to our Division of Gynaecologic Oncology, for their achievements in creating the first successful sub-Saharan fellowship in Gynaecologic Oncology, with graduates in 2014. A comprehensive program description and update from this year can be found on page 39.

I would also like to congratulate the following individuals who received their faculty appointment in the 2014-2015 academic year:

Clinical:

Rohan D’Souza – Mount Sinai Hospital
Claire Jones – Mount Sinai Hospital
M. Jonathon Solnik – Mount Sinai Hospital
Alice Pham – St. Joseph's Health Centre
Michael Geary – St. Michael's Hospital
Anne Berndl – Sunnybrook Health Sciences Centre
Nir Melamed – Sunnybrook Health Sciences Centre
Dora Chan – Toronto East General Hospital
Siobhan Mark – Trillium Health Partners, Credit Valley Hospital
Anne Walsh – Southlake Regional Health Centre
Carol Peng – The Scarborough Hospital
Shiraz Suleman – William Osler Health System, Brampton Civic Hospital

Cross Appointments:

Brian Cox – Department of Physiology
Kevin Kain – Department of Medicine
Mike Seed – Departments of Paediatrics and Medical Imaging

During the year, the following members have left our department and deserve our thanks for their efforts. Dr. Barry Rosen, Head of Gynaecologic Oncology at University Health Network and Head of our Gynaecology Oncology Division, left to lead a program in Gynaecologic Oncology at the Beaumont Hospital Group, in Detroit, Michigan. Barry had a distinguished career here at the University of Toronto, mentoring many younger surgeon investigators to successful careers not only across Canada, but also further afield due to the international nature of the Fellowship program. He continues to be involved in the program in Kenya. Dr. Guylaine Lefèbvre, Chief of Obstetrics & Gynaecology at St. Michael’s Hospital for the period 2002-2014 and Vice-Chair of our department, left to join the Canadian Medical Protective Association to develop a national program in patient safety. She will be based in Ottawa. Dr. Samar Nahas, a talented junior faculty member in Gynaecologic Oncology based at Trillium Health partners for the past 3 years, has left to pursue new career opportunities in the United States. I would also like to congratulate Dr. S. Lee Adamson on her emeritus status, which she received during the 2014-2015 academic year.
I hope you will take time to peruse sections of this annual report. Readers from many other OBGYN departments, across many countries, will marvel at the richness of our resources, the complexity and volume of our patient care, the staggering number and types of advanced postgraduate trainees that we incubate to become specialists of influence worldwide, our commitments in Patient Safety and Global Women’s Health and the diversity of meaningful research that we publish. All of these efforts are now captured on our website, which I urge you to bookmark. By coming together in greater degrees, between our Hospital sites, across more segments of the Department, we can deliver the full potential of our collective talent and energy.

Best wishes,

John C.P. Kingdom, M.D.
Gordon C. Leitch Chair
Department of Obstetrics and Gynaecology
PRIMARY APPOINTMENTS

Professors Emeriti

S. Lee Adamson
Rudi Borth
AD (Denny) De Petrillo
Terence Doran
Douglas J Gare
Mary E Hannah
Walter J Hannah
Gordon M Hannah
Ron A Livingstone
JE (Ted) Morgan
Jerry Shime

Professors

Jon Barrett
Paul Bernstein
Jennifer Blake
Alan D Bocking
Theodore J Brown
Isabella Canigia
Robert F Casper
Allan L Covens
Harold Drutz
Dan Farine
Michael Geary*
John Kingdom - Chair
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
Marcus Bernardini**
Janet Bodley
Adrian Brown
Sarah Ferguson
Alan Gerulath
James Goodwin
Ellen Greenblatt
Elaine Herer
Andrea Jurisicova
Sari Kives
Rose Kung
Clifford L Librach
Kay Lie
Danny Lovatsis
Cynthia Maxwell
Filomena Meffe
Nir Melamed*
Kellie E Murphy
Nanette Okun
Richard Pittini
Ian Rogers**
Heather Shapiro
Rachel Spitzer**
M. Jonathon Solnik*
Michael Sved
Artin Ternamian
Suzanne Wong**
Mark Yudin
Arthur Zaltz

Assistant Professors

Hani Akoury
Marshall Barkin
Yaakov Bentov
Anne Berndl*
Nicolette Caccia
Kenneth Cadesky
Astrid Christoffersen-Deb
Dennis K. Chu
E Anne Claessens
Howard Cohen
Barbara Cruickshank
Marie Czikk
Rohan D’Souza*
Christine Derzko
Marjorie Dixon
Jason Dodge
Xuesen Dong
Nancy Durand
William A Easton
Frederic A Engle
Michele Farrugia
Tomer Feigenberg
Tatiana Freire-Lizama
Lilian Gien
### Assistant Professors (continued)

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<tr>
<td>Karen Glass</td>
<td>Ann Kinga Malinowski</td>
<td>Rajiv Shah</td>
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<tr>
<td>Mathias Gysler</td>
<td>Adelmo Martoglio</td>
<td>Jodi Shapiro</td>
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<td>Peter Hawrylyshyn</td>
<td>Taymaa May</td>
<td>Prati Sharma</td>
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<td>Man Fan Ho</td>
<td>Colleen McDermott</td>
<td>Oksana Shynlova</td>
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<td>Stephen Im</td>
<td>Eva Mocarski</td>
<td>Sony Sierra</td>
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<tr>
<td>Claire Jones*</td>
<td>Matthew Morton**</td>
<td>Mara Sobel*</td>
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<tr>
<td>Johannes Keunen</td>
<td>Sergey Moskovtsev</td>
<td>Dana Sorka</td>
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<td>Murray Kroach</td>
<td>Ally Murji</td>
<td>Donna Steele</td>
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<td>Jamie Kroft</td>
<td>Dan Nayot**</td>
<td>Wilf Steinberg</td>
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<td>Rachel Kupets</td>
<td>Ori Nevo</td>
<td>Karen Tessler</td>
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<td>Elyse Lackie</td>
<td>Melanie Ornstein</td>
<td>Bruce W Thomas</td>
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<td>Noor Ladhani</td>
<td>L Ray Osborne</td>
<td>Jackie Thomas</td>
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<td>Stéphane Laframboise</td>
<td>Wusun Paek</td>
<td>Modupe Tunde-Byass</td>
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<td>Andrea Lausman</td>
<td>Nicholas Pairaudeau</td>
<td>Danielle Vicus</td>
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<td>Patricia Lee</td>
<td>Alice Pham*</td>
<td>Fay Weisberg</td>
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<tr>
<td>Elyse Levinsky</td>
<td>Deborah Robertson</td>
<td>Wendy Whittle</td>
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<tr>
<td>Grace Liu</td>
<td>David Rosenthal</td>
<td>Herb Wong</td>
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<tr>
<td>Kimberly Liu</td>
<td>Amanda Selk</td>
<td>Brenda T Woods</td>
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### Lecturers

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<tr>
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<tr>
<td>Anjali Aggarwal</td>
<td>Beata Grygowski</td>
<td>Carol Peng*</td>
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<tr>
<td>Rebecca Arthur</td>
<td>Paul Gurland</td>
<td>Perry Phillips</td>
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<td>Clarissa Bambo</td>
<td>Ronnie Hakim</td>
<td>Elin Raymond</td>
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<td>Ari Baratz</td>
<td>Alice Han*</td>
<td>Kimberly Rogers</td>
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<td>Dalip Kumar Bhangu</td>
<td>Helen Ho</td>
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<td>Veena Bonde</td>
<td>Dini Hui</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>
<td>Allan Kanee</td>
<td>Peter W. Scheufler</td>
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<td>David Caloia</td>
<td>Angela Kang</td>
<td>Nicholas Shilletto</td>
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<tr>
<td>Dora Chan*</td>
<td>Yolanda Kirkham</td>
<td>Eliane Shore*</td>
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<tr>
<td>Paul Chang</td>
<td>Danny Kreichman</td>
<td>Paul Shuen</td>
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<tr>
<td>Nicole Cherry</td>
<td>Sabrina Lee</td>
<td>John Robert Smith</td>
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<tr>
<td>Kelly Chu</td>
<td>Sylvie Leone-Tomaschoff</td>
<td>Kirsten Smith</td>
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<tr>
<td>Aleksandre Corbey</td>
<td>Patrick M Liao</td>
<td>Richard Stein</td>
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<td>Catherine Ann Cowal</td>
<td>Terry Logaridis</td>
<td>Linda Stirk</td>
</tr>
<tr>
<td>Jennifer Cram</td>
<td>Roberta Mackenzie</td>
<td>Shiraz Suleman*</td>
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<tr>
<td>Lanval (Joe) Daly</td>
<td>Tara MacLeod</td>
<td>Melissa Tai</td>
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<tr>
<td>Alfonso Del Valle Rebeil</td>
<td>Erica Mantay</td>
<td>Scott Tigert</td>
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<tr>
<td>Karthika Devarajan</td>
<td>Siobhan Mark*</td>
<td>Carol Wade</td>
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<tr>
<td>Phaedra Diamond</td>
<td>Mary Melchior</td>
<td>Anne Walsh*</td>
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<td>Anthony Di Pierdomenico</td>
<td>Matthew Morton</td>
<td>Peter Watt</td>
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<tr>
<td>Patricia Doyle</td>
<td>Kerry Myckan</td>
<td>Georgina Wilcock</td>
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<tr>
<td>Marianne R Duemler</td>
<td>Alexandra Nevin Lam</td>
<td>Jeremy C Wong</td>
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<tr>
<td>Maja Gans</td>
<td>Kendra Newell</td>
<td>Lynne Zolis</td>
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<tr>
<td>Dimitrios Giannoulias</td>
<td>Andrea Page*</td>
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<tr>
<td>Gwendolyn Goodrow</td>
<td>Esther Park</td>
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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
Alice Han
Jevan Ko

Adjunct Assistant Professors
Samuel Charles (Peter) Bryson
Asha Kurup
Joanne Ma
Haidar Mahmoud
Jan Scheeres
Michael Silver
Gita Singh
Vincent Wu

CROSS APPOINTMENTS

Professors Emeriti
John Challis

Physiology

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

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

Ida Ackerman  
Elizabeth Asztalos  
Mrinalini Balki  
Michael Dunn  
Denice Feig  
Katherine Fong  
Phyllis Glanc  
Evelyn Lambe  
Stephen Holzapfel  
Sarah Keating  
Carl Laskin  
Jose Sarrazin  
Andrew T. Shennan  
Candice Silversides  
John Sled  
Rachel Wald**  
Shui Eugene Yu  

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

Assistant Professors

Tony Barozzino  
Karen Chong  
Brian Cox*  
Mike Seed*  
Michael Sgro  
Martin Skidmore  
Sandra Viero  

Paediatrics  
Paediatrics  
Physiology  
Paediatrics  
Paediatrics  
Paediatrics  
Laboratory Medicine & Pathobiology

Lecturers

Fern Small  
Nina Venkatragam  

Psychiatry  
Family & Community Medicine

* New Appointment  
** New Promotion
ADMINISTRATIVE STAFF

Business Officer  Tina Xue

Department Assistant  Cherryl Bird
Undergraduate Program Coordinator  Jeannette Moniz

Residency Program Coordinator  Caroline Sutherland
Fellowship Programs Coordinator  Joseph George
RESIDENTS

POSTGRADUATE YEAR 1
Tamara Abraham  Karen Levy  Evan Tannenbaum
Maria Cusimano  Katherine McLean  Marina Vainder
Darl Edwards  Tumushabe Mutungi  Melissa Walker
Brittany Hoover  Neetika Sidana

POSTGRADUATE YEAR 2
Sophie Bussiere-Cote  Lauren Jain  Cherie Lynne Nicholson
Laura Cancelliere  Marian Leung
Kristin Harris  Sonali Lokuge
Lesley Hawkins  Amanda Michael
John Ibrahim  Andra Nica

POSTGRADUATE YEAR 3
Nasser Abu Awad  Mathew Leonardi  Aparna Sarangapani
Marie Coroneos  Carmen McCaffrey  Lynn Sterling
Lara Gotha  Chaula Mehta  Marta Wais
Lacey Harding  Julie Nguyen  Jellena Wongw
Ingrid Lai  Kirsten Niles

POSTGRADUATE YEAR 4
Emily Baker  Rebecca Menzies  John Snelgrove
Jessica Green  Rebecca Rich*  Liane Tan
David Gurau  Michael Secter  Julie Thorne
Ummi Habiba  Alison Shea
Adrienne Li  Andrea Simpson

POSTGRADUATE YEAR 5
Kimberly Bremer  Genevieve Lennox  Stephen Morris
Amanda Cipolla  Brian Liu  Muhseen Yusuf
Paulina Cybul ska*  Karli Mayo
Courtney Jolliiffe  Heather Millar

*Clinician Investigator Program
CLINICAL FELLOWS

PROGRAM AND DIRECTOR

**Advanced Obstetrics**  
Wendy Whittle, MSH

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

**Gynaecologic Endoscopy**  
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  
Shada Al-Hawash  
Sunita Garg  
Stefania Ronzoni

Dini Hui, SHSC  
Raina Okby

Advanced High-Risk Obstetrics  
Nirmala Chandrasekaran  
Gali Pariente  
Yaniv Zipori

Gynaecologic Endoscopy  
Priya Sharma

Gynaecologic Oncology (RCPSC)*  
Genevieve Bouchard Fortier  
Harry Brar  
Liat Hogen  
Ruaidhri Mcvey  
Kate Pulman

Barry Rosen, PMH  
Anita Chitaley

Gynaecologic Reproductive Endocrinology and Infertility (RCPSC)*  
Crystal Chan  
Jason Elliott  
Shannon Moore  
Nichole Patterson

Kimberly Liu, MSH (effective July 1st, 2015)

Maternal-Fetal Medicine (RCPSC)*  
Nimrah Abbasi  
Nada Alayed  
Hanan Al-Sehli  
Hythem Alsum  
Rasheeda Al Tourshi  
Julia Kfouri  
Lawrence Koby  
Elad Mei-Dan  
Anne Morency  
Christopher Nash  
Mark Osmond  
Yair Sagi  
Karen Wou

Mature Women’s Health and Menopause  
Michelle Jacobson  
Kelsey Mills
CLINICAL FELLOWS

PROGRAM AND DIRECTOR

Minimally Invasive Gynaecological Surgery
Guylaine Lefèbvre, SMH
Deborah Robertson, SMH (effective July 1st, 2015)

Helena Frecker
Lindsay Sherriff
Aisha Yousuf

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

Paediatric and Adolescent Gynaecology
Sari Kives, SK
Ian Comeau

Perinatal
Cynthia Maxwell, MSH
Robin Thurman

Reproductive Sciences
Robert Casper, TCART
Anat Herscu-Klement

Reproductive Sciences and Infertility
Clifford Librach, CReAtE Fertility Centre
Itai Gat
Tal Lazer
Ekaterina Shlush

Urogynaecologic and Reproductive Pelvic Surgery
Danny Lovatsis, MSH
Ashraf Dawood
Susan Jia
Yvonne Leong
Andrea Santiago
Salomon Zebede-Dejmal

Urogynaecology
Patricia Lee, SHSC
Petrus Kruger

* Royal College of Physicians and Surgeons of Canada accreditied
**American Association of Gynaecologic Laparoscopists
COMMITTEES

Executive Committee

John Kingdom Chair, Executive and Fiscal Advisory Committees
Lisa Allen Head, Division of Paediatric and Adolescent Gynaecology Site Chief, Women’s College Hospital
Adrian Brown Community Affiliate Hospital Representative Chief, North York General Hospital
Ted Brown Head, Division of Reproductive Endocrinology & Infertility Chair, Research Committee
Dan Farine Chair, Promotions & Awards Committee
Michael Geary Chief, St. Michael’s Hospital
Guylaine Lefèbvre (term ended June, 2015) Associate Chair, Department of Obstetrics and Gynaecology
Stephan Lye Vice-Chair, Research
Nanette Okun Head, Division of Maternal-Fetal Medicine
Filomena Meffe Director Faculty Development
Barry Rosen (term ended June, 2015) Head, Division of Gynaecologic Oncology
Rajiv Shah Chair, Undergraduate Medical Education Committee
Gareth Seaward Director of Quality Improvement and Patient Safety (QIPS)
Mathew Sermer Chief, Mount Sinai Hospital/ University Health Network/ Women’s College Hospital
Heather Shapiro Vice-Chair, Education
Rachel Spitzer Vice-Chair, Global Women’s Health
Donna Steele Chair, Residency Program Committee
Rory Windrim Director, Continuing Professional Development & Knowledge Translation
Mark Yudin Chair, Clinical Research Committee
Arthur Zaltz Chief, Sunnybrook Health Sciences Centre Chair, Department Appointments Committee
## COMMITTEES

### Clinical Research Committee
- Mark Yudin, *Chair*
- Jon Barrett
- Crystal Chan
- Sarah Ferguson
- Noor Ladhani
- Colleen McDermott
- Kellie Murphy

### Fellowships Directors Committee
- Heather Shapiro, *Chair*
- Ally Murji
- Howard Berger
- Robert Casper
- Allan Covens
- Barbara Cruickshank*
- Harold Drutz
- Dini Hui

### Fiscal Advisory Committee
- John Kingdom, *Chair*
- Guylaine Lefèbvre*
- Barry Rosen*
- Mathew Sermer

### Department Appointments Committee (DAC)
- Arthur Zaltz, *Chair*
- Lisa Allen
- Adrian Brown
- Ted Brown

### Combined Continuing Professional Development/Faculty Development (CPD/FD) Committee
- Filomena Meffe, *Co-Chair*
- Rory Windrim, *Co-Chair*
- Janet Bodley
- Adrian Brown
- Nicolette Caccia
- Barry Rosen*

### Competency Based Medical Education (CBME) Committee
- Heather Shapiro, *Chair*
- Janet Bodley
- Nicolette Caccia

*term ended June, 2015*
# COMMITTEES

## Promotions & Awards Committee
- Dan Farine, *Chair*
- Lisa Allen
- Ted Brown
- Allan Covens
- Sarah Ferguson
- Guylaine Lefèbvre*
- Filomena Meffe
- Richard Pittini
- Gareth Seaward*
- Mathew Sermer
- Rory Windrim
- Arthur Zaltz

## Quality Improvement and Patient Safety (QIPS) Committee
- Gareth Seaward, *Chair*
- Hani Akoury
- Lisa Allen
- Jon Barrett
- Adrian Brown
- Stacy Costa
- Jennifer Cram
- Ademri Ejiwumni
- Guylaine Lefèbvre*
- Michael Geary
- Elaine Herer
- Julie Nguyen (PGY3)
- Leslie Po
- Nathan Roth

## Research Committee
- Ted Brown, *Chair*
- May Alarab
- Isabella Caniggia
- Robert Casper
- Crystal Chan
- Kristin Connor
- Allan Covens
- Rohan D’Souza
- Sarah Ferguson
- Sari Kives
- Noor Ladhani
- Clifford Librach
- Stephen Lye, *Vice-Chair*
- Stephen Matthews
- Kellie Murphy
- Alison Shea (PGY4)
- John Snelgrove (PGY4)
- Donna Steele (Ex-Officio)
- Mark Yudin

## Residency Program Committee
- Donna Steele, *Chair*
- Clarissa Bambo
- Janet Bodley
- Aleksandar Corbey
- Michele Farrugia
- Lilian Gien
- Dini Hui
- Sari Kives
- Abheha Satkunaratnam
- Heather Shapiro
- Dana Soroka
- Mark Yudin
- Lynne Zolis
- Darl Edwards (PGY1)
- Sophie Bussiere-Cote (PGY2)
- Lacey Harding (PGY3)
- Michael Secter (PGY4)
- Amanda Cipolla (PGY5)

## Undergraduate Education Committee
- Rajiv Shah, *Chair*
- Ari Baratz
- Dalip Bhangu
- Christine Edwards (CC3)
- Tatiana Freire-Lizama
- Arpita Gantayet (CC3)
- Dini Hui
- Sybil Judah
- Sabrina Lee
- Mathew Leonardi (PGY3)
- Haidar Mahmoud
- Roberta MacKenzie
- Filomena Meffe
- Elizabeth Miazga (CC4)
- Matthew Morton*
- Richard Pittini
- Rebecca Rich (PGY4)
- Heather Shapiro
- Mara Sobel
- Dana Soroka
- Lynn Sterling (PGY3)
- Brenna Swift (CC4)
- Scott Tigert

*term ended June, 2015*
# HOSPITAL STATISTICS

**July 1, 2014 to June 30, 2015**

<table>
<thead>
<tr>
<th></th>
<th>SMH</th>
<th>MSH/UHN</th>
<th>SHSC</th>
<th>TEGH</th>
<th>SK</th>
<th>NYGH</th>
<th>SJHC</th>
<th>THP</th>
<th>WCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Deliveries</strong></td>
<td>2,686</td>
<td>6,745</td>
<td>4,053</td>
<td>2,954</td>
<td>NA</td>
<td>5,656</td>
<td>3,316</td>
<td>8,586</td>
<td>0</td>
</tr>
<tr>
<td><strong>Caesarean-Section Rate</strong></td>
<td>26.47%</td>
<td>33%</td>
<td>35%</td>
<td>27.31%</td>
<td>NA</td>
<td>29%</td>
<td>31.9%</td>
<td>25.9%</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Total Gynaecology Procedures (major and minor)</strong></td>
<td>1,426</td>
<td>3,517</td>
<td>6,811</td>
<td>1,740</td>
<td>128</td>
<td>3,260</td>
<td>1,379</td>
<td>7,606</td>
<td>1,372</td>
</tr>
<tr>
<td><strong>Clinic Visits (excluding private office visits)</strong></td>
<td>53,999</td>
<td>76,657</td>
<td>16,138</td>
<td>11,972</td>
<td>2,276</td>
<td>23,893</td>
<td>10,653</td>
<td>3,285</td>
<td>6,186</td>
</tr>
<tr>
<td><strong>Number of Obstetrics Beds</strong></td>
<td>22¹</td>
<td>68</td>
<td>26</td>
<td>32</td>
<td>NA</td>
<td>53</td>
<td>42</td>
<td>87²</td>
<td>0</td>
</tr>
<tr>
<td><strong>Number of Gynaecology Beds</strong></td>
<td>9</td>
<td>20</td>
<td>2</td>
<td>59²</td>
<td>0</td>
<td>39²</td>
<td>64²</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

---

**SMH** – St. Michael's Hospital  
**MSH/UHN** – Mount Sinai Hospital/University Health Network  
**SHSC** – Sunnybrook Health Sciences Centre  
**TEGH** – Toronto East General Hospital  
**SK** – SickKids  
**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

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1 - Does not include an additional 10 Labour, Delivery, Recovery and Post Partum (LDRP) beds  
2 - Shared with other surgical specialties  
3 - 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  
4 - Includes 27 birthing suites
Division Reports
The Division of Core Obstetrics and Gynaecology is the largest division within the Department of Obstetrics and Gynaecology 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 evidence-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, and Director and the Vice Chair of the Examination Board at the RCPSC. Many other members serve on the Examination Board of the RCPSC as well.

