

Fifty-Second Annual Update

# Obstetrics and Gynecology 2015

Boston, MA  
March 15-20



Clinical Obstetrics • Minimally Invasive Gynecologic Surgery • Urogynecology • Gynecologic Oncology • Reproductive Endocrinology and Infertility



**HARVARD**  
MEDICAL SCHOOL

- New approaches to day-to-day clinical challenges
- Updates for better treatment plans
- Guidance to navigate diagnostic options and new medical technologies
- Imaging development advances and implications
- Skills workshops
- Drug and device updates
- New therapy protocols
- Best practices for high-risk patients
- Guidance for when to treat and when to refer
- Coverage of the Women's Health Initiative 2015

## Results-driven education



**BRIGHAM AND  
WOMEN'S HOSPITAL**

### Under the direction of

Robert L. Barbieri, MD  
Jon I. Einarsson, MD, MPH  
Mark D. Hornstein, MD  
Vatche A. Minassian, MD, MPH  
Michael G. Muto, MD  
Julian N. Robinson, MD  
Louise E. Wilkins-Haug, MD, PhD

### Updates and new practice recommendations to mitigate risk and improve clinical outcomes:

- Clinical Obstetrics
- High Risk Patients
- Adolescent Medicine
- Minimally Invasive Gynecologic Surgery
- Urogynecology
- Gynecologic Oncology
- Reproductive Endocrinology and Infertility
- Menopause Management
- Difficult Deliveries
- Laparoscopic Surgery
- Pelvic Floor Anatomy

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## COURSE DIRECTORS

### **Robert L. Barbieri, MD**

Chairman, Department of Obstetrics and Gynecology, Brigham and Women's Hospital  
Kate Macy Ladd Professor of Obstetrics, Gynecology and Reproductive Biology, Harvard Medical School

### **Julian N. Robinson, MD**

Chief of Obstetrics, Brigham and Women's Hospital  
Associate Professor, Harvard Medical School

### **Louise E. Wilkins-Haug, MD, PhD**

Division Director, Maternal Fetal Medicine and Reproductive Genetics, Brigham and Women's Hospital  
Professor, Harvard Medical School

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### **Vatche A. Minassian, MD, MPH**

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Associate Professor, Harvard Medical School

### **Michael G. Muto, MD**

Co-Director, BWH/DFCI Combined Familial Ovarian Cancer Center  
Associate Professor, Harvard Medical School

### **Mark D. Hornstein, MD**

Director, Reproductive Endocrinology Division, Brigham and Women's Hospital  
Professor, Harvard Medical School

## WHO IS ATTENDING

- Physicians specializing in obstetrics and gynecology, including: obstetricians, gynecologists, perinatologists, urogynecologists, gynecologic oncologists, reproductive endocrinologists and infertility specialists
- Family Medicine Practitioners
- Nurse Practitioners and Physician Assistants

Participants come from across the United States and Canada as well as from Europe, Africa and the Middle East.



**HARVARD**  
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Dear Colleague,

Much has changed in the field of obstetrics and gynecology in the past year, with significant implications for clinicians.

I invite you to attend the Harvard Medical School annual update on diagnosis and treatment of reproductive health conditions in women: Obstetrics and Gynecology 2015. When we meet in Boston in March 2015, Harvard's leading clinical faculty will share updates and important new information, including:

- A one-step approach to resolving a difficult shoulder dystocia (deliver the posterior arm)
- How to use letrozole to induce ovulation in infertile women
- Options for minimizing the use of medroxyprogesterone acetate in menopause treatment
- New approaches to tissue extraction during gynecologic surgery
- New norms for managing labor
- Pap smear and/or HPV testing? Where are we heading?
- Non-hormonal treatment of menopause symptoms
- Strategies to increase the use of long-acting reversible contraceptives
- Increasing the use of therapeutic hypothermia for newborns
- How to manage vaginal mesh problems

We pair these updates with specific clinical guidance that you can put to use immediately in your day-to-day practice.