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 Gynaecology 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 Gynaecology 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
In the 2014-2015 academic year, the UofT Division of Gyn Oncology continued to provide secondary and tertiary clinical services, and pursue its teaching and research activities among multiple centres including UHN, Sunnybrook and Peel Regional Cancer Centre/Credit Valley Hospital. Five surgical faculty members are located at Sunnybrook Health Sciences Centre, six at University Health Network (Dr. Dodge on secondment at RVH in Barrie) and two at Peel Regional Cancer Centre/Trillium Health Partners. Many cross appointees whose primary appointments are in an affiliated discipline and with whom there are close collaborations such as Medical Oncology, Pathology, Radiation Oncology, Basic Sciences, etc., are distributed among those sites and are integral to the Division. A robust multi-disciplinary integrated model of care and of academic inquiry is made possible by those collaborative relationships.

The fellowship program, the only 3-year program in Canada, which mandates an academic year of training as well as 2 clinical years, continues to attract excellent Canadian and international applicants with a long tradition of successful careers. Dr. Ruaidhri McVey completed his training this year and will return to Belfast to complete his qualifications for Ireland. His academic focus has been scholarship in education. The fellowship program underwent a very successful Internal Review with many strengths and no significant deficiencies identified.

Mount Sinai Hospital is fully integrated with UHN/PMCC for the delivery of gyn oncology services and the pre-invasive program was re-located to the Women’s College Hospital in September, 2014. At Sunnybrook and Trillium all services are provided at their respective sites. It is expected that Mount Sinai and Trillium will each be allocated one additional Gyn Onc position in the new APP contract, which is imminent.

Highlights of this year include the promotion of Dr. Marcus Bernardini to Associate Professor. He has also had tremendous success in leading the Prevent Ovarian Cancer Program, which was launched on May 8, World Ovarian Cancer Day. He was elected to a governance role in the newly re-structured provincial APP. Dr. Sarah Ferguson continues to develop infrastructure and to provide strong leadership in the UHN/PMCC Gyn Onc Research Program. This program is strongly supported by the PMHF. She also continues to achieve great success in her own research activities, including survivorship, innovative treatment & technologies and cancer genetics. Dr. Taymaa May is now Director of the UHN Biorepository and continues her research interest primarily in molecular determinants of ovarian cancer. Dr. Stephane Laframboise continues as site lead for the Fellowship program and also continues to provide strong leadership as PMCC Gyn Site Group Chief, including the re-design of ambulatory care. Dr. Joan Murphy led the re-location of the Pre-invasive program to Women’s College Hospital, including the transition of our e-cancer colposcopy database and took on the role of interim Chief and Regional Lead for Gyn Oncology at Trillium Health Partners and Peel Regional Cancer Centre. She continues to lead the development of cervical cancer screening and colposcopy at Cancer Care Ontario.

At Sunnybrook, Dr. Covens continues to lead our highly rated Fellowship Program and in clinical trials leadership roles with GOG. He also became one of the three members elected to a governance role in the provincial APP. Dr. Rachel Kupets continues as Scientific Lead for the Ontario Cervical Screening Program, a role which complements her research interests and to which her skill sets are very valuable. Dr. Lillian Gien continues in her GOG role and also as PI for a phase 2 sub-protocol study, which is part of a $30 Million NCI study. She received the Chair’s Award for Outstanding Research Potential, Best Poster Award at The Society of Gyn Oncology of Canada annual meeting and supervised the project that received the Best Resident Research Award at the Department’s Annual Research Day. Dr. Danielle Vicus, who joined the Sunnybrook group as a full time member in 2012, has re-developed and leads the very successful Fellowship didactic curriculum, has secured a $150,000 grant to study AIN and received the Dorothy Borsook Award for “promising work in Ob/Gyn.” Dr. Osborne received the Bi-Annual gold medal from the International Society for the Study of Trophoblastic Disease
for “outstanding contribution to the study of trophoblastic tumors” and the Best Plenary abstract in March at the Society of Gyn Oncology meeting in Tampa, Florida.

Dr. Feigenberg continues his molecular research in ovarian cancer, in collaboration with Dr. Ted Brown at Lunenfeld Research Institute. Dr. Nahas has indicated her intention to leave THP for an opportunity in the US. Her advanced surgical skills and surgical teaching will be missed.

Dr. Rosen, University Division Head and UHN Chief, after many years of local, national and international leadership, departed UofT in May, 2015 for a leadership opportunity at the Beaumont Hospital Group, Detroit, Michigan. He will be missed at many levels though he leaves a strong legacy of clinical, research, education and global health leadership, for which we are grateful and of which he can be proud.

In the coming year, search committees will be struck to fill Dr. Rosen’s roles as UHN and University Division Chief. Dr. Covens will step down as Director of the Fellowship program and his successor will be sought. New staff will be recruited to fill three faculty positions at UHN. The Trillium Health Partners program will be stabilized with the recruitment of two new faculty members and the strengthening of clinical, academic and educational objectives. Clinical pressures at all sites include meeting CCO wait times for clinical care and for volumes of funded cases, which must be balanced with achieving and maintaining teaching excellence for fellows, post-graduates, and undergraduates across sites and continuing the strong research productivity of the Division. Recruitments will be tailored to address these priorities.
DIVISION OF MATERNAL-FETAL MEDICINE
Nanette Okun, Division Head

Honours:
Chair’s Award for Excellence in Postgraduate Teaching: Wendy Whittle
Chair’s Award for Excellence in Continuing Medical Education Teaching: Johannes Keunen
Chair’s Award for Excellence in Undergraduate Teaching: Tatiana Freire-Lizama

Introduction:
Our division encompasses three fully-affiliated hospitals, with members from 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:
We continue to work within the departmental strategic plan of “connecting and collaborating” as academic centres, and partnering and networking with affiliated community sites. The GTA-OBS network, under the direction of Dr. Jon Barrett, has several GTA-wide research projects launched and more planned. In addition, the network has begun work on standardizing approaches to some of the most serious problems in obstetrics, such as shoulder dystocia, placenta accreta and the shortened cervix.

The MFM division continues to be highly productive in research across all hospital sites, as can be seen in the publications section of the report. Both faculty and fellows continue in their outstanding achievements with presentations at national and international meetings for obstetrical ultrasound, prenatal diagnosis, fetal and maternal medicine. Many of our presentations have received awards at these meetings.

The MFM fellowship continues to flourish, remaining highly sought after by excellent candidates from within Ontario, the rest of Canada and abroad. The program has broadened to include rotations at all three fully-affiliated hospital sites. In addition Sunnybrook Health Sciences Centre and St. Michael’s Hospital continue with successful and competitive one-year fellowships at their sites.

The fetal therapy program continues to thrive and recently performed its 500th procedure for laser ablation for twin-twin transfusion syndrome in monochorionic twins. We have created two new “hybrid” job descriptions to recruit MFM clinician investigators to primary clinical appointments at North York General Hospital and Trillium Health partners, but with joint appointments in the MFM divisions of Sunnybrook Health Sciences Centre and Mount Sinai Hospital, respectively. This will grow our academic division into a comprehensive network across the GTA region.
Future Initiatives:

The new CIHR clinician investigator award scheme for clinician-investigators in Maternal Fetal Medicine and Obstetrics offers exciting opportunities for faculty members in the upcoming year.

We will have two to three MFM positions filled at Trillium Health Partners and North York General Hospital and will continue to create academic MFM faculty positions as partnerships between fully-affiliated and community-affiliated hospitals across UofT, building on the successful models created with North York General Hospital and Trillium Health Partners.
**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.

The Vision of the Division after strategic planning was to continue our leadership in advancing the gynaecologic care and treatment of 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.

Our Division maintains a diverse practice in common conditions and rare challenges, providing over 2500 ambulatory visits annually, and attracting 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, participates in a transitional program for young women. Young women at the age of 17 are transitioned to the new Young Women’s Gynaecology Program for the reproductive health care of women aged 17 to 25 at Women’s College Hospital, under the direction of Dr. Yolanda Kirkham.

**Highlights:**

Regarding our strategic goal of advocacy, our division has first looked internally with initiatives to provide enhanced access to care within our institution in PAG to specialized populations. To enhance access to contraception for young women with medical co-morbidities, the division has increased our complex contraception program, by adding a clinic within hematology, bringing our team right to the patient. Young women with cloacal anomalies often have reproductive health concerns that become more pressing at puberty. Gynaecology is partnering with pediatric urology and pediatric surgery to launch a combined program, providing collaborative care to this patient population.

Our second goal is in PAG education. We are committed to our mandate to enhance the gynaecologic care of children and adolescents through education and research. Our fellowship program attracts strong applicants from Canada, North America as well as Internationally. We participate with other fellowship programs in Canada and the United States in the North American Pediatric Gynaecology Fellowship match.

This year, the division of PAG was one of the pilot areas for the initiative on Competency Based Education in Obstetrics and Gynaecology, under the direction of Dr. Nicolette Caccia.

Continuing medical education is a strength of our division. Four years ago, PAG introduced the Carol Cowell Lectureship in Paediatric Gynaecology at the University of Toronto. This year, the division invited Dr. Lies Quint, Professor of Obstetrics and Gynaecology, University of Michigan, to speak on the management of young women with developmental disabilities.
We continue to lead in PAG with the provincial, national and international presence of our members: Dr. Allen is the President of the North American Society of Pediatric and Adolescent Gynaecology, Dr. Kives is a member of the Abstract Committee and Assistant Chair of the Annual Clinic and Research Meeting Planning Committee for the organization. Dr. Allen continues as Co-Chair of CANPAGO and Dr. Spitzer is the Ontario representative. Dr. Aggarwal is a member of the Social and Sexual Issues Committee. Dr. Kives is Co-Chair of the International Women’s Health Committee of the SOGC, and Dr. Aggarwal is a member. Dr. Allen continues as a member of the subspecialty committee of APOG. Dr. Allen is also a liaison to the American College of Obstetricians and Gynaecologist’s Adolescent Health Committee.

**Future Initiatives:**

The Young Mothers Program plans to introduce a passport program to the multidisciplinary antenatal care already being provided, with the intent of increasing adherence to visits and therapy as well as group care for the adolescent pregnant population.

Dr. Sari Kives is the Program Chair for the upcoming North American Society of Pediatric and Adolescent Gynaecology Annual Clinical and Research Meeting, which will be held in Toronto in April of 2016. Hosting this meeting in Toronto will bring international expertise in PAG to the local and national community.
Introduction:

The 26-member REI Division is comprised of a diverse array of subspecialty-trained clinicians, clinician-scientists, and translational/basic scientists whose education and/or research activities focus on female reproductive endocrinology or fertility. We are one of the largest REI Divisions in North America and our members operate four independent fertility clinics offering a full range of diagnostic services, with three having on-site state-of-the-art embryology and andrology laboratories. A Mature Women’s Health & Menopause Clinic and a unique multidisciplinary primary ovarian insufficiency clinic are run at Mount Sinai Hospital by Dr. Wendy Wolfman. In addition to providing focused care, these clinics provide training in REI for Medical Students, Residents, and Fellows. The Division offers RCPSC-accredited GREI fellowship training at the Centre for Fertility and Reproductive Health (at Mount Sinai Hospital) and non-accredited REI Fellowship Programs at CReATe and TCART (which is now part of Trio). We also offer a two-year non-accredited fellowship in mature women’s health.

Highlights:

The Division welcomed two new members: Dr. Dan Nayot who is based at TCART and completed his subspecialty training at McGill University and his MSc degree in Clinical Epidemiology at Harvard University; and Dr. Claire Jones who is based at the CFRH at Mount Sinai Services and completed her subspecialty training with us. Dr. Barb Cruickshank stepped down as director of the RCPSC-accredited GREI fellowship, after having provided exemplary leadership in the role for six years. Dr. Kim Liu assumes this position as of July, 2015. Dr. Rebecca Arthur completed the certificate course in Quality Improvement and Patient Safety (QIPS) offered by the Department of Medicine. She is now enrolled in the QIPS MSc program offered by the Institute of Health Policy, Management and Evaluation at the University of Toronto, which will position her to offer leadership in REI in this important area.

The province announced that beginning in December of 2015, public funding of IVF will be expanded beyond the present restriction to women with blocked fallopian tubes. The funding will include one IVF cycle per eligible patient. Dr. Ellen Greenblatt has and continues to play a major role in helping to shape provincial policy in this area. She chaired the Ministry of Health and Long Term Care (MOHLTC) Advisory Process for Infertility Services committee, which tabled an extensive key recommendations report in June. This expert panel also included Division members, Drs. Carl Laskin and Matt Gysler. Dr. Greenblatt will co-chair the Fertility Program Implementation Committee along with a MOHLTC staff member to advise the Ministry on program implementation.
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. Progress continues in the development of a Professional Masters in Health Science Program in Advanced Reproductive Technology. In the coming year, we hope to launch a GTA-wide REI group that can serve as a local platform to foster collaborative research, profession and patient advocacy, and educational initiatives.
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/University Health Network (MSH/UHN) with a branch at Baycrest Geriatric Centre (BCG) offers a three year postgraduate fellowship training program with two clinical years of training and one year of basic science and clinical research training. St. Michael’s Hospital (SMH) and Sunnybrook Health Sciences Centre (SHSC) both offer two year fellowship training programs.

Faculty members at MSH/UHN are Drs. Harold P. Drutz (MSH, BGC) (Division Head), Danny Lovatsis (MSH, WCH), May Alarab (MSH, BCG) and William Easton and Phaedra Diamond (Associate Staff at Scarborough Centenary Hospital). Dr. May Alarab heads the Basic Science Research Program collaboratively with Oksana Shynlova (Phd Basic Science Researcher). At SMH, there are two trained specialists in FPMRS, Drs. Colleen McDermott, (Division Head) and Dana Soroka. Drs. Sari Kives, Abheha Sarkunaratanan, Deborah Robertson and Eliane Shore are subspecialists in Minimally Invasive Gynaecologic Surgery (MIGS). A SHSC, Dr. Patricia Lee is Division Head, and Drs. Janet Bodley and Rose Kung are full time FPMRS faculty, and part of a group of eight MIGS surgeons, including Drs. Kay Lie, Grace Liu, Herb Wong, Jamie Kroft, and Mary Mechlor, who is based at St. Joseph’s Health Centre (SJHC).

<table>
<thead>
<tr>
<th></th>
<th>Publications (Papers and Abstracts)</th>
<th>Presentations (Local, National, International)</th>
<th>Grants</th>
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<tr>
<td>SMH</td>
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<td>8</td>
<td>n/a</td>
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Future Endeavors:

» SHSC: expands their multi-disciplinary clinic for the treatment of complex endometriosis
» SHSC: continues to establish the Virtual Reality Simulator Program for Laproscopic surgery
» SHSC: MIGS group continues to teach and promote Laproscopic Hysterectomy techniques across Canada.
» Colleen McDermott (SMH) Co-ordinates Inter-city Urogynaecology rounds where residents on service present topics via teleconference to 3 academic sites. We are trying to expand this to include all affiliated community based sites.
Introduction:

The Undergraduate Medical Education Committee is committed to ensuring excellence in the teaching and training of our medical students by offering a diverse experience in the clerkship. The Committee meets five times a year to discuss issues affecting undergraduate education, 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:

» St. Joseph’s Health Centre and Toronto East General Hospital completed their first year of a full 6 week block Clerkship. The programs have been well received by the students and we would like to thank the Faculty for their help in making this successful.

» Scarborough Birchmount will offer a 3 week sub-rotation to Fitzgerald Academy 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 completed the longitudinal integrated clerkship program (LInC) at the Fitzgerald Academy with great success. This year Peters-Boyd and Wightman-Berris Academies will be joining the LInC program to offer students a longitudinal experience at their sites. We thank all who have been involved as it was a tremendous endeavour that required a lot of work and dedication.

» Two Kenyan medical students, Austin Ouma and Frank Mutai, did an Obstetrics and Gynaecology elective with our faculty at Mount Sinai Hospital, St. Michael’s Hospital and Sunnybrook Health Sciences Centre from August 13 to September 27, 2014. They found their experience extremely rewarding, both, from an educational and personal perspective.

Future Initiatives:

We are working towards developing a clerkship program at William Osler Health Centre (Etobicoke and Brampton sites) over the next year, while we continue to support Scarborough Birchmount in rolling out their clerkship program. We are also finalizing an on-line teaching module for second year medical students (OB HUB). Lastly, we continue to work with the Vice-Chair of Education to follow the goals set out in our recent strategic plan.
Introduction:

In 2014-15, our 63 residents trained at nine clinical sites affiliated with our Residency Program. The Residency Program Committee (comprised of faculty site- and rotation-coordinators, and resident representation for each PG 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, 2014. We congratulate the 10 PGY5s who successfully completed the Royal College exams in May, 2015, and wish them all the best in their future endeavours.

Highlights:

Our program is the first residency program at the University of Toronto to engage in the LEAD (Leadership Education and Development) Program. In 2014-15, the topics were Quality Improvement, Interpersonal Management, and Conflict Resolution. For 2015-16, the plan is to expand Quality Improvement in the areas of informatics and resource stewardship.

Our Residency Program started the CBME pilot in REI/PAG and MFM rotations in July, 2014. By the end of the first six months (Dec, 2014), there was strong informal feedback that the assessment tools needed to be electronically based. Nicolette Caccia developed this platform, and is currently developing electronic tools to track assessment behaviours and resident exposure to Specialty Training Requirements (STRs). The pilot was expanded to include Urogynaecology at St. Michael’s Hospital, with more rotation-specific assessments that began in January, 2015. The next rotation to pilot CBME will be Ultrasound. Rubric-based assessment tools are in development for the Ultrasound rotations for a planned rollout in October, 2015. A Department retreat (June 19, 2015) facilitated faculty development and engagement in the advancement of CBME. The Royal College “Competence by Design” rollout for Obstetrics and Gynaecology, nationally, is scheduled for 2017. The results of the focus groups conducted in January, 2015 revealed support for CBME, support for focussing on assessment, and a perceived need for significant faculty development and leadership to move the project forward.

We initiated End-of-Rotation (EOR) exams in MFM, REI/PAG, GynaeOnc and Urogynaecology on July 1, 2014. Lynn Sterling and Kelsey Mills, as part of their Masters Program, conducted a national survey on EOR exams. The results from our residents clearly indicate that these exams are beneficial and, so, will be continued.

The Program initiated Research Proposal Sessions under the guidance of Dr. Mark Yudin, Director of Clinical Research. These sessions provide an opportunity for Residents to present their research idea; and at an early stage, receive feedback, and ensure that the projects are doable.

Honours:

Excellence in Undergraduate Teaching Awards:
PGY3: Carmen McCaffrey
PGY4: Andrea Simpson
PGY5: Amanda Cipolla
AAGL: Steve Morris

2015 PARO Trust Fund Resident Teaching Award: Heather Millar

Dr. Frederick R Papsin Postgraduate Award: Amanda Cipolla and Heather Millar

CREOG National Faculty Award for Excellence in Resident Education: Matthew Morton

The Neelam Sierra Resident Advocacy Award: Deborah Robertson

GOC/APOG Most innovative and unique project: “InSpeculum: Art night for Cervical Cancer Awareness” Mathew Leonardi and Rebecca Rich.
Future Initiatives:

As of July, 2015, our program becomes part of the Royal College Surgical Foundations (SF) two-year program along with all surgical programs. This will involve significant changes in our residency training program. Our PGY1s will attend a two-week Surgical Prep Camp along with all UofT surgical PGY1 residents. This will provide an excellent start to the acquisition of surgical principles and skills. During this two-year SF program, our residents are allowed only 18 blocks out of 26 in their home specialty. The PGY2 year will be Core Ob/Gyn for the entire year. For our PGY1s to meet the SF requirements, we developed three new rotations to be implemented in 2015-16: Anesthesia, Psychiatry: Perinatal Mental Health and Addiction / Life Changes, and Pain Management (Wasser Clinic).

Dr. Helena Frecker will be conducting a pre-post quality improvement intervention study in 2015-16 that will address the unique challenges of Ob/Gyn handovers. Helena’s structured tool for residents to use during both obstetrics and gynaecology handovers is similar to one previously validated in pediatrics and shown to reduce medical errors and preventable adverse events.

We will be rolling out a Daily Electronic Evaluation Form (DEEF) in order to obtain more regular, meaningful feedback for our residents and identify residents in difficulty in a more timely manner. The feedback obtained will lead to more robust ITERs.

Our Residency Program will undergo an Internal Review on April 13, 2016.
During this academic year, we welcomed almost as many post residency trainees as we did residents, with over 45 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 urogynaecology, advanced obstetrical training and menopause. This urogynaecology training, also known as FPMRS, (female pelvic medicine and reproductive surgery) is actively investigating the option of receiving RCPSC certification as a focused area of competence.

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. Fellowship seminars continued to be well received and our city wide Critical Appraisal course, in particular, is seen as a real highlight. We continue to highlight the non medical expert CanMEDS roles in these series. QuIPS was the focus in 2014-2015.

The fellowship evaluation process, both of trainees and rotations continues to improve, with more robust and frequent evaluations. We have also streamlined the application process and moved much onto our website, which should lessen the administrative load.

There have been some changes in leadership: Dr. Kimberly Liu will replace Dr. Barbara Cruickshank as Program Director for GREI, and Dr. Wendy Whittle replaces Dr. Gareth Seaward for the Advanced Obstetrics fellowship.

The Fellowship programs contribute a large part to this department’s strong and growing international reputation. We are proud to maintain the high standard that we have for all our trainees.
Our continuing professional development group: Drs. Filomena Meffe, Adrian Brown, Richard Pittini, Nicolette Caccia and Rory Windrim had a great year in 2014-15. Approximately 3128 learners attended our CPD events - a significant number of participants when compared to other educational activities, such as the SOGC Annual national meeting, which attracts an average of 750 attendees. Each course was tailored to the needs of attendees and employed a variety of educational tools including didactic presentations, standardized patients, hands-on ultrasound, workshops and high-fidelity simulation. Our 12 established courses were added to by a new course in Minimally Invasive Gynaecology. This University of Toronto accredited meeting emphasized hands-on simulation-based learning and was tremendously successful - we congratulate Drs. Jamie Kroft and Grace Liu for their first course direction.

Members of our Department, once again, represented the University in invited roles at provincial, national and international CPD events. Notable among these activities was the involvement of our Department in the first comprehensive International Fetal Therapy Course, presented in Washington, D.C. This course used fetal and maternal simulators that were designed and created by our Department, in collaboration with the sculpture Department at OCAD University. These simulators have now been purchased and used for teaching fetal therapy in centres worldwide.

In addition to weekly Grand Rounds in all of the academic sites and monthly Interhospital Rounds presented in all the distributed sites, the MOREOB Interprofessional CPD Program was active at all centres in the GTA.

2014 also saw the incorporation of the Moodle platform for the presentation of CPD events. This dedicated Departmental education website was used to present most of our courses in 2015. We plan to discontinue traditional hard copy syllabi and move to a fully online profile in 2016.

In the sphere of global CPD, 2015 saw the first graduations from the Gynaecologic Oncology Fellowship program at Moi University, Eldoret, Kenya. This program was developed and maintained on-site, under the leadership of Dr. Barry Rosen from Princess Margaret Hospital. Led by Dr. Rachel Spitzer, we have begun an interactive telehealth Rounds CPD program with Moi. An onsite Maternal-Fetal Medicine Division Fellowship program in Eldoret, Kenya, is also in development by Dr. Nan Okun.

There were many scholarship activities in 2014-15. Two of our courses were nominated for Interprofessional and Colin Woof awards, and Dr. Dan Farine won our Departmental award for his Medico-legal Obstetrics CPD Day. With regard to research, we have initially focused on developing tools required for teaching practitioners, both individually and as teams.

Planning goals for 2015/16 are to continue to try to improve in all of our current activities; to increase our online course development and to collaborate with our new Departmental leadership in QI to examine new directions for the provision and effectiveness assessment of CPD in Obstetrics and Gynaecology.
<table>
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<tr>
<th>Date</th>
<th>Presenter/Topic</th>
<th>Location</th>
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| September 19, 2014 | Dr. Charles Koh  
*Total laparoscopic hysterectomy: from simple to complex* | Sunnybrook Health Sciences Centre                             |
| October 10, 2014   | 1st Annual Genesis Lecture in Women’s Health  
Dr. Mitchell Rosen  
*Ovarian stimulation in patients with a cancer diagnosis* | St. Michael’s Hospital                                         |
| November 7, 2014   | Dr. Jonathan Morris  
*Pregnancy and Birth* | Sunnybrook Health Sciences Centre                             |
| November 21, 2014  | Dr. Neil Sebire  
*The minimally invasive autopsy*  
Part of 2014 Fetal Medicine Update presented by MSH and UofT OBGYN | Mount Sinai Hospital                                          |
| December 5, 2014   | Dr. Stephen Matthews  
Cannell Lecture at APOG Conference  
*Fetal experience programs life-long health* | Marriot Hotel Eaton Centre, Toronto                           |
| January 9, 2015    | Dr. Wendy Wolfman  
Carol Cowell Lectureship in Paediatric Adolescents with special needs: challenges and controversies | Mount Sinai Hospital                                          |
| February 13, 2015  | Dr. Wendy Wolfman  
*Art and science of menopause* | St. Michael's Hospital                                        |
| March 6, 2015      | Global Women’s Health Lecture  
Dr. Philip Berger  
*Advocacy in Health Care: Documents and Demonstrations* | Mount Sinai Hospital                                          |
| April 17, 2015     | Drs. Mary Higgins, Andrea Simpson, David Gurau, John Snelgrove, Michael Secter  
*Learning from experience: a novel approach to teaching the nuances of forceps and vaginal breech deliveries* | St. Michael's Hospital                                        |
| May 8, 2015        | Henderson Lecture  
Dr. Hamish Wallace  
*Preservation of fertility in oncology patients* | St. Michael's College, University of Toronto (part of Research Day) |
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<th>Number of Participants</th>
<th>Course Design/ Components</th>
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<td>Dr. Kellie Murphy</td>
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<td>Didactic. Small group.</td>
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<td>Minimally Invasive Gynaecologic Surgery Course</td>
<td>September 20-21, 2014</td>
<td>Dr. Jamie Kroft and Dr. Grace Liu</td>
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<td>Didactic and simulation based course Invited guest Faculty speaker</td>
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<td>Everyday Gynaecology Arcadian Court</td>
<td>November 7, 2014</td>
<td>Dr. Jackie Thomas</td>
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<td>8 Lectures Difficult Cases One Guest Faculty</td>
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<td>Family Planning Update Sadowski Auditorium</td>
<td>November 8, 2014</td>
<td>Dr. Michele Farrugia</td>
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<td>8 Lectures Difficult Cases All local faculty</td>
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<td>November 11, 2014</td>
<td>Dr. Filomena Meffe</td>
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<td>Didactic lectures &amp; Workshops</td>
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<td>Fetal Medicine Update Sadowski Auditorium</td>
<td>November 21 – November 22, 2014</td>
<td>Dr. Greg Ryan, Dr. Rory Windrim and Dr. John Kingdom</td>
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<td>26 Lectures Live Scanning Three Guest Faculty</td>
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<td>Obstetrical Malpractice: A Survival Guide for 2014</td>
<td>January 17, 2015</td>
<td>Dr. Dan Farine</td>
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<td>St. Michael’s 6th Annual Women’s Health Symposium</td>
<td>February 6, 2015</td>
<td>Dr. Deborah Robertson</td>
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<td>10 Topics 3 learning cases Local faculty</td>
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<td>Obstetric Ultrasound</td>
<td>Feb 20 – 22, 2015</td>
<td>Dr. Greg Ryan Dr. Rory Windrim</td>
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<td>19 Lectures 4 Guest Faculty 1 Debate 7 Workshops 7 Live Scanning Sessions Salem Memorial Lecture</td>
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<td>Mature Women’s Health Care</td>
<td>April 17, 2015</td>
<td>Dr. Harold Drutz Dr. Wendy Wolfman</td>
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<td>11 Lectures Panel Discussion 2 Guest Faculty</td>
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<td>Departmental Research Day</td>
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<td>Dr. Ted Brown</td>
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<td>New Developments in Prenatal Diagnosis &amp; Medical Genetics</td>
<td>May 13, 2015</td>
<td>Dr. David Chitayat</td>
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<td>11 Lectures Nine Guest Faculty Video Conference</td>
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<td>Refresher in Primary Maternity Care</td>
<td>June 5, 2015</td>
<td>Dr. Anne Biringer and Dr. Rory Windrim</td>
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<td>Four Lectures. Panel discussion Four Workshops</td>
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GLOBAL HEALTH AND ADVOCACY IN THE DEPARTMENT LEADING WITH CARE THROUGH AMPATH

It has been another exciting year for Advocacy and Global Health within the Department. Locally, our Advocacy Committee, comprised of a group of interested faculty and residents, was involved in a number of meaningful initiatives. Our residents created an award-winning art event called InSpeculum, drawing awareness to cervical cancer and linked up with a refugee shelter to make presentations to groups of women new to Canada. We have forged good relationships with OSCER, the office of Strategic Communications at the Faculty of Medicine and have had teaching for our postgraduate trainees on professionalism in the new era of social media, balancing its opportunities and pitfalls. In our annual Interhospital Rounds, Dr. Philip Berger of the Department of Family and Community Medicine shared principles of how physicians can fulfil the advocate role in caring for their patients.

When it comes to our Global Health contributions, our primary involvement remains in the Academic Model Providing Access to Healthcare (AMPATH) in Kenya. 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,’ we saw an unprecedented infusion of additional support from the Purpleville Foundation for which we are extraordinarily grateful, in recognition of our success and continued potential. Through other granting agencies, 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. In Kenya, Astrid Christoffersen-Deb leads the University of Toronto’s commitment to care, education and research as Field Director for Reproductive Health. In an exciting development with thanks to our partnership with Indiana University, a Team Leader position in Reproductive Health was established, enabling a second faculty on the ground with primary responsibility in meeting our education goals. Caitlin Parks, from SUNY, fulfilled this role in its first year and made wonderful contributions in all areas of the program, particularly in the area of Family Planning integration. Our very own Heather Millar, a long-time contributor to the program, has assumed this role for the year. We are especially proud to see residents from Toronto, notably Julie Thorne, John Snelgrove, Michael Secter and Julie Wright (medicine), engaged locally with Kenyan residents to evaluate, design and implement improved models of care. If nothing else, they have gained valuable hands-on experience on-site from Johanna Sitters, our Midwifery Instructor at Moi Teaching and Referral Hospital (MTRH).
Central to AMPATH’s commitment to equity and reciprocity, we not only send trainees to Eldoret but welcome numerous learners to Toronto, including two senior Moi medical students and two gynaecologic oncology trainees from Moi in the fellowship program established there with Toronto’s support. 2015 looks to celebrate the graduation of the first cohort of registrars from Moi’s own MMed (residency) program. This year also saw the start of videoconference rounds to expand our educational reach and virtually link Moi Reproductive Health trainees with our residents and fellows in monthly educational rounds focusing on topics related to maternal medicine. These rounds are broadcast online, and in the coming year, we hope to link to additional hospitals within our Toronto teaching system. We thank CISEPO for their kind donation of physical and virtual space to make this accredited learning event possible.

Further, Philip Tonui became the third graduate of the Moi Gynaecologic Oncology fellowship program, a program co-led by Barry Rosen. Trainees currently in the program are from western Kenya and Uganda and will no doubt expand the reach of Gynaecologic Oncology care regionally. Our gynaecologic oncology program, with continued support from Princess Margaret Hospital, has continued to grow in the area of cervical cancer screening, with over 40,000 women screened to date. Princess Margaret Hospital has further supported the development of a collaborative curriculum in nursing oncology to support our clinical programs and is working to collaborate on plans for radiation facilities in the new chronic diseases facility.

Building on the success of the Gynaecologic Oncology fellowship program, we aim to launch a fellowship in Maternal-Fetal Medicine at Moi University. This endeavour is being spearheaded locally by Nan Okun, and will no doubt open further opportunities to advance care, research and education for our departments in Kenya and in Toronto.

As ever, our co-leadership in the AMPATH-Reproductive Health collaboration has become a cornerstone of our department and continues to highlight our leadership in this area among academic ObGyn departments nationally. Our advocacy and global health track record and ongoing commitments are a source of great pride for us all.
The Department’s Educational Partnership Program 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 our partners for their generous commitment and support of our educational activities throughout this and past years.

The 2014 – 2015 Industry Sponsors are:

Dapsoft Inc.  
Hologic Inc.

We look forward to future collaborations that continue to enhance development and growth within the educational programs of the Department.
Committee Reports
The committee’s name has been changed to the Promotion and Awards committee. This change reflects the broader mandate to identify suitably qualified faculty members for the full range of Awards, ranging from those at the University of Toronto, awards at the Provincial and National level, together with prestigious International awards.

The Department is pleased to announce the following Senior Promotions, effective July 1, 2015:

To Associate Professor

Dr. Marcus Bernardini
(Princess Margaret Hospital, University Health Network)

Dr. Bernardini did his combined Residency and Clinician Investigator Program training at the University of Toronto, followed by combined sub-specialty fellowship training in Gynecology Oncology at Duke University and at the University of Toronto. He joined the Gynecologic Oncology Division at PMH-UHN in 2008. Since then, he has obtained substantial research funding, and has emerged with a National reputation in both the management of low grade endometrial cancer and in the use of robotic surgery to reduce post-operative morbidity, especially in obese women. In recognition of his significant research contributions, he received the Chair’s award for Outstanding Research Potential in 2013. Recognizing his skills as an educator, he received a Teaching Excellence award in 2014. Marcus is deeply involved in many aspects of governance within his sub-specialty, at the Provincial and National levels and was elected secretary treasurer of the Society of Gynaecologic Oncology of Canada.

Dr. Ian Rogers
(Lunenfeld-Tannenbaum Research Institute, Mount Sinai Hospital)

Dr. Rogers undertook post-doctoral training in stem cell biology at the University of Toronto and was appointed as an Assistant Professor in 2007. His research program has flourished since then with substantial external grant funding. Notably, Ian has achieved 4 patents for his research during this time. His research focuses on developing stem cells for the treatment of diseases, with a focus on managing tissue rejection and understanding the immune response to foreign cells. The overall goal of his laboratory is to develop stem cells for clinical use from umbilical cord blood and from induced pluripotent stem (iPS) cells. He has developed 3-dimensional cell culture systems that use de-cellularized organs as substrates for growing stem cells. A new focus is to maintain fertility in female children undergoing chemotherapy. Together with his colleague Dr. Andras Nagy in our Department, Ian had a record-breaking series of four major publications in Nature and Nature Communications in December, 2014.
Dr. Rachel Spitzer  
(Mount Sinai Hospital, SickKids)

Dr. Spitzer did her residency training at the University of Toronto, incorporating a Masters in Public Health from Harvard University, and followed by a fellowship in Paediatric and Adolescent Gynaecology at SickKids, University of Toronto. She joined the Department at Mount Sinai and SickKids in 2008. Rachel has two main areas of research focus, in Paediatric and Adolescent Gynaecology (PAG) and in Global Women’s Health and Advocacy. Rachel is our inaugural Vice Chair in Global Women’s Health and leads our Department’s contribution in OBGYN to the AMPATH consortium at Moi University, Eldoret, Western Kenya. During this period, maternal mortality is estimated to have halved in Eldoret, an example of Rachel’s own contributions being the development of a training program to prevent and manage post-partum haemorrhage. Her work engages numerous types of trainees and is profiled in this report on page 38. In addition she is our faculty lead in Global Health in the Undergraduate Medical Education (UME) program. Rachel is an active member of our PAG Division at SickKids and directs their continuing medical education program.

Dr. Suzanne Wong  
(St. Joseph’s Health Centre)

Dr. Wong did her Residency training in OBGYN at Harvard University, where she developed an interest in Gynaecologic Ultrasound on faculty as an instructor, 2003-8. Following an initial Lecturer appointment, she became an Assistant Professor in our Department in 2008. In addition to her interests in teaching ultrasound skills, she has developed a National level profile for her expertise in substance abuse in pregnancy, including publishing the SOGC guideline on this subject. Dr. Wong is an accomplished teacher. She is one of our coveted “Master Teachers,” an award bestowed upon a small number of individuals who have won 3 individual teacher awards. In addition, Dr. Wong is a graduate of the Education Scholar Program at the Centre for Faculty Development at the University of Toronto. She represents Obstetrics & Gynaecology on the Point-of-Care Ultrasound Education Working Group in the Faculty of Medicine.
Introduction:
The Research Committee is charged with facilitating research and fostering collaborations within the department. All divisions, fully affiliated hospital sites, and trainee levels are represented within the committee. A key goal for the committee is to implement elements of the strategic plan toward building research capacity and collaborative opportunities. The committee was, again, fortunate this year to be well supported by Helen Robson, with assistance from Khrystyna Levyska and Tina Xue.

Highlights:
Dr. Mark Yudin, as the recently named Director of Clinical Research for the department, initiated interactive resident research proposal presentation sessions. These sessions are held twice a year during the academic half-day schedule and provide residents the opportunity to receive constructive suggestions for refining their research study from interested faculty and peers. These sessions are highly worthwhile and all faculty members are welcome and encouraged to attend. Dr. Kellie Murphy has also developed a research-training course for department Fellows and Residents. This comprehensive well-regarded three-day course features presentations from expert faculty members and is meant to familiarize trainees with salient aspects of the research process.