The lectures, interactive discussions and in-depth clinical skills workshops at Obstetrics and Gynecology 2015 are led by more than 50 master clinicians, all at the forefront of their respective subspecialties. You will also have the opportunity to customize your learning experience for your specific practice needs — see the agenda for details.

I hope you will join us March 15-20 in Boston for Obstetrics and Gynecology 2015.

Sincerely,



### **Robert L. Barbieri, MD**

*Chairman, Department of Obstetrics and Gynecology,  
Brigham and Women's Hospital  
Kate Macy Ladd Professor of Obstetrics, Gynecology and  
Reproductive Biology, Harvard Medical School*

# COURSE OBJECTIVES

## Clinical Obstetrics

**Upon completion of this course, participants will be able to:**

- Determine the rationale for prenatal diagnosis, current screening and diagnostic techniques including ultrasound.
- Develop treatment plans for the management of antepartum complications, including infectious disease, multifetal gestations, obstetrical emergencies, cervical incompetence and preterm labor.
- Analyze the current management of maternal complications of pregnancy.
- Outline the role that obstetricians play in adverse neonatal outcomes.

## Minimally Invasive Gynecologic Surgery — Urogynecology — Gynecologic Oncology

**Upon completion of this course, participants will be able to:**

- Enhance their knowledge base and skills as they manage patients with neoplastic disorders and non-malignant conditions. Develop new strategies to apply in practice for the management of neoplastic disorders and non-malignant conditions.
- Review the current surgical management of invasive female tumors.
- Evaluate the non-surgical management of malignant and non-malignant gynecologic tumors.
- Adopt procedures to improve early detection of female genital and breast cancers.
- Utilize current gynecologic surgical techniques, including laparoscopy and hysterectomy, and assess indications for use and how to manage complications.
- Analyze the latest trends in minimally invasive gynecologic surgery and how they may impact the care of your patients.
- Apply practical surgical tips in minimally invasive gynecologic surgery.
- Improve their knowledge and skills in lower urinary tract physiology, pelvic anatomy and vaginal hysterectomy.
- Appropriately manage patients with urinary incontinence and pelvic organ prolapse.
- Review the most up-to-date evidence in the use of slings for the management of stress urinary incontinence, and pessaries for prolapse.
- Apply practical surgical tips in the management of urogynecologic complications.

## Reproductive Endocrinology and Infertility

**Upon completion of this course, participants will be able to:**

- Analyze advances in the field as they apply to the management of patients with endocrine and fertility disorders. Incorporate new management strategies for patients with endocrine and fertility disorders.
- Develop techniques to evaluate pelvic pain and bleeding and strategies for managing them.
- Institute a therapeutic management plan for patients with non-menopause-related endocrine imbalance, as well as those who are menopausal and post-menopausal.

**DISCLOSURE POLICY:** Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g., planners, faculty, reviewers, and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.



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## VENUE and ACCOMMODATIONS

Four Seasons Hotel Boston  
200 Boylston Street  
Boston, MA 02116  
(617) 338-4400



A limited number of discounted rooms have been reserved at the hotel (617-338-4400) until February 11, 2015. When calling the hotel, please specify that you are enrolled in this activity to receive a reduced room rate. Please do not make non-refundable travel arrangements until you receive an email from our office confirming your paid registration.

## INQUIRIES

Call 617-384-8600 Mon-Fri 9am – 5pm EST or e-mail  
HMS-CME@hms.harvard.edu

Register at [obgyn.HMSCME.com](http://obgyn.HMSCME.com)

# Clinical Obstetrics

## PROGRAM DIRECTORS

### Julian N. Robinson, MD

Chief of Obstetrics, Brigham and Women's Hospital  
Associate Professor, Harvard Medical School

### Louise E. Wilkins-Haug, MD, PhD

Division Director, Maternal Fetal Medicine and Reproductive Genetics, Brigham and Women's Hospital  
Professor, Harvard Medical School