In keeping with the goals of the strategic plan, the research committee worked with Dr. Alan Bocking to organize a city-wide workshop on the impact of assisted reproductive technologies on early childhood development. The workshop was well attended with a research plan identified and an emerging team formed that will seek funding opportunities.

A priority of our department is to enhance research capacity by providing opportunities for our most promising trainees and young faculty. The department has dedicated funds for a Women’s Health Scholar (WHS) program to support trainees wishing to enter the clinician investigators program (CIP) during their training. In addition, funds are available to partially support CREMS scholars and CREMS summer students, with preference given to projects driven by young faculty members. The research committee has established a procedure to apply for this support and will adjudicate these applications.

Perhaps the most visible activity of the committee is the organization of our Annual Research Day, where our trainees present their research findings to the entire department. Research Day continues to grow both in the number of presentations and in the number of attendees, attesting to the importance the faculty places on evidence-based medicine and generation of new information.

Future Initiatives:
The committee will continue to work to implement directives stemming from the departmental strategic plan with Dr. Kellie Murphy now serving as committee co-chair to help drive this agenda forward. The committee will hold workshops to promote research discussions bridging departmental divisions that could lead to collaborative research for generating knowledge and practice-changing studies. We hope to eventually sponsor two workshop topics each year. The committee will also work with Divisions interested in establishing city-wide networks, similar to the city-wide OB network, for the purpose of building a broad platform for research collaborations and advocacy, and to identify educational needs. The committee will also promote cross appointments of appropriate faculty members to the School of Graduate Studies for the purpose of mentoring WHS trainees and CREMS scholars.
Chair’s Summer Studentship Awards and CREMS Students
This year, we had seven students participate in the CREMS Summer Student program with supervisors from our department. The CREMS program provides UofT students with an opportunity to do a 6-8 week mentored research project with faculty at the University of Toronto, giving them an introduction to research. In addition, we also introduced the Chair’s Summer Studentship Award, a departmental program that sponsors student participation in research projects with our faculty. Ten students participated in the inaugural program this summer at four different hospital sites. We were very impressed by the work done this summer by all 17 students, and we hope that these programs will continue to be successful at promoting research in our department going forward.

Below are short profiles on each student and the projects they were involved in.

**Cheyanne Reed**  
Supervisor: Jon Barrett  
Chair’s Summer Studentship

Project: **Developing a clinical guideline on invasive placentation**

With the increasing prevalence of invasive placentation, my project focused on developing an international consensus statement on the best clinical practices for the screening, diagnosis and management of this high-risk obstetric condition using a modified Delphi method. Based on finding variation among current guidelines, literature, and practice itself, our goal is to update and expand existing clinical guidelines in hopes of improving maternal and fetal outcomes.

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**Nicole Gibbings**  
Supervisor: Anne Berndl  
CREMS Summer Student

Project: **Quality assessment: Documentation of Bishop score in obstetrical triage and at the time of induction of labour**

The rising rate of cesarean delivery is of concern to women and clinicians. The Bishop Score is one of the few modifiable risk factors for cesarean delivery in women undergoing induction of labour. This project reviewed the documentation of Bishop Score at the time of induction, as well as the Bishop Score at which labour induction was undertaken. We discovered that there is significant room for improvement in both documentation and increased cervical ripening prior to induction of labour, which reveals an important quality improvement pathway with the potential to decrease the risk of cesarean delivery.
Vanessa Nguyen, Danielle Wuebbolt, Wynn Peterson, Kyra McKelvey, Rohan D’Souza

**Vanessa Nguyen**  
Supervisor: Rohan D’Souza  
Chair’s Summer Studentship

This past summer, Vanessa had an incredible research experience in the high risk pregnancy clinic. She really enjoyed conducting interviews with the team and interacting with patients. This rewarding experience has led Vanessa to pursue research in years to come.

**Danielle Wuebbolt**  
Supervisor: Rohan D’Souza  
Chair’s Summer Studentship

Working on Dr. Rohan D’Souza’s Patient Preferences summer research project has opened Danielle’s eyes to the field of Maternal-Fetal Medicine. Through interviewing patients and family members, she was able to develop her communication skills while learning about the complexity of various women’s medical disorders during pregnancy. Danielle was able to further her research skills and gain invaluable experience that will benefit her now and in the future. Lastly, Danielle is hopeful that the information that we have gathered will help shape clinical guidelines in the future.

**Wynn Peterson**  
Supervisor: Rohan D’Souza  
CREMS Summer Student

Wynn is now entering her second year of medical school at the University of Toronto. Spending the summer recruiting and interviewing patients for this project, Wynn has gained an appreciation for how patients make decisions. She believes this insight will assist her in collaborating with patients who are making difficult decisions in the future.

**Kyra McKelvey**  
Supervisor: Rohan D’Souza  
Summer Student

Kyra is currently finishing her PhD at the University of Toronto. Working on this project with Dr. D’Souza has inspired Kyra to shift her career in a more clinical direction. She has gained an appreciation for the complexity of medical decision making and the treatment of disorders during pregnancy, and hopes that the data gathered for this project will promote the incorporation of patient preferences into clinical guidelines.

**Project: Eliciting patient-preferences for maternal-fetal health states arising from the use of anticoagulation in pregnancy**

As a team, we interviewed women attending the Special Pregnancy Program at Mount Sinai Hospital. Using four hypothetical tasks, we elicited participants’ preferences for combined maternal-fetal health states related to anticoagulant use and pregnancy complications. By working on this project we gained valuable insight into patient decision-making that we hope will help to expand clinical guidelines as well as improve patient care in our own future medical practices.
Project: (1) Pre simulation training program: Baseline data of shoulder dystocia and brachial plexus injury across the Greater Toronto Area hospitals.
(2) Pre training program: Baseline data of obstetric anal sphincter injury across the Greater Toronto Area hospitals.

Both studies aim to generate pre-training data on the baseline incidence of (1) SD and BPI, as well as, (2) obstetric anal sphincter injury (OASIS) and associated risk factors. The data were obtained from Better Outcomes Registry & Network (BORN) Ontario Information System database, comprising all vaginal deliveries from April, 2012 to March, 2014 within 18 hospitals across the Greater Toronto Area (GTA). These data will eventually be compared to post-training data following an intensive simulation training program that includes force gauge monitoring in SD management and, (2) a training program that follows a standardized approach toward prevention and ideal management of OASIS.

Julia Ma
Supervisors: Michael Geary, Deborah Robertson, Helena Frecker
Chair’s Summer Studentship

Project: The effect of an educational session and structured communication tool on the quality of obstetrics & gynaecology handovers

Julia is a Master of Public Health candidate at the University of Toronto, specializing in the field of Epidemiology. Under the supervision of Drs. Helena Frecker and Deborah Robertson, Julia has been assisting with a prospective pre-post intervention study, looking to improve the quality of Ob/Gyn resident handovers. The study specifically targets the Ob/Gyn residents at the University of Toronto during their time at St. Michael's Hospital, where the effect of an educational session and structured communication tool on the quality of handovers is being investigated. Julia is also recruiting patients for a study led by Drs. Faraj Abdallah and Michael Geary to evaluate postpartum pain and quality of recovery following elective cesarean section.
Jasmine Multani  
Supervisor: Sari Kives  
Chair’s Summer Studentship

Project 1: **Dermoid cysts in adolescents**

Project 2: **Comparison of resolution of labial agglutination with estrogen therapy and observation in asymptomatic pre-pubertal girls.**

Through my research experience with Dr. Kives and the Paediatric and Adolescent Gynaecology team over the summer, I was given a great privilege to immerse myself in research. I have gained skills in writing a proficient REB proposal, researching and writing a comprehensive literature review, conducting a chart review, and ultimately publishing a paper. This experience has proven to be very valuable in that it has provided me with a better understanding of the importance of research guiding clinical practice. In addition to research, I also had the opportunity to shadow a few surgeries to better understand my research projects. I had the pleasure of working under Dr. Kives’ guidance through this process, which proved to be a very enjoyable opportunity and has definitely fostered further interest in research for the future.

Patrina Cheung  
Supervisor: Ann Malinowski  
CREMS Summer Student

Project: **Differences in umbilical cord gas values in neonates of mothers with sickle cell disease in comparison to neonates of non-affected mothers**

This summer, I was exposed to various aspects of clinical research - REB applications, study participant selection, data abstraction and analysis, and writing a scientific abstract. Through doing this project I was able to improve my research skills, which I will be able to apply to future research projects, while also learning more about obstetrics and high risk pregnancies.

Elizabeth Miazga  
Supervisor: Ann Malinowski  
Chair’s Summer Studentship

Project: **Postpartum morbidity in women receiving peripartum therapeutic anticoagulation.**

The project is a retrospective chart review of women followed in the Special Pregnancy program at MSH who received therapeutic anticoagulation. We looked at the regimens used for the re-initiation of therapeutic anticoagulation following delivery and whether the type of regimen used increases the risk of excessive peripartum bleeding.
Sidra Shafique  
Supervisor: Ann Malinowski  
Chair’s Summer Studentship  

Project: **Risk factors associated with adverse pregnancy outcomes in Women with sickle cell disease.**  

It was a memorable experience to be a summer student in the Maternal Fetal Medicine Division at Mount Sinai Hospital. I learned “How a vision can come alive from words to practice” through the application of theoretical concepts to obtain tangible results, in a respectful and encouraging environment. Dr. Malinowski guided me through the process. My supervisor has an encouraging attitude towards her students. All the staff is very helpful and cooperative.

Tiffany Chow  
Supervisor: Ally Murji  
Chair’s Summer Studentship  

Project: **Prospective database on the use of ulipristal acetate following launch in Canada**  

Our goal is to determine the predictors of effectiveness of Ulipristal Acetate in the treatment of fibroids. I also worked on a Cochrane systematic review on Selective Progesterone Receptor Modulators for Uterine Fibroids. This project taught me how to critically appraise scientific literature. Furthermore, I was given many opportunities to shadow Dr. Murji and observed various gynecological and obstetrical procedures. This was my first experience with clinical research, and it was a thoroughly memorable and enjoyable summer.

Noelle Ma  
Supervisor: Nan Okun  
CREMS Summer Student  

Project: **A Greater Toronto Area (GTA-OBS) Network standardized protocol for the care of pregnant women with a short cervix in pregnancy.**  

Given that prematurity is responsible for half of all neonatal deaths, we constructed a standardized protocol to improve the care of pregnant women with a short cervix throughout the GTA (LHINS 5 to 9). We reviewed publications, international guidelines and consulted expert opinions within the GTA Obstetrics Network in order to develop a framework for care of these women. We plan on facilitating the implementation of this standardized protocol in community hospitals in the GTA and tracking pre- and post-proposal indicators.
Raghad Al-Saqqar  
Supervisors: Barry Rosen, Michelle Jacobson  
CREMS Summer Student  

Project: A comprehensive clinical database for women with BRCA mutations

Raghad was involved with the Familial Ovarian Cancer Clinic at Women’s College Hospital. Her project was to develop a database capturing information from the initial patient encounter, her surgery and postoperative care as well as her aftercare. Raghad had an integral role in formatting the database, reviewing the literature, and deciding which questions needed to be asked. She helped to draft and submit the REB application as well. The completion of the database is ongoing and will be expanded to include data from the new Epic electronic patient records at Women’s College Hospital.

Lelya Eryuzlu  
Supervisor: Prati Sharma  
CREMS Summer Student  

Project: Ovarian syndrome in advanced reproductive age: Are there advantages in the response to fertility treatment?

Polycystic ovarian syndrome (PCOS) is a common endocrine disorder that affects 6.5-8% of women of reproductive age. One characteristic of PCOS is high anti-Mullerian hormone (AMH) levels. As women age, AMH levels fall, correlating well with antral follicle numbers and providing a good indication of ovarian reserve. Thus, it is hypothesized that women with PCOS likely have a larger ovarian reserve than women without PCOS. The objective of the study is to determine if women with PCOS of advanced reproductive age have an advantage in their response to fertility treatment compared to non-PCOS infertile women. The study is still in the data collection stage.

Liubov Krichevsky  
Supervisor: Prati Sharma  
CREMS Summer Student  

Project: Efficacy of infertility treatments in fragile X premutation carriers with primary ovarian Insufficiency

Primary ovarian insufficiency (POI) is a condition of ovarian dysfunction caused by a process originating within the ovary itself that leads to infertility. Premutation of the Fragile X Mental Retardation 1 (FMR1) gene, defined by the presence of 55-200 CGG repeats in the 5’UTR, predisposes women to develop POI. There are currently no standard protocols to treat women with Fragile X-associated primary ovarian insufficiency (FXPOI). This retrospective study aimed to identify the most optimal fertility treatment protocols for females with FXPOI and to determine whether treatment success differs between females with FXPOI and those with POI due to other causes.
32nd Annual Research Day
The annual departmental Research Day was held at St. Michael’s College on May 8th. This event provides our trainees with the opportunity to share their research with the entire department and for us to come together to celebrate our collective research successes. At this, our 32nd Obstetrics and Gynaecology Research Day, we received 109 abstract submissions, with 331 attendees (faculty, trainees, and guests). These statistics exceed our previous record of 93 abstracts and 300 registrants set in 2014. We retained several popular initiatives from the 2014 meeting. Collaboration Corner was enhanced by providing time at the end of our first oral session for presenters to highlight their project and invite interested collaborators to come to their posters for further information. We hope to further expand this aspect of Research Day in 2016. Research Day was, once again, a recognized CME event, providing up to 7.0 hours of credit for maintaining credentials. We are grateful for the generous financial support of Dapasoft Inc. and Hologic Inc. for our Research Day APP, which provided registrants with searchable access to abstracts, maps, schedules, and late announcements regarding the meeting. This year we also introduced a People’s Choice Award for best poster, which was well received.

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. This year, Dr. Hamish Wallace, Professor of Paediatric Oncology at the Royal Hospital for Sick Children and University of Edinburgh (United Kingdom) delivered an insightful lecture on “Oncofertility: Fertility preservation for young people with cancer – who is at risk and what can be offered.” We were able to derive additional benefit from our guest speaker, who informally met with the REI and Paediatric Gynaecology groups in advance of the meeting. We were pleased to have an excellent day end on a high note, with our awards ceremony and reception, officiated by our Dean of Medicine, Dr. Trevor Young.
COLLABORATION CORNER

1: A Prospective Cohort & Cost-Effectiveness Study of Preimplantation Genetic Screening with In Vitro Fertilization

Rhonda Zwingerman, Heather Shapiro, Nan Okun
Department of Obstetrics and Gynaecology, University of Toronto

2: The Ontario Birth Study - A Collaborative Research Platform

Ryan Seeto (1), Mary-Jean Martin (2), Sheryl Hewko (2), Teresa Selander (1), Howard Berger (3), Nan Okun (4), Laura Anderson (5), Julia Knight (1), Jonathan Maguire (3), Leanne De Souza (3), Kellie Murphy (4), Stephen Lye (1), Alan Bocking (4)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Mount Sinai Hospital, (3) St. Michael’s Hospital, (4) Department of Obstetrics and Gynaecology, (5) SickKids

3: Does Medical Pre-treatment of Fibroids Affect the Surgical Experience at Myomectomy?

Marta Wais, Sari Kives, Sabrina Lee, Grace Liu, Alice Pham
Department of Obstetrics and Gynaecology, University of Toronto

4: AMPATH Reproductive Health - Collaboration Corner

Rachel Spitzer, Alan Bocking, Astrid Christoffersen-Deb, Paula Braitstein
Department of Obstetrics and Gynaecology, University of Toronto
ORAL PRESENTATIONS

O1: The Effect of Antenatal Corticosteroids on the Fetal Thymus

Claire Jones (1), Sharon Adams (2), Louisa Loizides (2), Meredith Hood (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St. Michael’s Hospital

O2: Molecular Evidence of Local and Functional Progesterone Withdrawal in Labouring Human Myometrium

Lubna Nadeem, Oksana Shynlova, Xuesen Dong, Stephen Lye
Lunenfeld-Tanenbaum Research Institute

O3: JA Multi-center Retrospective Review of Clinical Characteristics of Uterine Sarcoma

Marta Wais (1), Elissa Tepperman (2), Marcus Bernardini (1), Lilian Gien (1), Waldo Jimenez (2), Ally Murji (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Mount Sinai Hospital

O4: Uterine Clear Cell Carcinoma: Does Adjuvant Chemotherapy Improve Outcomes?

Julie Nguyen (1), Geneviève Bouchard-Fortier (1), Marcus Bernardini (1), Guangming Han (2), Lilian Gien (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

O5: Cost-Effectiveness Analysis of Preimplantation Genetic Screening with In Vitro Fertilization

Rhonda Zwingereman (1), Daniel Wagner (2), Heather Shapiro (1), Nan Okun (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

O6: Dietary L-Arginine Supplementation During Pregnancy Improves Birth Outcomes in Experimental Placental Malaria

Chloe McDonald (1), Andrea Conroy (1), Lindsay Cahill (2), Adrienne Philson (1), John Sled (1), Kevin Kain (1)
(1) Other, (2) SickKids

O7: Pregnancy Outcomes in Women with Polycystic Ovarian Syndrome (PCOS) Undergoing In Vitro Fertilization (IVF)

Lynn Sterling (1), Jennifer Liu (1), Nan Okun (1), Anamika Sakhuja (2), Sony Sierra (1), Ellen Greenblatt (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

O8: Neonatal Mortality and Morbidity in Very Preterm Twin based on Birth Order

Elad Mei-Dan (1), Greg Ryan (1), Prakesh Shah (2), Kellie Murphy (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital
O9: Effect of oral Lactobacillus rhamnosus, GR-1®/ L. reuteri, RC-14® on the vaginal microbiota and cervico-vaginal cytokines in low risk pregnant women

Siwen Yang (1), Alan Bocking (1), John Challis (1), Gregor Reid (2), Gregory Gloor (2), Shannon Seney (2), Mary-Jean Martin (3), Maria Rocco (3), Elizabeth Asztalos (4)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Mount Sinai Hospital, (4) Sunnybrook Health Sciences Centre

O10: Large Cohort Unsupervised Placental Microarray Analysis for the Assessment of Molecular Heterogeneity in Pathologies of Pregnancy

Katherine Leavey (1), Shannon Bainbridge (2), Brian Cox (1)
(1) Department of Physiology, University of Toronto (Canada), (2) Other

O11: Exosomes from Normal and Pre-eclamptic Placental Villi are selectively Anti-angiogenic and reversed by Low Molecular Weight Heparin (LMWH)

Kalpana Pillai (1), Dora Baczyk (1), John Kingdom (2)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto

O12: A Comparison of Survival Outcomes Between Two Canadian Centres in the Treatment of Advanced Stage Ovarian Cancer

Kate Pulman (1), Robyn Comeau (2), Steven Narod (3), Ping Sun (3), Marcus Bernardini (1), Jason Dodge (1), Taymaa May (1), Joan Murphy (1), Stephane Laframboise (1), Sarah Ferguson (1), Prafull Ghatage (2), Barry Rosen (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Women’s College Hospital

O13: Prenatal Glucocorticoid Treatment Matures The Developing Blood-Brain Barrier (bBB) and Alters Responsiveness to TGF-β1

Stephanie Baello (1), Majid Iqbal (1), Stephen Matthews (2), William Gibb (3)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Other

O14: Coagulopathy as a predisposing factor to endometriosis: Evidence from a bleeding questionnaire

Anat Herscu Klement (1), Frederic Mitri (1), Alida Pokoradi (2), Yaakov Bentov (1), Paul Chang (1), Dan Nayot (1), Anne McLeod (3), Robert Casper (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Sunnybrook Health Sciences Centre
POSTER PRESENTATIONS

POSTER GROUP A

A1: Does the Initial Management of High-grade Serous Ovarian Cancer Predict Location of Recurrence?
Lauren Philp (1), Paulina Cybulska (1), Sarah Ferguson (1), Barry Rosen (1), Jaydeep Halankar (2), Dhivyamurthy Paravasthu (2), Clara Cheong (3), Ur Metser (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University Health Network, (3) Other

A2: Does Volume of Ascites at the Time of Primary Surgery Influence Patterns of Recurrence in Advanced High Grade Ovarian Cancer?
Ingrid Lai (1), Barry Rosen (1), Joan Murphy (1), Christine Massey (2), Tomer Feigenberg (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University Health Network

A3: Early stage clear cell ovarian cancer and the effect of adjuvant radiation on survival.
Liat Hogen (1), Marcus Bernardini (1), Barry Rosen (1), Lisa Le (2), Dina Bassiouny (3), Danielle Vicus (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University Health Network, (3) Other

A4: A comparison of the toxicity and tolerability of two intraperitoneal chemotherapy regimens for advanced-stage ovarian cancer.
Geneviève Bouchard-Fortier (1), Barry Rosen (1), Kate Pulman (1), Iryna Vyarvelska (2), Danielle Vicus (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University Health Network

Caroline Brandon (1), Christine Derzko (2), Amy Strauss (2), Mark Messina (1), Dorotha Faulkner (3), Christine Ireland (3), David Jenkins (3)
(1) Other (United States), (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) St. Michael's Hospital

Vanessa Zannella (1), Joan Murphy (2)
(1) Other (Canada), (2) Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP B

B1: Gestational diabetes and the Folate-Methionine Cycle
Eran Barzilay (1), Ashley Moon (1), Lesley Plumptre (1), Shannon Mash (1), Carly Visentin (1), Anna Ly (1), Kyoung-Jin Sohn (1), Andrea Lausman (1), Ruth Croxford (2), Deborah O’Connor (3), Young-In Kim (1), Howard Berger (1)
(1) St. Michael’s Hospital, (2) Other, (3) SickKids

Marian Leung (1), Howard Berger (2), Nirmala Chandrasekaran (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St. Michael’s Hospital
B3: Is postpartum anaemia an independent risk factor for development of postpartum depression?
Nirmala Chandrasekaran (1), Leanne De Souza (2), Robyn Bernick (1), Howard Berger (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St. Michael’s Hospital

Hadar Rosen (1), Jon Barrett (2), Rania Okby (2), Ori Nevo (2), Nir Melamed (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

B5: TGFβ and IL8 Co-operate to Polarize Neutrophil Differentiation Towards a Pro-Angiogenic Phenotype
Melissa Kwan (1), Caroline Dunk (1), Hagai Amsalem (2), Stephen Lye (1)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Other

B6: Spontaneous Uterine Rupture and Repair at 21 Weeks Gestation: A Case Report and Literature Review
Lesley Hawkins (1), Deborah Robertson (1), Abheha Satkunaratnam (2), Helena Frecker (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St. Michael’s Hospital

POSTER GROUP C

C1: Necroptosis in the Human Placenta
Liane Bailey (1), Isabella Caniggia (2)
(1) University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute

C2: Jumonji C Domain Containing Protein 6 (JMJD6) – A Novel Regulator of VHL in the Human Placenta
Sruthi Alahari (1), Isabella Caniggia (2)
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute

C3: Mitochondrial Dynamics and Sphingolipid Metabolism in Preeclampsia
Jonathan Ausman, Isabella Caniggia
Lunenfeld-Tanenbaum Research Institute

C4: 3D Sonographic Placental Assessment to Improve Algorithm-Based Screening for Adverse Perinatal Outcomes Associated with Placental Disease
Farshad Ghasemi (1), Emily Wright (1), Sarah Keating (2), Prakesh Shah (3), Michael Yampolsky (2), John Kingdom (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University of Toronto, (3) Mount Sinai Hospital

C5: Expression of The ABC Transporter Superfamily in The Preterm and Term Human Placenta
Güínever Império (1), Mohsen Javam (1), Caroline Dunk (2), Enrrico Bloise (3), Stephen Lye (2), William Gibb (3), Tania Ortiga (3), Stephen Matthews (4)
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute, (3) Other, (4) Department of Obstetrics and Gynaecology, University of Toronto

C6: Detecting Placental Pathology Based on Umbilical Artery Wave Mechanics
Anum Rahman (1), Yu-Qing Zhou (1), Lindsay Cahill (1), Mike Seed (1), John Kingdom (2), Christopher Macgowan (1), John G. Sled (1)
(1) SickKids, (2) Department of Obstetrics and Gynaecology, University of Toronto
POSTER GROUP D

D1: microRNAs govern trophoblast stem cell fate via repression of embryonic gene regulatory networks
Ursula Nosi, Brian Cox
Department of Physiology, University of Toronto

D2: Characterization of mesenchymal stromal cells derived from human umbilical cord
Vanessa Raileanu, Jennifer Whiteley, Ian Rogers
Department of Obstetrics and Gynaecology, University of Toronto

D3: Generating Six2+ Renal Progenitors for Kidney Cell Therapy
Manpreet Sambi (1), Jennifer Whiteley (2), Claudio Monetti (1), Mira Li (3), Qin Liang (1), Peter Tonge (3), Andras Nagy (2), Ian Rogers (2)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) University Health Network

D4: iPSC-derived Thymic Epithelial Progenitors Differentiation for Development of Mice with Personalized Immune Systems
Huijuan Yang (1), Ian Rogers (2), Andras Nagy (2)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Department of Obstetrics and Gynaecology, University of Toronto

D5: Improved Cardiac Function after Intra-Myocardial Injection of First Trimester Human Umbilical Cord-Derived Perivascular Cells in a Rat MI Model
Russell Yanofsky
Department of Obstetrics and Gynaecology, University of Toronto

D6: Development of Local-acting Biologics for Combined Cell and Gene Therapy to Treat Rheumatoid Arthritis
Eric Neely (1), Andras Nagy (2)
(1) Other (Canada), (2) Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP E

E1: Ultrasound Training and Competency Achieved During Obstetrics and Gynaecology Residency in Canada
Mathew Leonardi (1), Ally Murji (2), Mara Sobel (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

E2: Incidence and Characteristics of Needlestick Injuries amongst Medical Trainees at a Community Teaching Hospital
Ben Ouyang (1), Melissa Tai (1), Lucy Dong Xuan Li (1), Joanne Mount (2), Marcus Law (2), Carmine Simone (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Toronto East General Hospital
E3: Piloting Moodle in the Department of Obstetrics and Gynaecology
Ruaidhri McVey (1), Sergio Carmona (1), Eric Clarke (2), Joan Murphy (1), Rory Windrim (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

E4: Global Women’s Health Education in Canadian Obstetrics and Gynaecology Residency Programs: A survey of program directors and senior residents.
Heather Millar (1), Elizabeth Randle (2), Heather Scott (2), Dorothy Shaw (2), Nancy Kent (2), Amy Nakajima (2), Rachel Spitzer (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

E5: Can surgical “warm-up” with instructor feedback improve operative performance of surgical trainees?
Leslie Po (1), Jamie Kroft (2), Michael Ordon (3), Jason Lee (1), Richard Pittini (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre, (3) St Michael’s Hospital

E6: Teaching patient and instrument selection for operative vaginal deliveries: a video-based masterclass in second stage labour assessments
Aparna Sarangapani (1), Andrea Simpson (1), John Snelgrove (1), Mary Higgins (2), Rory Windrim (3), Abheha Satkunaratnam (4)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Mount Sinai Hospital, (4) St Michael’s Hospital

F1: Dysglycemia Among Adolescents With Polycystic Ovarian Syndrome
Kimberly Bremer (1), Nicole Coles (2), Jill Hamilton (2), Sari Kives (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) SickKids, (3) St. Michael’s Hospital

F2: Autonomous Functional Ovarian Cysts and Precocious Puberty in Young Girls – 10 years of experience at a Canadian centre
Ian Comeau (1), Sari Kives (2), Jill Hamilton (1), Lisa Allen (3)
(1) SickKids, (2) St. Michael’s Hospital, (3) Mount Sinai Hospital

F3: A streamlined surgical technique of laparoscopic sacrocolpopexy for post hysterectomy vault prolapse treatment
Ashraf Dawood (1), Salomon Zebede (1), Danny Lovatsis (1), May Alarab (2), Harold Drutz (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

F4: Predicting post-operative urinary retention (PUR) in women undergoing pelvic reconstructive surgery
Adrienne Li (1), Patricia Lee (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

F5: Effect of obesity on surgical complication rates in women undergoing vaginal hysterectomy
Chaula Mehta (1), Petrus Kruger (1), Patricia Lee (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

F6: Local Estrogen Therapy: Potential Implications for the Improvement of Pelvic Organ Prolapse Symptoms in Postmenopausal Women
Yvonne Leong (1), May Alarab (2), Harold Drutz (2), Oksana Shynlova (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital, (3) Lunenfeld-Tanenbaum Research Institute
**POSTER GROUP H**

**H1: The Impact of Body Image in Women with Infertility on their Quality of Life**
Julie Leising (1), Jan Silverman (2), Kevin Quach (2), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

**H2: Complement Cascade Factors in Granulosa Luteinized Cells & Follicular Fluid Appear to Correlate with Ovarian Reserve in In Vitro Fertilization Patients**
Bahar Behrouzi (1), Esther Lau (1), Arshia Azizeddin (1), Shlomit Kenigsberg (1), Clifford Librach (2)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

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**POSTER GROUP G**

**G1: Altered Angiogenesis in HIV-Infected Pregnant Women is Associated with Preterm Birth and Stillbirth: A Prospective Longitudinal Cohort Study in Uganda**
Andrea Conroy, Chloe McDonald, Paul Natureeba, Diane Havlir, Moses Kamya, Grant Dorsey, Kevin Kain
University of Toronto

**G2: Maternal Cardiovascular Effects of Placental Dysfunction in the 2nd Trimester**
Kelsey McLaughlin (1), Rohan D’Souza (2), Michelle Hladunewich (3), John Parker (1), John Kingdom (2)
(1) Mount Sinai Hospital, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Sunnybrook Health Sciences Centre

**G3: The Quantitative and Qualitative Character of Decidual Natural Killer Cells in Preeclamptic Pregnancy**
Jianhong Zhang, Caroline Dunk, Stephen Lye
Lunenfeld-Tanenbaum Research Institute

**G4: Fetal MRI hemodynamic assessment compared with conventional Doppler parameters for the detection of intrauterine growth restriction (IUGR)**
Meng Yuan Zhu (1), Sarah Keating (2), Natasha Millogan (3), Rory Windrim (3), Sharon Portnoy (1), John Sled (2), Christopher Macgowan (1), John Kingdom (4), Mike Seed (1)
(1) SickKids, (2) Other, (3) Mount Sinai Hospital, (4) Department of Obstetrics and Gynaecology, University of Toronto

**G5: Combining T1 and T2 Measurements for Evaluation of Fetal Blood Oxygen Saturation and Hematocrit**
Sharon Portnoy (1), Mike Seed (1), Meng Yuan Zhu (1), John Sled (2), Christopher Macgowan (1)
(1) SickKids, (2) Department of Obstetrics and Gynaecology, University of Toronto

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**fertility I**

**preeclampsia, IUGR and preterm birth**
H3: Development of test protocol for direct FMR1 gene sequencing to determine CGG allele meiotic stability in sibling embryos
Lih Yeen Tan (1), Clifford Librach (1), Rina Abramov (2), Tatiana Kalinina (3), Peter Ray (3), Valeriy Kuznetsov (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) SickKids

H4: Presence of Luteinizing Hormone Receptor in Exosomes Isolated from Human Follicular Fluid: A Potential Mechanism to Regulate Follicular LH Signaling
Jennifer Power (1), Clifford Librach (2), Arshia Azizeddin (1), Shlomit Kenigsberg (1)
(1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

H5: Serum AMH Levels are Correlated with Aneuploidy in a Subpopulation of Women experiencing Infertility
Karen Wong (1), Basheer AlKudmani (1), Clifford Librach (1), Prati Sharma (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

H6: Morphokinetic and Metabolic Signatures of Human Pre-implantation Embryos Correlate with Embryo Competency During IVF Treatment
Parshvi Vyas (1), Hanna Balakier (2), Clifford Librach (2)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto

male fertility

I1: Sperm DNA Quality is Strongly Correlated with the Likelihood of Achieving a Pregnancy with Non-IVF Fertility Treatments
Julia Brachtchenko (1), Sonja Swanson (1), Ekaterina Shlush (1), Larissa Kan-oool (1), Prati Sharma (1), Ari Baratz (2), Karen Glass (3), Clifford Librach (3), Sergey Moskovstev (3)
(1) Other, (2) Women’s College Hospital, (3) Department of Obstetrics and Gynaecology, University of Toronto

I2: In Vitro Testicular Niche: The Ratio of Spermatogonial Stem Cells (SSC) to Supporting Somatic Cells is Critical for Optimal SSC Proliferation
Itai Gat (1), Leila Maghen (2), Ekaterina Shlush (3), Hanna Balakier (1), Andree Gauthier-Fisher (3), Kirk Lo (4), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Physiology, University of Toronto, (3) Other, (4) Mount Sinai Hospital

I3: The Anti-Apoptosis Related IL-7 Receptor is Expressed in Human Ejaculates and its Expression is Significantly Lower in Patients with Asthenozoospermia
Ekaterina Shlush (1), Paula Mackie (2), Sergey Moskovstev (1), Melissa Felice (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

I4: UTF-1 as a marker for human spermatogonial stem cells (SSCs) and its application in the assessment of telomere length in azoospermic men
Alison Pamela Kurjanowicz (1), Clifford Librach (2), Sergey Moskovstev (2), Kirk Lo (3), Keith Jarvi (3)
(1) Department of Physiology, University of Toronto, (2) Department of Obstetrics and Gynaecology, University of Toronto, (3) Mount Sinai Hospital
**POSTER GROUP K**

**J1: The First Prospective Study of Surgical Morbidity In A Canadian Tertiary Referral Academic Gynecologic Oncology Center**
Ruaidhri McVey (1), Iryna Vyvarvelska (2), Marcus Bernardini (1), Jason Dodge (1), Stephane Laframboise (1), Taymaa May (1), Joan Murphy (1), Barry Rosen (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) University Health Network

**J2: VEPH1 Impedes SMAD2 Release from TGF-β Receptor I to Inhibit TGF-β Signaling**
Premalatha Shathasivam (1), Alexandra Kollara (1), Maurice Ringuette (2), Carl Virtanen (3), Jeffrey Wrana (4), Theodore Brown (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) University Health Network, (4) Lunenfeld-Tanenbaum Research Institute

**J3: Cost-Effectiveness of Sentinel Node Biopsy in Early Stage Cervical Cancer**
Harry Brar
Department of Obstetrics and Gynaecology, University of Toronto

**K1: Algorithm for Efficient Analysis of Perinatal Samples: a Three-Year Prospective Study**
Karen Wou (1), Yong Hyun (2), David Chitayat (3), Karen Chong (1), Sarah Keating (3), Patrick Shannon (3), Elena Kolomietz (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital, (3) Other

**K2: Management of Interstitial Pregnancy**
Ummi Habiba (1), Ally Murji (2), Atri Mostafa (3), Jacqueline Thomas (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital, (3) Other

**K3: Developing a Risk Score for Postpartum Thromboprophylaxis of Patients Undergoing a Caesarean Section**
Joyce Lai (1), Isvarya Venu (1), Nadine Shehata (2), Shital Gandhi (2), Anne McLeod (3), Nusrat Zaffar (2), Ann Malinowski (4)
(1) Other, (2) Mount Sinai Hospital, (3) Sunnybrook Health Sciences Centre, (4) Department of Obstetrics and Gynaecology, University of Toronto

**K4: Predicting Maternal and Newborn Outcomes: Evaluating the Edmonton Obesity Staging System and Body Mass Index in the Assessment of Obese Pregnant Women**
Leeann Bellamy (1), Mark Osmond (1), Cynthia Maxwell (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital
K5: “Surrounding endometrium sign” on ultrasound can Differentiate Eccentric Cornual Intrarate Pregnancies From Interstitial Ectopic Pregnancy
Allison Grant (1), Ally Murji (2), Atri Mostafa (1) (1) Other, (2) Mount Sinai Hospital

K6: Peripartum Management of Anti-Coagulation Therapy: Assessing Variation in Practice
Sagar Rohailla (1), Shital Gandhi (2), Anne McLeod (3), Nadine Shehata (2), Ann Malinowski (4) (1) St. Michael’s Hospital, (2) Mount Sinai Hospital, (3) Sunnybrook Health Sciences Centre, (4) Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP L

delivery and mechanisms of birth

L1: In situ localization of matrix metalloproteinase expression and activity in the pregnant, labouring and post-partum rat myometrium
Tina Tu-Thu Nguyen, Oksana Shynlova, Stephen Lye Lunenfeld-Tanenbaum Research Institute

L2: Mode of Delivery of Infants in Breech Presentation at Borderline Viability
Kirsten Niles (1), Jon Barrett (2), Ori Nevo (2), Nir Melamed (2), Howard Cohen (2), Anne Berndt (2), Dini Hui (2), Noor Ladhani (2) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

L3: The Likelihood of Change in Fetal Presentation during the Third Trimester in Twin Pregnanacies
Jellena Wong (1), Hadar Rosen (1), Ori Nevo (2), Elizabeth Asztalos (2), Nir Melamed (2) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

L4: Preterm premature rupture of membranes in twin pregnancy: Comparison between PPROM in presenting versus non-presenting twin
Mark Osmond (1), Elad Mei-Dan (1), Susan Pak- enham (1), Eugene Ng (1), Green Jessica (1), Jon Barrett (2) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

L5: Maternal Obesity Class as a Predictor of Induction Failure: a practical risk assessment tool
Stefania Ronzoni (1), Hadar Rosen (1), Nir Melamed (2), Shay Porat (3), Dan Farine (1), Cynthia Maxwell (4) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre, (3) Other, (4) Mount Sinai Hospital

L6: The effect of red blood cell autoantibodies on pregnancy outcomes
Marie Coroneos (1), James Ahlin (2), Jon Barrett (3), Christine Cserti (4), Yulia Lin (3), Ann Malinowski (1), Katerina Pavenski (5), Nadine Shehata (6) (1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Sunnybrook Health Sciences Centre, (4) University Health Network, (5) St. Michael's Hospital, (6) Mount Sinai Hospital
M1: Antiangiogenic VEGF Sticky-traps and Las-sos: more than meets the eye
Sabih Hacibekiroglu (1), Iacovos Michael (1), Peter Westenskow (2), Alissa Cohen Greenwald (1), Brian Ballios (2), Nikolaos Mitrousis (2), Toshihide Kurihara (2), Zhijie Li (2), Carmen Warren (2), Puzheng Zhang (1), Edith Aguilar (2), Laura Donaldson (2), Valentina Marchetti (2), Takeshi Baba (1), Samer Hussein (1), Hoon-Ki Sung (3), M Ireula-Arispe (1), James Rini (2), Derek van der Kooy (2), Molly Shoichet (2), Martin Friedlander (2), Andras Nagy (4)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Other, (3) SickKids, (4) Department of Obstetrics and Gynaecology, University of Toronto

M2: Identification of A Tightly-Controlled, Highly-Activatable, Doxycycline-Inducible Genomic Locus
Qin Liang (1), Claudio Monetti (1), Iacovos Michael (2), Peter Tonge (3), Andras Nagy (4)
(1) Lunenfeld-Tanenbaum Research Institute, (2) Other, (3) University Health Network, (4) Department of Obstetrics and Gynaecology, University of Toronto

M3: Testing Xeno-Free Conditions for the Expansion of Human Umbilical Cord Perivascular cells (HUCPVC) using Immunophenotyping and in vitro Potency Assays
Matthew Librach (1), Peter Szaraz (2), Schreiber Pereira (2), Leila Maghen (2), Farwah Iqbal (2), Tanya Barretto (3), Katya Park (3), Andree Gauthier-Fisher (3), Clifford Librach (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Department of Physiology, University of Toronto, (3) Other

M4: First Trimester Human Umbilical Cord Perivascular Cells (HUCPVCs) in Cardiac Repair: ECM Processing, Cell Retention and Functional Improvement post-MI
Peter Szaraz (1), Shlomit Kenigsberg (2), Matthew Librach (3), Leila Maghen (2), Jun Wu (4), Shu-Hong Li, (4), Ren Ke Li (4), Clifford Librach (3), Andree Gauthier-Fisher (2)
(1) Department of Physiology, University of Toronto, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto, (4) University Health Network

M5: Human Umbilical Cord-derived Perivascular Cells (HUCPVC) Expanded in Xeno-free Conditions Maintain their Angiogenic Properties
Joseph Fish (1), Peter Szaraz (1), Clifford Librach (2), (1) Other, (2) Department of Obstetrics and Gynaecology, University of Toronto