### Harvard Medical School Faculty

Erik Alexander, MD  
Daniela Carusi, MD  
Karen Davidson, MD  
Khady Diouf, MD  
Lisa Dunn-Albanese, MD  
Katherine Economy, MD  
Michaela Farber, MD  
James Greenberg, MD  
Michelle Helgeson, CNM, MPH  
Yael Hoffman-Sage, MD  
Terrie Inder, MD, MB, ChB  
Daniel Katz, MD  
Sarah Little, MD  
Thomas McElrath, MD, PhD  
Audra Meadows, MD  
Leena Mittal, MD  
Rosemary Reiss, MD  
Julian N. Robinson, MD  
Julianna Schantz-Dunn, MD  
Thomas Shipp, MD  
Nicole Smith, MD  
Louise E. Wilkins-Haug, MD, PhD  
Chloe Zera, MD

### Guest Faculty

Mary D'Alton, MD  
Professor and Chair,  
Department of Obstetrics & Gynecology,  
Columbia University College of Physicians  
& Surgeons

### Errol Norwitz, MD, PhD

Professor, Obstetrics & Gynecology,  
Tufts University School of Medicine  
Chair, Department of Obstetrics &  
Gynecology, Tufts Medical Center

## Sunday, March 15

7:00 – 7:55	Registration/Continental Breakfast
7:55 – 8:00	<b>Welcome and Orientation</b> Julian N. Robinson, MD
<b>OBSTETRICS 1</b> <b>Moderator: Dr. Robinson</b>	
8:00 – 8:40	<b>Cerebral Palsy: Reflections After the ACOG Task Force Report</b> Mary D'Alton, MD
8:40 – 8:50	Questions and Discussion
8:50 – 9:30	<b>Cocktails and Ice: Therapy for Neonatal Encephalopathy</b> Terrie Inder, MD, MB, ChB
9:30 – 9:40	Questions and Discussion
9:40 – 10:00	Coffee Break
10:00 – 10:40	<b>New Guidelines for Hypertension in Pregnancy</b> Errol Norwitz, MD, PhD
10:40 – 10:50	Questions and Discussion
10:50 – 11:30	<b>Labor in 2015: Navigating Pitfalls and Avoiding Cesarean Delivery</b> Katherine Economy, MD
11:30 – 11:40	Questions and Discussion
11:40 – 1:00	Lunch (on your own)
1:00 – 1:40	<b>Infection in Pregnancy</b> Khady Diouf, MD
1:40 – 1:50	Questions and Discussion
1:50 – 2:30	<b>Induction of Labor</b> Sarah Little, MD
2:30 – 2:40	Questions and Discussion
2:40 – 2:55	Coffee Break
2:55 – 3:55	<b>CLINICAL WORKSHOPS 1*</b>
	<b>Obstetric Simulation Session</b> 1A Julian N. Robinson, MD and Michaela Farber, MD
	<b>Management of Stillbirth</b> 1B Audra Meadows, MD
	<b>The Difficult Cesarean Delivery: Adhesions, Obesity &amp; Difficult Extractions</b> 1C James Greenberg, MD
	<b>Working with a Midwife</b> 1D Michelle Helgeson, CNM, MPH
	<b>Hemorrhage: Resuscitation &amp; Surgical Management</b> 1E Daniela Carusi, MD and Julianna Schantz-Dunn, MD
4:00 – 5:00	<b>CLINICAL WORKSHOPS 2*</b>
	<b>Obstetric Simulation Session</b> 2A Julian N. Robinson, MD and Michaela Farber, MD
	<b>Management of Stillbirth</b> 2B Audra Meadows, MD
	<b>The Difficult Cesarean Delivery: Adhesions, Obesity &amp; Difficult Extractions</b> 2C James Greenberg, MD
	<b>Working with a Midwife</b> 2D Michelle Helgeson, CNM, MPH
	<b>Hemorrhage: Resuscitation &amp; Surgical Management</b> 2E Daniela Carusi, MD and Julianna Schantz-Dunn, MD

\*A total of 56 workshops are offered during the six days this conference is hosted. No pre-registration for workshops is required. You can enroll for workshops on-site at the registration desk.