M6: Human Umbilical Cord-Derived Perivascular Cells Demonstrate Greater Angiogenic Potential than Term or Bone Marrow MSCs Using a Novel Aortic Ring Assay
Farwah Iqbal (1), Peter Szaraz (1), Andree Gauthier-Fisher (2), Clifford Librach (3)
(1) Department of Physiology, University of Toronto, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto
health care delivery

POSTER GROUP N

N1: Obstetric pharmacokinetic studies; are we prescribing without evidence?
Gali Pariente (1), Tom Leibson (2), Gideon Koren (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) SickKids

N2: The Relationship Between Maternal Age and Knowledge of Prenatal Screening Options for Trisomy 21: A Pilot Study
Kira Bensimon (1), Amanda Selk (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

N3: Predictors of Length of Stay after Vaginal Hysterectomy
Petrus Kruger (1), Patricia Lee (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Sunnybrook Health Sciences Centre

N4: Dr. Internet: Trends of Internet Use by Gravid Patients to Access Pregnancy Related Information
Hadar Rosen (1), Adriana Dekirmendjian (2), Mahshid Mohseni (1), Dan Farine (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

N5: The Effect of an Early Pregnancy Centre on Surgical Intervention Rates Among Women with First Trimester Losses who use English as a Second Language
Lucy Dong Xuan Li, Melissa Tai, Jennifer Bordin
Department of Obstetrics and Gynaecology, University of Toronto

N6: Innovative Prenatal Care Partnerships for Medically Uninsured Pregnant Women
Ashley Raeside (1), Monika Dalmacio (2), Manavi Handa (2), Rachel Spitzer (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other

POSTER GROUP O

gynaecology/maternal-fetal medicine

O1: Perioperative Blood Loss and Transfusion Risk Factors During Abdominal Myomectomy: The Creation of a Standardized Clinical Pathway
Lesley Hawkins, Helena Frecker, Deborah Robertson
Department of Obstetrics and Gynaecology, University of Toronto

O2: Clinical Outcomes following Office-based Ultrasound-guided Hysteroscopic Septum Resection in the Infertile Population
Sahaana Rangarajan (1), Basheer AlKudmani (1), Clifford Librach (1), Prati Sharma (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other
O3: The Role of Ethnicity in the Treatment of Uterine Fibroids with Ulipristal Acetate
Rebecca Crosier (1), Ally Murji (2), Jodi Shapiro (1), Wendy Wolfman (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

O4: Awareness of Obstetrical Risk Associated with Advanced Maternal Age in Primiparous Women
Nicole Carpe (1), Amanda Selk (2)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Mount Sinai Hospital

O5: Antenatal Glucocorticoids lead to Multi-generational Programming of Behaviour via Paternal Transmission
Lucy Dong, Xuan Li, Melissa Tai, Jennifer Bordin
Department of Obstetrics and Gynaecology, University of Toronto

POSTER GROUP P

P1: Fertility & Patient Satisfaction After Robotic Assisted Laparoscopic Myomectomy - A Canadian Perspective
Carmen McCaffrey (1), Sari Kives (2), Guylaine Lefèbvre (1)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) St. Michael’s Hospital

P2: Utility of AMH levels as a biomarker of fertility during IUI and IVF procedures
Chaula Mehta (1), Timothy Evangelista (2), Marjorie Dixon (3)
(1) Department of Obstetrics and Gynaecology, University of Toronto, (2) Other, (3) Sunnybrook Health Sciences Centre

P3: The effect of physical activity on oocyte quality and mitochondrial activity
Rosanne McQuaid (1), Taline Naranian (2), Igor Jurisica (3), Andrea Jurisicova (2)
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute, (3) University Health Network

P4: Pdss2 Deficiency in Preimplanatation Embryos Leads to Developmental Arrest
Kyuunga Kim (1), Andrea Jurisicova (2), Assaf Ben-Meir (2)
(1) Department of Physiology, University of Toronto, (2) Lunenfeld-Tanenbaum Research Institute

P5: Comparison of Hysteroscopic Microinsert Tubal Occlusion with Laparoscopic Tubal Occlusion/Salpingectomy in Management of Hydrosalpinges Prior to IVF
Ritika Arora (1), Kevin Quach (2), Heather Shapiro (3), Kimberly Liu (3), Rebecca Arthur (3), Barbara Cruickshank (3), Ari Baratz (4), Karen Glass (3), Prati Sharma (2), Clifford Librach (3), Ellen Greenblatt (3)
(1) Mount Sinai Hospital, (2) Other, (3) Department of Obstetrics and Gynaecology, University of Toronto, (4) Women’s College Hospital

P6: Polycystic Ovary Syndrome and Recurrent Early Pregnancy Loss – A Canadian Perspective
Akanksha Kulshreshtha
Department of Obstetrics and Gynaecology, University of Toronto
We are pleased to announce the following winners of the 2014 JW Knox Ritchie Research Awards for best abstract/presentation by trainee category and we thank Dean Trevor Young (pictured on the left) for attending the award ceremony, alongside Mark Yudin and Steve Lye.

**Clinical Fellow:**
**Anat Herscu Klement,** (Supervisor: Robert Casper), Fredric Mitri, Alida Pokoradi, Yaakov Bentov, Paul Chang, Dan Nayot, Anne McLeod
*Coagulopathy as a predisposing factor to endometriosis: Evidence from a bleeding questionnaire*

**Claire Jones,** (Supervisor: Howard Berger), Sharon Adams, Louisa Loizides, Meredith Hood
*The Effect of Antenatal Corticosteroids on the Fetal Thymus*

**Post-Doctoral Fellow:**
**Premalatha Shathasivam,** (Supervisor: Theodore Brown), Alexandra Kollara, Maurice Ringuette, Carl Virtanen, Jeffrey Wrana
*VEPH1 Impedes SMAD2 Release from TGF-β Receptor I to Inhibit TGF-β Signaling*

**Resident:**
**Julie Nguyen,** (Supervisor: Lilian Gien), Geneviève Bouchard-Fortier, Marcus Bernardini, Guangming Han
*Uterine Clear Cell Carcinoma: Does Adjuvant Chemotherapy Improve Outcomes?*

**Graduate Student:**
**Kyunga Kim,** (Supervisor: Andrea Jurisicova), Assaf Ben-Meir
*Pdss2 Deficiency in Preimplantation Embryos Leads to Developmental Arrest*

**Medical/Undergraduate Student:**
**Ashley Raeside,** (Supervisor: Rachel Spitzer), Monika Dalmacio, Manavi Handa
*Innovative Prenatal Care Partnerships for Medically Uninsured Pregnant Women*

**Jennifer Power,** (Supervisor: Clifford Librach), Arshia Aziseddin, Shlomit Kenigsberg
*Presence of Luteinizing Hormone Receptor in Exosomes Isolated from Human Follicular Fluid: A Potential Mechanism to Regulate Follicular LH Signaling*
Faculty Development
FACULTY DEVELOPMENT UPDATE

Life-Long Learning – Strategic Plan Priority

The 2014-2015 academic year demonstrated an increased activity with regards to faculty development events in our department. As part of our department’s strategic plan 2014-2018, strengthening the life-long learning community amongst faculty and alumni has been recognized as a major priority. Some of the projects, which have been emphasized in this plan, include the promotion of education scholarship and research, encouragement of promotion based on excellence in teaching and creative professional activity in education, provision of faculty development to facilitate implementation of curricular changes, creation of a collaborative environment regarding planning of CPD events in the Greater Toronto Area and beyond, and exploration of faculty mentorship and wellness models.

Competency Based Education Retreat

On June 19, 2015, the department’s CBME Working Group and Postgraduate Medical Education Committee in collaboration with the Faculty Professional Development Committee, hosted its first CBME Retreat. The objectives of this retreat were to provide information about CBME to the faculty, obtain feedback and advice from faculty members on advancing CBME, and review data from faculty and resident experiences related to the 2014-15 CBME innovations. Dr. Heather Shapiro gave a personal reflection regarding CBME implementation and discussed the gap between the theory and practice of CBME. Our guest speaker, Dr. Sue Takahashi-Glover, gave a review of the basics of CBME, and Dr. Nicolette Caccia presented the results of the CBME pilot project and faculty needs assessment. This retreat gave the faculty participants an opportunity to work in small groups to identify challenges as well as possible solutions related to CBME implementation in our residency program.

The Faculty Professional Development Committee will continue to serve the needs of the department by seeking input from individual faculty members as well as education program leaders regarding their faculty development needs and respond with relevant, practical and timely educational events.
The 2014 Faculty Professional Development Day entitled “Innovation in Medical Education: Embrace the Change – Transform the Culture,” took place on November 11, 2014 at Vaughan Estates, and was attended by 92 faculty members. The program was designed to highlight some innovative developments in the medical education landscape and emphasize the need for faculty members to be receptive to exploring new approaches, reflective in their teaching methods, adaptive to change and accepting of the challenges associated with cultural transformation.

The program objectives included:

» Describe the changes occurring in health professional curricula with respect to competency based medical education and longitudinal integrated clinical clerkships.

» Explore opportunities for career advancement with respect to academic promotion and successfully obtaining research funding.

» Recognize the impact of adverse events on health care providers and develop a culture that promotes health and wellness for health care providers.

» Recognize how reflective practice can impact medical education.

Presentations:

Dr. Brian Hodges delivered the plenary session entitled “(Trans)formation: Learners, teachers, and the 21st Century health professional curricula.” This talk briefly explored the history of models of competence and then examined three domains that are likely to require specific attention in the 21st century - knowledge and its evolution, skills and the ability to perform, and identity and the ability to work in teams. The plenary session was then followed by a series of workshops, listed below:

Dr. Nicolette Caccia gave a workshop entitled “Assessment in Competency-Based Medical Education (CBME)” designed to help faculty members gain knowledge of the basic principles and assessment tools of CBME and the utility of these tools in summative and/or formative assessment.
Drs. Ted Brown and Kellie Murphy gave a workshop entitled “Key Strategies Towards Successful Grant Writing” designed to provide participants with a basic approach to research grant writing and strategies for success in today’s competitive environment.

Drs. Rajiv Shah and Stacey Bernstein gave a workshop entitled “A New Frontier in the Clerkship Year: Launching an Integrated Clerkship at UofT” designed to equip faculty members with an understanding of the longitudinal integrated clerkship and how it applies to Obstetrics and Gynaecology training.

Drs. Richard Pittini and Filomena Meffe gave a workshop entitled “The Pathway to Promotion Based on Excellence in Education” designed to assist those faculty members planning to apply for promotion to Associate and Full Professor on the basis of excellence in education.

Dr. Amy Nakajima gave a workshop entitled “The Second Victim: Running the Gauntlet” to help faculty members recognize the impact of adverse events on health care providers and develop a culture that promotes health and wellness for health care providers.

The key-note lecture was given by Dr. Stella Ng, research director of the Centre for Faculty Development, entitled “Blurring the Lines: Learning from Practice to Inform Education,” which discussed how we learn from practice to inform education.

Presentations of awards and promotions occurred at the end of the day while participants enjoyed a selection of wine and cheese. The overall rating for the event was 4 out of 5, with participants commenting on the excellence in format, improvement in interactivity, relevance of topics, and effective program balance. Participants’ responses to our raffle question regarding a name for our committee resulted in: *Faculty Professional Development Committee.*

Many thanks to those who participated!
Graduation Ceremony & Alumni Event
2014-2015 GRADUATING CLASS

The Graduation Ceremony is one of our most significant and best-attended events! We gathered at the University of Toronto’s Hart House to celebrate the successes of our newly-minted specialists in Obstetrics & Gynaecology together with their colleagues completing clinical fellowships in our subspecialties. They have all contributed substantially to patient care, education, their research, the field of obstetrics and gynaecology, and to the onward growth of our wonderfully rich and diverse Department. Our Clinical and Research Faculty take great pride in their achievements, and wish them well in their future careers.

Congratulations to the following Fellows who have completed subspecialty training in the following programs:

**Advanced High Risk Obstetrics**  
Nirmala Chandrasekaran, Gali Pariente

**Advanced Obstetrics**  
Stefania Ronzoni

**Advanced Obstetrics**  
Rania Okby, Hadar Rosen

**Gynaecologic Reproductive Endocrinology & Infertility**  
Crystal Chan, Claire Jones, Nicole Paterson

**Gynaecologic Endoscopy**  
Priya Sharma

**Gynaecologic Oncology**  
Ruaidhri McVey

**Maternal-Fetal Medicine**  
Hythem Al-Sum, Ryan Hodges, Tiffany Hunter, Lawrence Koby, Elad Mei-Dan, Anne-Maude Morency, Mark Osmond, Karen Wou

**Mature Women’s Health & Menopause**  
Michelle Jacobson, Kelsey Mills

**Minimally Invasive Gynaecologic Surgery**  
Heinrich Husslein, Lindsay Shirreff

**Paediatric & Adolescent Gynaecology**  
Ian Comeau

**Reproductive Sciences**  
Lucy-Ann Behan, Anat Klement, Frederic Mitri, Amir Weintraub

**Reproductive Sciences & Infertility**  
Basheer Al-Kudmani, Tal Lazer

**Urogynaecology & Reconstructive Pelvic Surgery**  
Elham Bamanie, Ashraf Dawood, Yvonne Leong, Salomon Zebede

**Urogynaecology**  
Petrus Kruger

*Royal College of Physicians and Surgeons of Canada accredited*
Congratulations to our OBGYN Resident Graduating Class of 2015:

Kimberly Bremer
Amanda Cipolla
Paulina Cybulska
Courtney Jolliffe
Genevieve Lennox
Brian Liu
Karli Mayo
Heather Millar
Stephen Morris
Muhseen Yusuf

We hope that the graduates will continue to stay in touch with the Department as they embark upon a new chapter in their careers. We expect to see great things from them.

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**Awards**

Resident Award for Excellence in Clerkship Teaching (PGY3) - **Carmen McCaffrey**

Resident Award for Excellence in Clerkship Teaching (PGY4) - **Andrea Simpson**

Resident Award for Excellence in Clerkship Teaching (PGY5) - **Amanda Cipolla**

Dr. Frederick R. Papsin Postgraduate Award - **Amanda Cipolla** and **Heather Millar**

American Association of Gynaecologic Laparoscopists (AAGL) Award - **Stephen Morris**

**Faculty Awards**

CREOG National Faculty Award for Excellence in Resident Education - **Matthew Morton**

Neelam Sierra Resident Advocacy Award - **Deborah Robertson**
Significant Honours & Awards
2014-2015 DEPARTMENT AWARDS

Chair’s Awards
Tatiana Freire-Lizama   Excellence in Undergraduate Teaching
Wendy Whittle       Excellence in Postgraduate Teaching
Sabrina Lee         Excellence in Integrated Undergraduate Education
Wendy Whittle       Excellence in Integrated Postgraduate Education
Modupe Tunde-Byass  Excellence in Postgraduate Program Development/Innovation
Ally Murji          Outstanding Research Potential
Clifford Librach   Sustained Excellence in Research
Theodore Brown     Excellence in Research Facilitation
Nicolette Caccia   Excellence in Postgraduate Program Development and Innovation
Johannes Keunen    Excellence in Continuing Medical Education Teaching
Michele Farrugia    Excellence in Continuing Medical Education Course Coordination

Awards for Undergraduate Teaching Excellence
Carol Wade          Credit Valley Hospital
Kelly Chu           Mississauga Hospital
Elyse Levinsky      Mount Sinai Hospital
Michael Sved        Mount Sinai Hospital
Karthika Devarajan  North York General Hospital
Janet Bodley        Sunnybrook Health Sciences Centre
Adelmo Martoglio    St. Michael’s Hospital
Alice Pham          St. Joseph’s Health Centre
Roberta Mackenzie   Toronto East General Hospital

Master Teacher Award
Adelmo Martoglio
EXTERNAL HONOURS AND AWARDS

Faculty Awards

**Elyse Lackie**  
Regional Professional Development Grant  
Royal College of Physicians and Surgeons of Canada

**Andras Nagy**  
Canada Research Chair in Stem Cells and Regeneration - Tier 1 (renewal)  
Government of Canada

**Deborah Robertson**  
Paul McLeary Award for Education promotion in our department, June 2015  
St. Michael’s Hospital, Department Ob/Gyn

Staff Awards

**Caroline Sutherland**  
Lois Ross CAIR Award for Service to Residents  
February 2015
**TRAINEE AWARDS**

**Mahmoud Arabi**  
Travel Award  
Society of Male Reproduction and Urology, ASRM  
October 2014

**Arshia Azzizedan**  
Travel Award for Best Basic Science Abstract  
Canadian Fertility and Andrology Society  
September 2014

**Buddy Bao**  
Summer Undergraduate Research Program Award  
University of Toronto  
May 2015 - August 2015

**Bahar Behrouzi**  
D+H SRI Summer Student Research Program Award  
Sunnybrook Research Institute  
May 2014 - August 2014

**Michael Chaikof**  
Best Clinical Abstract Award  
Canadian Fertility and Andrology Society  
September 2014

**Nikki Legro**  
Summer Undergraduate Research Program Award  
Institute of Medical Science  
May 2014 - August 2014

**Alexandra Lucato**  
Ted Rogers Centre for Heart Research Scholar Award  
University of Toronto  
May 2015 - August 2015

**Prem Nichani**  
D+H SRI Summer Student Research Program Award  
Sunnybrook Research Institute  
May 2015 - August 2015

**Russell Yanofsky**  
Ted Rogers Centre for Heart Research Scholar Award  
University of Toronto  
May 2015 - August 2015
Research Grants and Investigations
Over $10,000
PI=Principal Investigator


Burchell A (PI), Loutfy MR, Yudin MH. Improving access for Papanicolaou testing for women with HIV through nursing scope optimization: a pilot project. Women's College Hospital, Innovation Funds Grant. $30,000. 2015 – 2016.

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.

Caniggia I (PI), Bhattacharjee J. The role of Mcl-1 in regulating placental cell fate. Canadian Institutes of Health Research (CIHR) HOPE-Scholarship. $64,000. September 2011 – August 2015.


Caniggia I (PI). The Dynamic Role of the Oxygen/TGFß Axis in Regulating Sphingolipid Metabolism during Placental Development. Natural Sciences and Engineering Research Council (NSERC) Discovery Grant. $150,000. April 2015 – March 2020.


Dalfen A (PI), Lawson A, Murphy KE. The use of text messaging to improve mental health screening in new mothers: A pilot study using mobile phone messaging services. Academic Hospital Science Centres (AHSC), Alternative Funding Program (AFP). $12,000. 2014 - 2015.


Hodges R (PI), Kingdom J (Co-PI). Fetal haemodynamic response to betamethasone in fetuses with severe early onset IUGR. Department of Obstetrics & Gynaecology, Mount Sinai Hospital/University Health Netowrk, Research Fund. 10,000. July 2014 - June 2015.


Jumah NA (PI), Kahan M, Bruni T, Bishop D. Nortwestern Ontario


Loutfy MR (PI), Becker M (PI), Bourassa C (PI), Bruce SG (PI), Greene S (PI), Kaida AK (PI), de Pokomandy A, (PI) Angel JB, Antoniou T, Archibald CP, Bauer GR, Beaver


Lye SJ (PI), Adason L, Matthews S, Pennell C. A Murine Model to Investigate the Mechanisms Underlying DOHaD. Canadian Institutes of Health Research (CIHR), Operating Grant. $910,852. October 2009 – September 2014.


McDonald SD, Beyene B, Giglia L, Maxwell C. Synthesizing the Best evidence for weight gain during pregnancy in obese women: were the national guidelines excessive? Canadian Institutes of Health Research (CIHR). $100,000. 2014 – 2015.


Miller SP (PI), Seed M (PI), Blaser S, Brant R, Chau V, Hickey E, Ly L, Kingdom J, Macgowan C, Schwartz S, Sled J. The ProSPAR Study: Progesterone
(CIHR), Terry Fox Foundation New Frontiers Program Project Grant. $6,988,175. July 2010 – July 2015.


Serghides L (PI), Kibschull M, Papp E, Shynlova O, Silverman M. HIV antiretrovirals and their impact on sex steroids during pregnancy; a potential mechanism for the increased adverse pregnancy outcomes in women with HIV. Canadian Institutes of Health Research (CIHR), Operating Grant. $209,152. October 2013 – September 2018.


Shehata N (PI), Malinowski AK. Effectiveness of a risk score assessment for determining the need for DVT prophylaxis after caesarean section. Alexandra Yeo Chair Grant in Benign Hematology, Division of Hematology Research Committee. $17,500. December 2014 - December 2015.


INDUSTRY GRANTS


**Josse R** (Co-PI), **Derzko C**, Rubin L. A randomized double-blind study to evaluate the safety and efficacy of Denosumab compared with Zolendronic Acid in postmenopausal women with osteoporosis previously treated with oral bisphosphonates. Amgen Protocol 20110153. $110,000. 2014 - 2015


**Vigod S** (PI), **Murphy KE**, Dennis CL, Daskalakis Z, Ray JG, Oberlander TF, Dalfen A, **Seaward PG**. Transcranial Direct Current Stimulation (tDCS) for Depression in Pregnancy. Canadian Institutes of Health Research (CIHR), Sick Kids Foundation. $113,274. January 2014 - December 2015


**Exploring continuity, integration, context and curriculum during Longitudinal Integrated Clerkship (LIC) Training.** Faculty of Medicine, University of Toronto, Dean’s Education Development Fund. $19,075. July 2014 - June 2015.


**Rogers IM** (Co-PI), Lee P. Does Nitric Oxide supplementation increase stem cell survival and proliferation? Center for the commercialization of regenerative medicine (CCRM). $10,000. December 2013 – December 2014.
Peer-Reviewed Publications
This publication uses the Index Medicus style of citation.


Association between gestational age at birth, antenatal corticosteroids, and outcomes at 5 years: Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study at 5 years of age (MACS-5). BMC Pregnancy Childbirth 2014 Aug;14:272.


Casper RF. Introduction: Gonadotropin-releasing hormone agonist


Kolomietz E, Maire G, Nanji S, Chang MC, Vlasschaert M, Dodge J, Colgan TJ. What are the benefits and barriers to the adoption of a placental molar disease diagnos-


BOOKS AND BOOK CHAPTERS

Books


Book Chapters


Invited Lectures and Visiting Professorships
Allen L. Ovarian Masses and De-mystifying Torsion - Sparing the Ovary at Surgery. 29th Annual Clinical Meeting, North American Society of Pediatric and Adolescent Gynaecology (NASPAG). Orlando, FL, USA, 17 April 2015.


Casper RF. Mitochondrial nutrients to energize old eggs. Middle East Fertility Society (MEFS) 21st Annual Meeting. Abu Dhabi, United Arab Emirates, 26 September 2014.


Casper RF. Present and future uses of umbilical cord blood cells. Middle East Fertility Society (MEFS) 21st Annual Meeting. Abu Dhabi, United Arab Emirates, 26 September 2014.


Drutz H. IUGA at 40. 40th ACM IUGA, Nice, France, June 2015.

Drutz H. Urogynecology in Canada: Where did it come from? Where is it at? Where does it need to go? Western Society of Pelvic Medicine (WSPM) Annual spring meeting, Calgary, AB, Canada, April 2015.


Farine D. Auscultation in Labour is the Recommended Technique by ACOG, RCOG and SOGC while 90% are Monitored Electronically, Why? The 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Guilin, China, 7 May 2015.


Farine D. Already Brain Damaged Upon Admission: Can we Diagnose? The 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Guilin, China, 7 May 2015.

Farine D. Delivery in the Morbid Obese Patient. Birth - Clinical Challenges in Labour and Delivery, Fortaleza, Taiwan, Province Of China, 7 March 2015.

Farine D. Should An Admission NST/CTG be Performed on all Patients? Birth - Clinical Challenges in Labour and Delivery, Fortaleza, Brazil, 6 March 2015.

Farine D. When Does the Active Phase of Labour Begin - and do we Really Know When it Ends? Birth - Clinical Challenges in Labour and Delivery, Fortaleza, Brazil, 5 March 2015.


Farine D. Auscultation in Labour is the Recommended Technique by ACOG, RCOG and SOGC while 90% are Monitored Electronically, Why? The 20th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Paris, France, 5 December 2014.


Farine D. Decreased Fetal Movements in Pregnancy: Is Ultrasound the Key for Management. 5th Biannual National Congress, Hellenic Society for Ultrasound in Ob/Gyn, Athens, Greece, 14 November 2014.
Farine D. Therapeutic Decision in the Management of PPH. 8th World Congress of Perinatal Medicine in Developing Countries, Cancun, Mexico, 6 September 2014.

Farine D. Monitoring Fetal Movements. 8th World Congress of Perinatal Medicine in Developing Countries, Cancun, Mexico, 5 September 2014.

Farine D. The Optimal Caesarean Section Rate. 8th World Congress of Perinatal Medicine in Developing Countries, Cancun, Mexico, 4 September 2014.

Farine D. The Impact of Nutrition about the Adult’s Health. 8th World Congress of Perinatal Medicine in Developing Countries, Cancun, Mexico, 3 September 2014.


Kingdom J. Is Screening for “Placental Health” a Realistic Goal in Obstetrics? Integrative and Global Approaches in Reproductive Sciences C. S. Wayne State University and University of Toronto Joint Scientific Retreat. Detroit, MI, USA, 29 April 2015.


Moskovtsev S. Laboratory evaluation of male fertility. Mott Center Scientific Retreat, Wayne State University, Detroit, MI, USA, 25 August 2014.

Okun N. Clinical Considerations for incorporating NIPT into your practice. The 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Guilin, China, May 2015.

Okun N. ART and obstetrical outcomes: An update. 4th Chinese Congress of Fetal Medicine, Shanghai 1st Maternity and Infant Hospital fo Tongji University, Shanghai, China, July 2014.

Okun N. Prenatal Screening/Diagnosis in 2014: The Ontario experience of NIPT. 4th Chinese Congress of Fetal Medicine, Shanghai 1st Maternity and Infant Hospital fo Tongji University, Shanghai, China, July 2014.

Pairaudeau NVJ. Bethune Lectures in China 2014: C section after 45 years; The Maternal New Born Program at North York General Hospital; Why a Robot; The Surgical Check list 2014; Hysteroscopy complications and how to avoid them; MIS complications. Yinkou Development Hospital, Liaoning Province, China, 2-3 June 2015.

Pairaudeau NVJ. Bethune Lectures in China 2014: C section after 45 years; The Maternal New Born Program at North York General Hospital; Why a Robot; The Surgical Check list 2014; Hysteroscopy complications and how to avoid them; MIS complications. Zigong First Peoples Hospital, Sichuan Province, China, 3-5 June 2015.

Pairaudeau NVJ. Bethune Lectures in China 2014: C section after 45 years; The Maternal New Born Program at North York General Hospital; Why a Robot; The Surgical Check list 2014; Hysteroscopy complications and how to avoid them; MIS complications. Xian, Shanxi Province, China, 6-8 June 2015.

Pairaudeau NVJ. Bethune Lectures in China 2014: C section after 45 years; The Maternal New Born Program at North York General Hospital; Why a Robot; The Surgical Check list 2014; Hysteroscopy complications and how to avoid them; MIS complications. Beijing Ditan Hospital, Beijing, China, 9-10 June 2015.


Rosen B. Quality Diagnosis and Treatment: Doing the Right Things Right. World Cancer Day - Canadian Partnership Against Cancer (CPAC). Toronto, ON, Canada, 4 February 2015.

Ryan G. Fetal Genitourinary Disease including diagnosis, evaluation, treatment (shunt, cystoscopy, open) and amnioprt. CHOP, Cincinnnati, OH, USA, 25 February 2015.

Ryan G. Stage 1 TTTS - To Treat or not to Treat; Minimally Invasive Fetal Therapy. Fetal Care Symposium - Washington University in St. Louis, St. Louis, MI, USA, 7 November 2014.

Ryan G. TTTS: Diagnosis to prenatal management; Fetal Therapy; Complication of MC twins. Royal Hospital for Women, Department of Women’s & Children’s Health, University of New South Wales, Sydney, NSW, Australia, 5 August 2014.

Ryan G. Sacrococcygeal tumors; Fetal Diagnostic Unit; Fetal shunts (urinary and chest); Introduction to the VFTS. TAPS, Complicated monochorionic twins; Fetal Diagnostic Day. Monash University, Melbourne, VIC, Australia, 31 July 2014.

Ryan G. ISPD; Monochorionic twins; TTTS: Diagnosis to prenatal management; Prenatal diagnosis and fetal therapy for thoracic anomalies. 18th International Conference on Prenatal Diagnosis and Therapy, Brisbane, QLD, Australia, 20-23 July, 2014.


Vicus D. Mucosal melanoma. NRG Oncology semi-annual meeting Rare Tumour Committee, San Diego, CA, USA, 2014.
NATIONAL

Berger H. Workshop: Dilemmas in pregnancy and diabetes. 2015 SOGC Annual Clinical Meeting, Quebec City, QC, Canada, 10 June 2015.

Casper RF. Autologous mitochondrial injection to increase energy in oocytes. 4th Canadian Embryology Summit, Toronto, ON, Canada, 30 May 2015.

Ferguson S. Universal Screening for Lynch Syndrome in Women with Endometrial and Non-Serous Ovarian Cancer. Terry Fox Research Institute C4 In-Person Investigator Meeting, Toronto, ON, Canada, 10 December 2014.


Maxwell C. CAG CPG for the Management of Inflammatory Bowel Disease in Pregnancy “Issues during Delivery for Pregnant Women with IBD.” Canadian Association of Gastroenterology, Toronto, ON, Canada, 27 March 2015.

Moskovtsev S. Laboratory evaluation of male fertility: learning from the basic science. Centre de Recherche en Biologie de la Reproduction Réseau Québécois en Reproduction, Laval Université, Québec City, Québec, Canada, 29 May, 2015.

Robertson D. Vulvar Health Everything you need to know to survive in clinic. Annual SOGC Meeting, Quebec City, QC, Canada, June 2015.

Robertson D. Chirurgies cosmetiques vulvaires les controverses (French presentation). SOGC Quebec CME, Quebec City, QC, Canada, October 2014.

Selk A. CIN 1; Where to Biopsy. Society of Obstetrics and Gynecology 71st Annual Clinical & Scientific Conference, Quebec, City, QC, Canada, 9 June 2015.


Berger H. Riding the wave (form) – a practical guide for doppler assessment in low and high risk pregnancies. Grand Rounds, Royal Victoria Regional Health Centre, Barrie, ON, Canada, 4 June 2015.

Berger H. Adopting the FIGO initiative for a unified approach to the diagnosis of GDM. UofT DIPSG Rounds, ON, Canada, 13 May 2015.

Berger H. New GDM Criteria. Grand Rounds, Toronto East General Hospital, ON, Canada, 29 April 2015.

Berger H. NIPT shall replace Ultrasound in Obstetric Care. 18th Annual Obstetric Ultrasound: Setting the Standard for 2015 Conference, ON, Canada, 21 February 2015.

Berger H. The impact of the new CDA screening guidelines on practices and incidence of GDM in Canada. UofT DIPSG Rounds, ON, Canada, 14 January 2015.

Berger H. Management of GDM - Fetal surveillance, timing and mode of delivery. ON CME 2014 SOGC, Toronto, ON, Canada, 5 December 2014.


Cheng MML. Abnormal bleeding – Diagnosis and Management. OBS/GYN Update, The Scarborough Hospital, Scarborough, ON, Canada, 28 February 2015.


D’Souza R. Using Decision Analysis to Determine the Optimal Method of Anticoagulation in Pregnant Women with Mechanical Heart Valves. THETA Monthly Student Rounds, University Of Toronto. Toronto, ON, Canada, 7 May 2015.


D’Souza R. Pregnancy Associated Hypertension, Prematurity, Intrauterine Growth Restriction/Low Birth Weight, Obstetrical Complications. Fusion Week lecture Series, University of Toronto, Toronto, ON, Canada, 10 April 2015.


Farine D. Fetal Surveillance. Refresher in Primary Maternity Care, Toronto, ON, ON, Canada, 5 June 2015.

Farine D. Ten Easy Ways to be Sued and Lose the Case. North York General Hospital, Toronto, ON, Canada, 26 May 2015.


Freire-Lizama T. Quality Care Committee – Stillbirths. Grand Rounds, Department of Obstetrics and Gynecology, St. Michael’s Hospital, University of Toronto, ON, Canada, 22 May 2015.


Gien LT. Ovarian cancer - most common myths. Ovarian Cancer Canada, Odette Cancer Centre, Toronto, ON, Canada, 9 May 2015.


Kingdom J. Lessons from the Placental Health Study. 2014 Fetal Medicine Update Focus on Stillbirth, Pre-Eclampsia, IUGR and Doppler. Toronto, ON, Canada, 21 November 2014.

Kingdom J. Preeclampsia/IUGR/Stillbirth. MMMD (Mechanisms, Manifestations and Management of Disease) Course, Faculty of Medicine, University of Toronto. Toronto, ON, Canada, 3 November 2014.


Kingdom J, Ryan G. The Quiz - Answers and Interactive Discussion. 2014 Fetal Medicine Update Focus on Stillbirth, Pre-Eclampsia, IUGR and Doppler. Toronto, ON, Canada, 22 November 2014.


Jones C. Panel discussion on career planning for residents in Obstetrics and Gynaecology at the University of Toronto. Invited Speaker. Annual Obstetrics and Gynaecology Resident Retreat, Toronto, ON, Canada, 2015.


Kroft J. Surgical management of endometriosis: how to optimize your treatment success. University of Toronto Division of Minimally Invasive Gynaecologic Surgery CME. Toronto, ON, Canada, 20 September 2014.

Laframboise S. Ovarian Cysts: When Should I be Worried? Women’s Health Symposium - St. Michael’s Hospital. Toronto, ON, Canada, 6 February 2015.

Lausman A. Fetal Heart-Rate Monitoring. PGY1 Boot Camp, St. Michael's Hospital, Toronto, ON, Canada, 26 June 2015.

Lausman A. IUGR Guidelines. Toronto Birth Conference, ON, Canada, 6 November 2014.

Lye SJ. Inflammatory Pathways and Preterm Birth: Mechanisms, Diagnostics and Therapeutics. Department of Biology, York University, Toronto, ON, Canada, 17 November 2014.

Malinowski AK. Sickle Cell Disease in Pregnancy. Obstetric Medicine Rounds - Mount Sinai Hospital, Toronto, ON, Canada, 10 April 2015.


Maxwell C. The Obese Gravida: Planning for Delivery. 2015 Refresher In Primary Maternity Care, Toronto, ON, Canada, 5 June 2015.


Maxwell C. Introduction to MFM Fellowship Program. Career Night: Investing in the Future Leaders of MFM in the GTA. Department of Obstetrics and Gynaecology, University of Toronto, Toronto, ON, Canada, 24 November 2015.

May T. Advances in surgical management of women with advanced ovarian carcinoma. Etobicoke, ON, Canada, 21 May 2015.

McDermott C. Botox and the Pelvic Floor. SMH Women’s Health Symposium, St. Michael’s Hospital, Toronto, ON, Canada, February 2015.

McDermott C. Laparoscopy in FPMRS. University of Toronto, Department of Obstetrics and Gynaecology, 1st Annual MIGS Conference, Toronto, ON, Canada, September 2014.

Meffe F, Pittini R. Promotion Based on Sustained Excellence in Teaching. Faculty Professional Development Day, Department of Obstetrics and Gynaecology, Faculty of Medicine, University of Toronto, Toronto, ON, Canada, 11 November 2014.

Moskovtsev S. Spermatogenesis PSL 420F/1420F Reproductive Physiology, Department of Physiology, University of Toronto, Toronto, ON, Canada, 2015.

Moskovtsev S. Spermatogenesis PSL 420F/1420F Reproductive Physiology, Department of Physiology, University of Toronto, Toronto, ON, Canada, 2 October 2014.

Murphy J. Impact of a Regional Surgical Robotics Program for Gynaecologic Oncology Patients. Trillium Health Partners. Mississauga, ON, Canada, 22 September 2014.

Murphy KE. TORCH Infections in Pregnancy. Infectious Diseases/Microbiology. Seminar, Toronto General Hospital, Toronto, ON, Canada, January 2015.

Murphy KE, Gandhi S. Update on Preeclampsia: What Every Internist Needs to Know. Grand Rounds, Mount Sinai Hospital, Toronto, ON, Canada, November 2014.

Murphy KE, Brown T. Workshop - Grant Writing. Faculty Development Day, University of Toronto, Toronto, ON, Canada, 11 November 2014.

Okun N, Sroka H, Carroll J. Panel Discussion - The changing world of genetics: how you counsel your patients. 13th Annual Refresher in Primary Maternity Care Conference, Mount Sinai Hospital, Toronto, ON, Canada, 5 June 2015.

Okun N. First Trimester Screening. Fetal Teaching Session, SickKids, Toronto, ON, Canada, 16 April 2015.


Pittini R. Presented background on examination question writing, interactive workshop. MMMD Faculty Development Retreat. Course Directors, Toronto, ON, Canada, 16 June 2015.

Robertson D. Vulvar Quiz. SMH Women’s Health Symposium, St. Michael’s Hospital, Toronto, ON, Canada, February 2015.

Rosen B. Global Outreach. Princess Margaret Special Rounds. Toronto, ON, Canada, 4 February 2015.

Ryan G. 8th Annual Obstetric Ultrasound “Setting the Standard for 2015.” University of Toronto Departments of Obstetrics & Gynaecology and Medical Imaging, Toronto, ON, Canada, 20 February 2015.

Ryan G. Fetal Genitourinary Disease including diagnosis, evaluation, treatment (shunt, cystoscopy, open) and amnioport. Cincinnati Children’s Hospital Internet based Conference at the Hospital for SickKids, Toronto, ON, Canada, 29 January 2015.


Ryan G. Fetal Medicine Update. University of Toronto, Department of Obstetrics & Gynaecology and Mount Sinai Hospital, Toronto, ON, Canada, 21 November 2014.

Satkunaratnam A. Anatomy for the minimally invasive surgeon. Laparoscopic suturing faculty. APOG faculty course, Toronto, ON, Canada, December 2014.

Satkunaratnam A. Essential anatomy for the Laparoscopic Surgeon. University of Toronto, Department of Obstetrics and Gynaecology, 1st Annual MIGS Conference, Toronto, ON, Canada, September 2014.

Satkunaratnam A. Advanced Ambulatory Procedures-Hysteroscopic sterilization and advanced hysteroscopic myomectomy/polypectomy. University of Toronto, Department of Obstetrics and Gynaecology, 1st Annual MIGS Conference, Toronto, ON, Canada, September 2014.

Selk A. Vulvar Dermatology: A Crash Course For The ObGyne. Women’s College Hospital, Gynecology Grand Rounds, Toronto, ON, Canada, 9 April 2015.

Vicus D. Controversies in gynaecologic oncology. Toronto, ON, Canada, 26 November 2014.
Windrim R. 18th Annual Obstetric Ultrasound “Setting the Standard for 2015.” University of Toronto Departments of Obstetrics & Gynaecology and Medical Imaging, Toronto, ON, Canada, 20 February 2015.

Windrim R. Placenta Praevia and Accreta. University of Toronto Departments of Obstetrics & Gynaecology and Medical Imaging, Toronto, ON, Canada, 20 February 2015.

Windrim R. Ultrasound of the Cervix and Placenta - WORKSHOP. University of Toronto Departments of Obstetrics & Gynaecology and Medical Imaging, Toronto, ON, Canada, 20 February 2015.

Windrim R. Abnormal Labour and Emergencies to Senior Medical Students, University of Toronto, Department of Obstetrics & Gynaecology, Toronto, ON, Canada, 27 January 2015.

Windrim R. Obstetrical Malpractice “A Survival Guide for 2015.” University of Toronto and Mount Sinai Hospital, Department of Obstetrics & Gynaecology, Toronto, ON, Canada, 17 January 2015.

Windrim R. IUGR & Doppler. University of Toronto, Department of Obstetrics & Gynaecology and Mount Sinai Hospital, Toronto, ON, Canada, 15 December 2014.