## Monday, March 16

7:00 – 7:55	<b>Breakfast</b>
7:55 – 8:00	<b>Welcome</b> Louise E. Wilkins-Haug, MD, PhD
<b>OBSTETRICS 2</b> <b>Moderator: Dr. Wilkins-Haug</b>	
8:00 – 8:40	<b>What to Do About 2nd Trimester Cervical Change</b> Thomas McElrath, MD, PhD
8:40 – 8:50	Questions and Discussion
8:50 – 9:30	<b>Thyroid Screening and Treatment: Updates</b> Erik Alexander, MD
9:30 – 9:40	Questions and Discussion
9:40 – 10:00	Coffee Break
10:00 – 11:00	<b>CLINICAL WORKSHOPS 3*</b>
	<b>Who Should Get Noninvasive Free Fetal DNA?</b> 3A Louise E. Wilkins-Haug, MD, PhD
	<b>First Trimester Ultrasound: What is the Value?</b> 3B Thomas Shipp, MD
	<b>The Challenge of Obesity</b> 3C Chloe Zera, MD
	<b>A Positive Depression Screen – What Now?</b> 3D Nicole Smith, MD and Leena Mittal, MD
11:05 – 11:45	<b>Gestational Diabetes</b> Chloe Zera, MD
11:45 – 11:55	Questions and Discussion
11:55 – 1:00	Lunch (on your own)
<b>AFTERNOON</b> <b>Moderator: Dr. Wilkins-Haug</b>	
1:00 – 1:40	<b>Premature Preterm Rupture of Membranes</b> Nicole Smith, MD
1:40 – 1:50	Questions and Discussion
1:50 – 2:30	<b>Management of Fetal Growth Restriction</b> Lisa Dunn-Albanese, MD
2:30 – 2:40	Questions and Discussion
2:40 – 2:55	Coffee Break
2:55 – 3:55	<b>CLINICAL WORKSHOPS 4*</b>
	<b>Liver Disease in Pregnancy</b> 4A Karen Davidson, MD
	<b>Stillbirth: Risk Factor and Evaluation Updates</b> 4B Yael Hoffman-Sage, MD
	<b>Who Should Get Noninvasive Free Fetal DNA?</b> 4C Louise E. Wilkins-Haug, MD, PhD
	<b>Is it Antiphospholipid Antibody Syndrome?</b> 4D Daniel Katz, MD
	<b>Management of Twins: The Expected and Unexpected</b> 4E Julian N. Robinson, MD
4:00 – 5:00	<b>CLINICAL WORKSHOPS 5*</b>
	<b>Liver Disease in Pregnancy</b> 5A Karen Davidson, MD
	<b>Stillbirth: Risk Factor and Evaluation Updates</b> 5B Yael Hoffman-Sage, MD
	<b>Expanded Genetic Carrier Screening</b> 5C Rosemary Reiss, MD
	<b>Is it Antiphospholipid Antibody Syndrome?</b> 5D Daniel Katz, MD
	<b>Management of Twins: The Expected and Unexpected</b> 5E Julian N. Robinson, MD

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# Minimally Invasive Gynecologic Surgery – Urogynecology – Gynecologic Oncology

## PROGRAM DIRECTORS

### Jon I. Einarsson, MD, MPH

Chief, Division of Minimally Invasive  
Gynecology, Brigham and Women's Hospital  
Associate Professor, Harvard Medical School

### Vatche A. Minassian, MD, MPH

Chief, Division of Urogynecology, Brigham and  
Women's Hospital  
Associate Professor, Harvard Medical School