Windrim R. Abnormal Labour and Emergencies, Senior Medical Students, Maternal-Fetal Medicine, Department of Obstetrics & Gynaecology, Faculty of Medicine. Location of Teaching: Mount Sinai Hospital, 12 December 2014.

Windrim R. Breech: Hands-on, not a hand-up! Ontario SOGC CME, Toronto, ON, Canada, 4 December 2014.

Windrim R. Practical Tips for Obtaining Good Doppler Waveforms. University of Toronto, Department of Obstetrics & Gynaecology and Mount Sinai Hospital, Toronto, ON, Canada, 22 November 2014.

Windrim R. Abnormal Labour and Emergencies. University of Toronto, Department of Obstetrics & Gynaecology, Toronto, ON, Canada, 20 October 2014.

Windrim R. Overuse of oxytocine in Labour: less is more. UofT & Mount Sinai Hospital, Toronto, ON, Canada, 27 September 2014.

Windrim R. 12th University of Toronto Obstetric Anesthesia Conference. UofT & Mount Sinai Hospital, Toronto, ON, Canada, 26 September 2014.

Windrim R. Abnormal Labour and Emergencies Part II. University of Toronto, Department of Obstetrics & Gynaecology, Toronto, ON, Canada, 2 September 2014.


Windrim R. NAIT and HDFN. UHN - Princess Margaret Hospital, Toronto, ON, Canada, 19 July 2014.


Yudin MH. Wet mount 101- making the diagnosis. St. Michael’s Hospital Annual Women’s Health Symposium. St. Michael’s Hospital and University of Toronto Department of Obstetrics and Gynecology, Toronto, ON, Canada, 6 February 2015.


Oral and Poster Presentations
**ABSTRACT PRESENTATIONS - INTERNATIONAL**


Baczyk D, Audette MC, Kingdom J. Spatiotemporal Distribution of SUMOylation Components During Human Placental Development. Society for Reproductive Investigation (SRI) 62nd Annual Scientific Meeting “Immunology and Women’s Health”. San Francisco, CA, USA, March 2015.


Kibschull M, Lye SJ, Okino ST, Sarras H. From micro samples to large scale gene expression data: A novel workflow for rapid and accurate qPCR analysis from stem cell cultures using multiplex pre-amplification. Scientific Retreat: Integrative and Global Approaches in Reproductive Sciences, C.S. Wayne State University and University of Toronto Joint Retreat, Detroit, MI, USA, 28-29 April 2015.

Kibschull M, Lye SJ, Okino ST, Sarras H. From cultures to results in one day: A new workflow for accurate and reproducible large scale qPCR expression analysis from limited samples in stem cell research. 7th International qPCR & NGS 2015 Event, Freising-Weihenstephan, Germany, 24 March 2015.


Lee D, Nevo O. Altered gene expression in microvascular endothelial cells isolated from preeclamptic patients. SMFM, San Diego, CA, USA, 2 February 2015.


Wright S, Judson J, Pittini R. Utilizing the borderline regression method to enhance feedback to 1st year medical students. AMEE, Milan, Italy, 3 September 2014.

ABSTRACT PRESENTATIONS - NATIONAL


Howard F, Scheiber M, Bernstein S, Bryden P, Pittini R. The impact of making completion of course and teacher evaluations by medical students a course requirement at the University of Toronto. CCME, Vancouver, BC, Canada, 26 April 2015.


Pittini R, Wright S, Hudson J. Utilizing the Borderline Regression Method to Identify First Year Students Struggling with Clinical Skills. CCME, Vancouver, BC, Canada. 26 April 2015.


Serghides L, Walmsley S, Murphy KE, Yudin M, Shah R, Loutfy M. Low prolactin and high 20alpha-hydroxysteroid dehydrogenase may contribute to cART-induced progesterone deficits in pregnancy. 24th Annual Canadian Conference on HIV/AIDS Research, CAHR, Toronto, ON, Canada, 30 April 2015.


OTHER PRESENTATIONS - INTERNATIONAL

Alarab M. Basic Science Workshop. 40th ACM IUGA, Nice, France, June 2015. (Workshop)


Kroft J. Advanced Laparoscopic Suturing. Society of Laparoendoscopic Surgeons. USA, 10 September 2014. (Invited Facilitator)


OTHER PRESENTATIONS - NATIONAL


Casper RF. Dr. Robert Casper discusses the new AUGMENT fertility treatment. 1310 News, Toronto, ON, Canada, 22 December 2014. (Media Appearance – Radio Interview)

D’Souza R. Contemporary Methods of Anticoagulation for Pregnant Women with Mechanical Heart Valves. UofT iHPME Research Day. Toronto, ON, Canada, 6 May 2015. (Presenter)

Hadar R, Farine D. Internet: Patterns of Internet Use by Obstetrical Patients in the Digital Age. Canadian National Perinatal Research Meeting, Montebello, QC, Canada, 24 February 2015. (Poster Presentation)

Jones C, Bohnen J, Anderson G, Shapiro H. LEAD Program Session on Obstetrical Resource Management. Academic half-day teaching session for residents in Obstetrics and Gynaecology, University of Toronto, Toronto, ON, Canada, 2014. (Program Designer and Session Facilitator)

Jones C, Bohnen J, Anderson G, Shapiro H. LEAD Program Session on Leadership Skills: a case based teaching session on the gynecology ward. Academic half-day teaching session for residents in Obstetrics and Gynaecology, University of Toronto, Toronto, ON, Canada, 2014. (Program Designer and Session Facilitator)


Jumah NA. Rushwan H. Tackling taboos: Understanding the complexities of adolescent reproductive health in low-resource countries. 70th SOGC Annual Clinical and Scientific Meeting, Niagara Falls, ON, Canada, 11 June 2014. (Best practices session)

Kemeny B, Bishop L, Jumah NA. Encounters in Bioethics: Ethical Issues in Midwifery Care. Lakehead University Centre for Health Care Ethics, Thunder Bay, ON, Canada, 18 February 2015. (Panel Presentation)


Kingdom J. Screening for pre-clampsia is a complete waste of time Ahmet Baschat vs. John Kingdom. 2014 Fetal Medicine Update Focus on Stillbirth, Pre-Eclampsia, IUGR and Doppler. Toronto, ON, Canada, 21 November 2014. (Lunchtime Debate)

Kingdom J, Baschat A, Windrim R, Ryan G. Difficult Cases. 2014 Fetal Medicine Update Focus on Stillbirth, Pre-Clampsia, IUGR and Doppler. Toronto, ON, Canada, 22 November 2014. (Interactive session with videos and panel discussion)

Kroft J. Endometriosis. CTV News, Toronto, ON, Canada, 25 March 2015. (Media Appearance – TV Interview)


Rattray D, Liu G, Jumah NA. Fibroids that cause AUB – Novel approaches to deal with an age old problem. 70th SOGC Annual Clinical Meeting, Niagara Falls, ON, Canada, 13 June 2014. (Best practices session)


Ternamian A. The Therapeutic Value of GnRH Agonists in Gynecology. Toronto, ON, Canada, 7 October 2014. (Lecture for Residents and Practitioners)
# COMMON ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
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<tbody>
<tr>
<td>AACR</td>
<td>American Association for Cancer Research</td>
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<tr>
<td>AAGL</td>
<td>American Association of Gynecologic Laparoscopists</td>
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<tr>
<td>AAP</td>
<td>American Academy of Pediatrics</td>
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<td>ACOG</td>
<td>American Congress of Obstetricians and Gynecologists</td>
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<td>ACS</td>
<td>American Cancer Society</td>
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<tr>
<td>AEPC</td>
<td>Association for European Paediatric Cardiology</td>
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<td>AHA</td>
<td>American Heart Association</td>
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<tr>
<td>AHFMR</td>
<td>Alberta Heritage Foundation for Medical Research</td>
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<tr>
<td>AHSC</td>
<td>Academic Health Sciences Centres</td>
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<tr>
<td>AIUM</td>
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<tr>
<td>AMPATH</td>
<td>Academic Model Providing Access to Healthcare</td>
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<td>Association of Professors of Gynecology and Obstetrics</td>
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<td>APOG</td>
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<tr>
<td>ASBMR</td>
<td>American Society for Bone and Mineral Research</td>
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<td>ASCCP</td>
<td>American Society for Colposcopy and Cervical Pathology</td>
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<td>ASCP</td>
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<td>ASCO</td>
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<tr>
<td>ASHG</td>
<td>American Society of Human Genetics</td>
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<tr>
<td>ASRM</td>
<td>American Society for Reproductive Medicine</td>
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<tr>
<td>AWHONN</td>
<td>Association of Women's Health, Obstetric and Neonatal Nurses</td>
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<tr>
<td>BICOOG</td>
<td>British International Congress of Obstetrics and Gynaecology</td>
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<tr>
<td>CFAS</td>
<td>Canadian Fertility and Andrology Society</td>
</tr>
<tr>
<td>CAGS</td>
<td>Canadian Association of General Surgeons</td>
</tr>
<tr>
<td>CAHR</td>
<td>Canadian Association of HIV Research</td>
</tr>
<tr>
<td>CAHSPR</td>
<td>Canadian Association for Health Services and Policy Research</td>
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<tr>
<td>CanDIPS</td>
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<td>CANN</td>
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<tr>
<td>CANPAGO</td>
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<td>CAPHC</td>
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<tr>
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<td>CAR</td>
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<td>CARO/ACRO</td>
<td>Canadian Association of Radiation Oncology</td>
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<tr>
<td>CBCF</td>
<td>Canadian Breast Cancer Foundation</td>
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<tr>
<td>CBCRA</td>
<td>Canadian Breast Cancer Research Alliance</td>
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<td>CCASN</td>
<td>Canadian Congenital Anomalies Surveillance Network</td>
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<tr>
<td>CCC</td>
<td>Canadian Cardiovascular Congress</td>
</tr>
<tr>
<td>CCHCSP</td>
<td>Canadian Child Health Clinician Scientist Program</td>
</tr>
<tr>
<td>CFPC</td>
<td>College of Family Physicians of Canada</td>
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<tr>
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<td>Canadian Conference on Medical Education</td>
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<tr>
<td>CCMG</td>
<td>Canadian College of Medical Geneticists</td>
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<tr>
<td>CCMS</td>
<td>Chinese Canadian Medical Society (Ontario)</td>
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<tr>
<td>CCOCCR</td>
<td>Canadian Conference on Ovarian Cancer Research</td>
</tr>
<tr>
<td>CCSRI</td>
<td>Canadian Cancer Society Research Institute</td>
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<tr>
<td>CDA</td>
<td>Canadian Diabetes Association</td>
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<tr>
<td>CEPD</td>
<td>Continuing Education and Professional Development (University of Toronto)</td>
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<td>CERI</td>
<td>Canadian Epilepsy Research Initiative</td>
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<tr>
<td>CFPC</td>
<td>College of Family Physicians of Canada</td>
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<tr>
<td>CFRC</td>
<td>Centre for Fertility and Reproductive Care (MSH)</td>
</tr>
<tr>
<td>Acronym</td>
<td>Full Name</td>
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<tr>
<td>CHI</td>
<td>Canada Health Infoway</td>
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<tr>
<td>CHU</td>
<td>Centre hospitalier universitaire Sainte-Justine</td>
</tr>
<tr>
<td>CIHR</td>
<td>Canadian Institutes of Health Research</td>
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<tr>
<td>CMAS</td>
<td>The Centre for Minimal Access Surgery</td>
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<tr>
<td>CMICR</td>
<td>The Centre for Mother, Infant, and Child Research</td>
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<tr>
<td>COGI</td>
<td>World Congress on Obstetrics, Gynecology and Infertility</td>
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<tr>
<td>COMEGO</td>
<td>Colegio Mexicano de Especialistas en Ginecología y Obstetricia, A.C.</td>
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<tr>
<td>COSA</td>
<td>Clinical Oncological Society of Australia</td>
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<td>CPA</td>
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<td>CPS</td>
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<td>CREOG</td>
<td>Council on Resident Education in Obstetrics and Gynecology</td>
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<td>Canadian Society for Transfusion Medicine</td>
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<td>CTN</td>
<td>CIHR Canadian HIV Trials Network</td>
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<td>Canadian Urologic Association</td>
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<tr>
<td>DPSG</td>
<td>Diabetic Pregnancy Study Group</td>
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<tr>
<td>EASD</td>
<td>European Association for the Study of Diabetes</td>
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<tr>
<td>ECNP</td>
<td>European College of Neuropsychopharmacology</td>
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<tr>
<td>EORTC</td>
<td>European Organisation for Research and Treatment of Cancer</td>
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<tr>
<td>EPA</td>
<td>European Placenta Group</td>
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<tr>
<td>ESC</td>
<td>European Society of Cardiology</td>
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<tr>
<td>ESGE</td>
<td>European Society for Gynaecological Endoscopy</td>
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<tr>
<td>ESHRE</td>
<td>European Society of Human Reproduction and Embryology</td>
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<tr>
<td>FAIS</td>
<td>Federation of African Immunological Societies</td>
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<td>FAOPS</td>
<td>Federation of Asian and Oceania Perinatal Societies</td>
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<tr>
<td>FCMS</td>
<td>Federation of Chinese American and Chinese Canadian Medical Societies</td>
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<tr>
<td>FIGO</td>
<td>International Federation of Gynecology and Obstetrics</td>
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<tr>
<td>FMWC</td>
<td>Federation of Medical Women of Canada</td>
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<tr>
<td>FORCE</td>
<td>Facing Our Risk of Cancer Empowered</td>
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<tr>
<td>GAPPS</td>
<td>Global Alliance to Prevent Prematurity and Stillbirth</td>
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<td>GOC</td>
<td>The Society of Gynecologic Oncology of Canada</td>
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<td>Gynecologic Oncology Group</td>
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<tr>
<td>HUPO</td>
<td>Human Proteome Organisation</td>
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<tr>
<td>IBD</td>
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<tr>
<td>ICAAC</td>
<td>Interscience Conference on Antimicrobial Agents and Chemotherapy</td>
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<td>ICONN</td>
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<td>ICS</td>
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<td>IDSOG</td>
<td>Infectious Diseases Society for Obstetrics and Gynecology</td>
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<tr>
<td>IEEE</td>
<td>Institute of Electrical and Electronics Engineers</td>
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<td>IFMSS</td>
<td>The International Fetal Medicine and Surgery Society</td>
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<td>IFPA</td>
<td>International Federation of Placenta Associations</td>
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<tr>
<td>IGORS</td>
<td>International Gynecologic Oncology Robotic Symposium</td>
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<tr>
<td>IGCS</td>
<td>International Gynecologic Cancer Society</td>
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<tr>
<td>IHDCYH</td>
<td>Institute of Human Development, Child and Youth Health</td>
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<td>IMS</td>
<td>International Menopause Society</td>
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<tr>
<td>INTAPP</td>
<td>An International Trial of Antioxidants in the Prevention of Preeclampsia</td>
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<tr>
<td>IPEG</td>
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<td>IPE</td>
<td>Interprofessional Education</td>
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<td>Acronym</td>
<td>Full Name</td>
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<tr>
<td>IPOS</td>
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<td>ISDS</td>
<td>International Skeletal Dysplasia Society</td>
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<tr>
<td>ISMRM</td>
<td>The International Society for Magnetic Resonance in Medicine</td>
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<tr>
<td>ISSCR</td>
<td>International Society for Stem Cell Research</td>
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<td>ISSHP</td>
<td>The International Society for the Study of Hypertension in Pregnancy</td>
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<tr>
<td>ISSTD</td>
<td>International Society for the Study of Trophoblastic Diseases</td>
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<tr>
<td>IUGA</td>
<td>International Urogynecological Association</td>
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<tr>
<td>LHIN</td>
<td>Local Health Integration Network</td>
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<tr>
<td>LTRI</td>
<td>Lunenfeld-Tanenbaum Research Institute</td>
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<tr>
<td>MEFS</td>
<td>Middle East Fertility Society</td>
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<tr>
<td>MICYRN</td>
<td>Maternal Infant Child and Youth Research Network</td>
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<tr>
<td>MOHLTC</td>
<td>Ministry of Health and Long-Term Care (Ontario)</td>
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<td>Mount Sinai Hospital</td>
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<td>NAFTNet</td>
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<td>North American Menopause Society</td>
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<tr>
<td>NASOM</td>
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<td>NASPAG</td>
<td>North American Society for Pediatric and Adolescent Gynecology</td>
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<td>NESA</td>
<td>New European Surgical Academy</td>
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<td>NIDA</td>
<td>National Institute on Drug Abuse</td>
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<td>National Institutes of Health</td>
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<td>NSERC</td>
<td>Natural Sciences and Engineering Research Council of Canada</td>
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<td>NYSORA</td>
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<tr>
<td>OCFP</td>
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<tr>
<td>OGS/OGSST</td>
<td>Ontario Graduate Scholarship/Ontario Graduate Scholarship in Science and Technology</td>
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<td>OMA</td>
<td>Ontario Medical Association</td>
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<tr>
<td>OTIS</td>
<td>Organization of Teratology Information Specialists</td>
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<tr>
<td>PAG</td>
<td>Paediatric and Adolescent Gynaecology</td>
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<td>PAS</td>
<td>The Pediatric Academic Societies</td>
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<td>PCRS</td>
<td>Pacific Coast Reproductive Society</td>
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<td>PMH</td>
<td>Princess Margaret Hospital</td>
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<td>PNOGA</td>
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<td>POGO</td>
<td>Pediatric Oncology Group of Ontario</td>
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<tr>
<td>PREBIC</td>
<td>PREterm Birth Collaborative</td>
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<td>PSANZ</td>
<td>Perinatal Society of Australia and New Zealand</td>
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<td>PSI</td>
<td>Physicians’ Services Incorporated</td>
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<tr>
<td>RCOG</td>
<td>Royal College of Obstetricians and Gynaecologists (UK)</td>
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<tr>
<td>RCPSC</td>
<td>Royal College of Physicians and Surgeons of Canada</td>
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<tr>
<td>RSNA</td>
<td>Radiological Society of North America</td>
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<tr>
<td>SAEM</td>
<td>Society for Academic Emergency Medicine</td>
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<td>SAGES</td>
<td>Society of American Gastrointestinal and Endoscopic Surgeons</td>
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<tr>
<td>SCMR</td>
<td>Society of Cardiovascular Magnetic Resonance</td>
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<td>SGI</td>
<td>Society for Gynecologic Investigation</td>
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<td>SGO</td>
<td>Society of Gynecologic Oncology</td>
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<tr>
<td>SHSC</td>
<td>Sunnybrook Health Sciences Centre</td>
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<tr>
<td>SHUTC</td>
<td>Sunnybrook Hospital University of Toronto Clinic (legal name, operates, as of 1973, as Academic Clinicians’ Management Services)</td>
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<tr>
<td>SIBEN</td>
<td>SIBEN, the Sociedad Iberoamericana de Neonatología</td>
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<td>SIECCAN</td>
<td>Sex Information and Education Council of Canada</td>
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<td>SIR</td>
<td>Society of Interventional Radiology</td>
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<tr>
<td>SJHC</td>
<td>St. Joseph’s Health Centre</td>
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<td>Full Name</td>
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<tr>
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<td>SLS</td>
<td>Society of Laparoendoscopic Surgeons</td>
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<td>SMFM</td>
<td>Society for Maternal-Fetal Medicine</td>
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<td>SMH</td>
<td>St. Michael’s Hospital</td>
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<td>SMIG</td>
<td>Society of Minimally Invasive Gynaecology</td>
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<td>SOGC</td>
<td>Society of Obstetricians and Gynaecologists of Canada</td>
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<td>Society of Obstetricians and Gynaecologists of Toronto</td>
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<td>Toronto East General Hospital</td>
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<td>University Health Network</td>
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<td>USCAP</td>
<td>United States and Canadian Academy of Pathology</td>
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<tr>
<td>WAGO</td>
<td>Western Association of Gynecologic Oncologists</td>
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<tr>
<td>WEBC</td>
<td>Weekend to End Breast Cancer</td>
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<td>WFUMB</td>
<td>World Federation for Ultrasound in Medicine and Biology</td>
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<td>WHI</td>
<td>Women’s Health Initiative</td>
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<td>WHO</td>
<td>World Health Organization</td>
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<tr>
<td>WRGC</td>
<td>World Robotic Gynecology Congress</td>
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