### Michael G. Muto, MD

Co-Director, BWH/DFCI Combined Familial  
Ovarian Cancer Center  
Associate Professor, Harvard Medical School

### Harvard Medical School Faculty

Ross Berkowitz, MD

Sarah Cohen, MD

Christopher Crum, MD

Jon I. Einarsson, MD, MPH

Sarah Feldman, MD

Colleen Feltmate, MD

Neil Horowitz, MD

Vatche A. Minassian, MD

Michael G. Muto, MD

Samantha Pulliam, MD

Barbara L. Smith, MD, PhD

### Guest Faculty

Charles Koh, MD

Associate Clinical Professor, Obstetrics and  
Gynecology, Medical College of Wisconsin  
Co-Director, Milwaukee Institute of Minimally  
Invasive Surgery

Peter E. Schwartz, MD

Professor, Obstetrics and Gynecology;  
Director, Section of Gynecologic Oncology,  
Yale University School of Medicine

Vivian Sung, MD

Associate Professor, Obstetrics and  
Gynecology, The Warren Alpert Medical  
School of Brown University  
Research Director, Division of Urogynecology  
and Reconstructive Pelvic Surgery, Women  
and Infants Hospital of Rhode Island

## Tuesday, March 17

7:00 – 7:55	Registration/Continental Breakfast with the Faculty
7:55 – 8:00	<b>Welcome</b> Jon I. Einarsson, MD, MPH
<b>MINIMALLY INVASIVE GYNECOLOGIC SURGERY</b> <b>Moderator: Dr. Einarsson</b>	
8:00 – 8:40	<b>Laparoscopic Surgery in the Obese and Surgically Challenged Patient</b> Sarah Cohen, MD
8:40 – 8:50	Questions and Discussion
8:50 – 9:30	<b>Total Laparoscopic Hysterectomy: From Simple to Complex</b> Charles Koh, MD
9:30 – 9:40	Questions and Discussion
9:40 – 10:00	Coffee Break
10:00 – 10:40	<b>Prevention and Management of Laparoscopic Complications</b> Jon I. Einarsson, MD, MPH
10:40 – 10:50	Questions and Discussion
<b>UROGYNECOLOGY</b> <b>Moderator: Dr. Minassian</b>	
10:50 – 11:30	<b>Lower Urinary Tract Physiology And Pelvic Floor Anatomy</b> Vivian Sung, MD
11:30 – 11:40	Questions and Discussion
11:40 – 1:00	Lunch (on your own)
1:00 – 1:40	<b>Updates on Evaluation and Conservative Treatment Of Common Urogynecologic Conditions</b> Vatche A. Minassian, MD, MPH
1:40 – 1:50	Questions and Discussion
1:50 – 2:30	<b>Vaginal Hysterectomy</b> Samantha Pulliam, MD
2:30 – 2:40	Questions and Discussion
2:40 – 2:55	Coffee Break
2:55 – 3:55	<b>CLINICAL WORKSHOPS 6*</b>
	<b>Surgical Management of Endometriosis</b> 6A Charles Koh, MD
	<b>Laparoscopic Myomectomy and Tissue Extraction</b> 6B Jon I. Einarsson, MD, MPH
	<b>Laparoscopic Suturing Workshops</b> 6C Sarah Cohen, MD
	<b>Pessaries</b> 6D Samantha Pulliam, MD
	<b>Slings: The Good and the Bad</b> 6E Vivian Sung, MD
	<b>Surgical Complexities and Complications in Urogynecology</b> 6F Vatche A. Minassian, MD, MPH
4:00 – 5:00	<b>CLINICAL WORKSHOPS 7*</b>
	<b>Surgical Management of Endometriosis</b> 7A Charles Koh, MD
	<b>Laparoscopic Myomectomy and Tissue Extraction</b> 7B Jon I. Einarsson, MD, MPH
	<b>Laparoscopic Suturing Workshops</b> 7C Sarah Cohen, MD
	<b>Pessaries</b> 7D Samantha Pulliam, MD
	<b>Slings: The Good and the Bad</b> 7E Vivian Sung, MD
	<b>Surgical Complexities and Complications in Urogynecology</b> 7F Vatche A. Minassian, MD, MPH

## Wednesday, March 18

7:00 – 7:55	Breakfast with the Faculty
7:55 – 8:00	<b>Welcome</b> Michael G. Muto, MD
<b>GYNECOLOGIC ONCOLOGY</b> <b>Moderator: Dr. Muto</b>	
8:00 – 8:40	<b>Current Approaches to the Early Detection of Breast Cancer</b> Barbara L. Smith, MD, PhD
8:40 – 8:50	Questions and Discussion
8:50 – 9:30	<b>Precursors in the GYN Tract</b> Christopher Crum, MD
9:30 – 9:40	Questions and Discussion
9:40 – 10:00	Coffee Break
10:00 – 10:40	<b>Current Management of Abnormal Pap Smears</b> Sarah Feldman, MD
10:40 – 10:50	Questions and Discussion
10:50 – 11:30	<b>Current Management of Cervical Cancer</b> Neil Horowitz, MD
11:30 – 11:40	Questions and Discussion
11:40 – 1:00	Lunch (on your own)
1:00 – 1:40	<b>Current Management of Endometrial Cancer</b> Michael G. Muto, MD
1:40 – 1:50	Questions and Discussion
1:50 – 2:30	<b>Current Management of Epithelial Ovarian Cancer</b> Peter E. Schwartz, MD
2:30 – 2:40	Questions and Discussion
2:40 – 2:55	Coffee Break
2:55 – 3:55	<b>CLINICAL WORKSHOPS 8*</b>
	<b>Prevention and Early Detection of Ovarian Cancer</b> 8A Michael G. Muto, MD
	<b>Ambulatory Management of Gynecologic Oncology Problems</b> 8B Neil Horowitz, MD
	<b>Current Management of Molar Pregnancy</b> 8C Ross Berkowitz, MD
	<b>Evaluation of Abnormal Pap Smears</b> 8D Sarah Feldman, MD
	<b>Current Management of Vaginal and Vulvar Neoplasia</b> 8E Colleen Feltmate, MD
4:00 – 5:00	<b>CLINICAL WORKSHOPS 9*</b>
	<b>Prevention and Early Detection of Ovarian Cancer</b> 9A Michael G. Muto, MD
	<b>Ambulatory Management of Gynecologic Oncology Problems</b> 9B Neil Horowitz, MD
	<b>Current Management of Molar Pregnancy</b> 9C Ross Berkowitz, MD
	<b>Evaluation of Abnormal Pap Smears</b> 9D Sarah Feldman, MD
	<b>Current Management of Vaginal and Vulvar Neoplasia</b> 9E Colleen Feltmate, MD

Register at [obgyn.HMSCME.com](http://obgyn.HMSCME.com)

# Reproductive Endocrinology and Infertility

## Thursday, March 19

7:00 – 7:55 Registration/Continental Breakfast

7:55 – 8:00 **Welcome and Orientation**

### **INFERTILITY** Moderator: Dr. Hornstein

8:00 – 8:40 **The Basic Infertility Work-up: Who, When and How**  
Rachel Ashby, MD

8:40 – 8:50 Questions and Discussion

8:50 – 9:30 **A Current Approach to Ovulation Induction**  
Elizabeth S. Ginsburg, MD

9:30 – 9:40 Questions and Discussion

9:40 – 10:00 Coffee Break

10:00 – 10:40 **The Role of IVF in Contemporary Practice**  
Janis Fox, MD

10:40 – 10:50 Questions and Discussion

10:50 – 11:30 **New Directions in Evaluation of Recurrent Pregnancy Loss**  
William Kutteh, MD, PhD

11:30 – 11:40 Questions and Discussion

11:40 – 1:00 Lunch (on your own)

### **REPRODUCTIVE ENDOCRINOLOGY** Moderator: Dr. Hornstein

1:00 – 1:40 **Hyperandrogenism/Polycystic Ovary Syndrome Evaluation and Treatment**  
Robert L. Barbieri, MD

1:40 – 1:50 Questions and Discussion

1:50 – 2:30 **Congenital Anomalies of the Reproductive Tract**  
Marc Laufer, MD

2:30 – 2:40 Questions and Discussion

2:40 – 2:55 Coffee Break

2:55 – 3:55 **CLINICAL WORKSHOPS 10\***

**Management of Menopause** 10A  
Kathryn Martin, MD

**Sexual Dysfunction in Women** 10B  
Jan Shifren, MD

**Endometriosis/Pelvic Pain** 10C  
Mark D. Hornstein, MD

**Cases in Adolescent Gynecology** 10D  
Marc Laufer, MD

**Recurrent Pregnancy Loss** 10E  
William Kutteh, MD, PhD

4:00 – 5:00 **CLINICAL WORKSHOPS 11\***

**Management of Menopause** 11A  
Kathryn Martin, MD

**Sexual Dysfunction in Women** 11B  
Jan Shifren, MD

**Pregnancy of Unknown Location** 11C  
Daniela Carusi, MD

**PCOS** 11D  
Robert L. Barbieri, MD

**Abnormal Uterine Bleeding** 11E  
Antonio Gargiulo, MD

## Friday, March 20

7:00 – 7:55 Breakfast with the Faculty

### **MENOPAUSE AND REPRODUCTIVE ENDOCRINOLOGY** Moderator: Dr. Hornstein

7:55 – 8:00 **Welcome**

8:00 – 8:40 **Managing the Health Concerns of Menopausal Women**  
Jan Shifren, MD

8:40 – 8:50 Questions and Discussion

8:50 – 9:30 **WHI – 2015 Update**  
JoAnn Manson, MD, DrPH

9:30 – 9:40 Questions and Discussion

9:40 – 10:00 Coffee Break

10:00 – 10:40 **Osteoporosis**  
Robert L. Barbieri, MD

10:40 – 10:50 Questions and Discussion

10:50 – 11:30 **Treating Endometriosis-Associated Pelvic Pain**  
Mark D. Hornstein, MD

11:30 – 11:40 Questions and Discussion

11:40 – 12:20 **Thyroid and Reproduction**  
Maria Yialamas, MD

12:20 – 12:30 Questions and Discussion

## PROGRAM DIRECTOR

### **Mark D. Hornstein, MD**

Director, Reproductive Endocrinology Division,  
Brigham and Women's Hospital  
Professor, Harvard Medical School

### **Harvard Medical School Faculty**

Rachel Ashby, MD  
Robert L. Barbieri, MD  
Daniela Carusi, MD  
Janis Fox, MD  
Antonio Gargiulo, MD  
Elizabeth S. Ginsburg, MD  
Mark D. Hornstein, MD  
Marc Laufer, MD  
JoAnn Manson, MD, DrPH  
Kathryn Martin, MD  
Jan Shifren, MD  
Maria Yialamas, MD

### **Guest Faculty**

William Kutteh, MD, PhD  
Professor of Obstetrics and Gynecology,  
The University of Tennessee  
Health Sciences Center

## ACCREDITATION:

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Harvard Medical School designates this live activity for a maximum of **42.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- Full Course: A maximum of **42.25 AMA PRA Category 1 Credits™**
- Clinical Obstetrics: A maximum of **14.25 AMA PRA Category 1 Credits™**
- Minimally Invasive Gynecologic Surgery, Urogynecology and Gynecologic Oncology: A maximum of **16.0 AMA PRA Category 1 Credits™**
- Reproductive Endocrinology and Infertility: A maximum of **12.0 AMA PRA Category 1 Credits™**

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 6.00 credits of Risk Management Study.

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

Application for assignment of **ACOG Cognate Credits** has been filed with the American College of Obstetricians and Gynecologists and is currently pending. Check the course website for updates.

**AMA PRA Category 1 Credits™** claimed by physicians attending live events certified and organized in the United States for **AMA PRA Category 1 Credits™** can be claimed through the agreement on mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC©) granted by the UEMS. One **AMA PRA Category 1 Credit™** is equivalent to one (1) hour of European EACCME Credit (ECMEC©), therefore up to 42.25 ECMEC© Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.



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52<sup>nd</sup> Annual Update

# OBSTETRICS and GYNECOLOGY 2015

March 15-20, 2014

Boston, MA

Course #352860



**HARVARD**  
MEDICAL SCHOOL

To register by mail please complete this form (all fields required) and include a check (draft on a United States bank) payable to:  
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*A handling fee of \$60 is deducted for cancellation. Refund requests must be received by postal mail, email, or fax one week prior to this activity. No refunds will be made thereafter. Please do not make non-refundable travel arrangements until you have received an email confirming your registration.*

Please check one of the four boxes below to indicate the program(s) for which you are registering.	Tuition
<input type="checkbox"/> <b>Attending Full Conference (All three programs)</b> <input checked="" type="checkbox"/> <b>Clinical Obstetrics</b> (March 15-16) <input checked="" type="checkbox"/> <b>Minimally Invasive Gynecologic Surgery, UroGynecology, Gynecologic Oncology</b> (March 17-18) <input checked="" type="checkbox"/> <b>Reproductive endocrinology and infertility</b> (March 19-20)	\$1,700 (Save \$700)
<input type="checkbox"/> Check here if you are a resident or fellow in training and attending Full Conference (All three programs) <i>Discounts do not apply for residents and fellows enrolling for the options below.</i>	1,000
<input type="checkbox"/> <b>Attending two of the three programs</b> (Please indicate the two programs below) ___ <b>Clinical Obstetrics</b> (March 15-16) ___ <b>Minimally Invasive Gynecologic Surgery, UroGynecology, Gynecologic Oncology</b> (March 17-18) ___ <b>Reproductive endocrinology and infertility</b> (March 19-20)	\$1,400
<input type="checkbox"/> <b>Attending one of the three programs</b> (Please indicate the program below) ___ <b>Clinical Obstetrics</b> (March 15-16) ___ <b>Minimally Invasive Gynecologic Surgery, UroGynecology, Gynecologic Oncology</b> (March 17-18) ___ <b>Reproductive endocrinology and infertility</b> (March 19-20)	\$800
<input type="checkbox"/> <b>Optional:</b> Check here to additionally receive printed materials for an additional fee of \$50* <i>* All attendees receive a flash drive with course materials. Check this box only if you wish to additionally receive (at a fee of \$50) printed versions of the course materials. You will receive printed materials for each of the programs for which you have registered.</i>	\$50
All fees in USD.	
<b>YOUR TOTAL</b>	\$ _____

You can also register by credit card (VISA, MasterCard or American Express) online at [www.HMSCME.com/OBGYN](http://www.HMSCME.com/OBGYN)

Questions? Call 617-384-8600 Mon-Fri 9am – 5pm(EST) or Send email to [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu)

Please print clearly. All fields required.

Full Name \_\_\_\_\_

Profession \_\_\_\_\_ Degree \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State/Prov \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_ Fax Number(\_\_\_\_\_) \_\_\_\_\_

Email Address \_\_\_\_\_

**Please note: Your email address is used for critical information, including registration confirmation, evaluation, and certificate. Please be sure to include an email address that you check daily or frequently.**

## Physicians, Please Also Complete These Required Fields

Primary Specialty \_\_\_\_\_ Board Certified? \_\_\_\_ Yes \_\_\_\_ No

Professional School Attended \_\_\_\_ Harvard Medical School \_\_\_\_ US Medical School \_\_\_\_ International Medical School

Year of Graduation \_\_\_\_\_