Society for Maternal-Fetal Medicine

The Pregnancy Meeting™
39th Annual Meeting

February 11 – 16, 2019
Las Vegas, NV | Caesars Palace

SMFM.org
In 2011, we began the initiative to develop an outstanding multispecialty group to serve the maternal-fetal needs of mothers, their families and their referring physicians, building on strong clinical and research programs.

Since that time, The Fetal Center has evolved into a national and international leader in fetal diagnosis, fetal intervention and comprehensive fetal care for infants with congenital anomalies or genetic abnormalities.

– Co-directors of The Fetal Center: Kenneth Moise, Jr., MD, Anthony Johnson, DO, KuoJen Tsao, MD

For more information and outcomes data, visit childrens.memorialhermann.org/thefetalcenter/outcomes.

To speak to a clinical specialist, available 24/7, call 888.818.4818.
IT COULD BE
POSTPARTUM DEPRESSION (PPD).

The American College of Obstetricians and Gynecologists (ACOG) recommends screening pregnant patients at least once during the perinatal period using a standardized, validated tool.11 Some examples of these tools include the Edinburgh Postnatal Depression Scale (EPDS) and the Patient Health Questionnaire-9 (PHQ-9).14 It only takes ~5 minutes to know your patient’s score.15,16


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DEAR COLLEAGUES,

Welcome to Las Vegas! I am excited that you are here for SMFM’s 39th Annual Pregnancy Meeting™. Whether it is your first meeting or you’re a seasoned attendee, I’m confident that you will enjoy the opportunity to share in the latest science and connect with leaders in maternal-fetal medicine.

This year’s Pregnancy Meeting™ is the result of the hard work, effort and dedication of the Program Committee, chaired by Lorraine Dugoff, MD. The Committee selected and vetted the highest quality and most significant research, which will continue to give this meeting the reputation it has rightfully earned as the main event for presenting and learning about cutting-edge science in obstetrics.

We have several new offerings available at this year’s meeting. First and most significant are the expanded resources available to those who traveled with children and families. This year, we are offering onsite childcare services. Sponsored by UT Health McGovern Medical School and subsidized by SMFM, this service was made available in response to feedback from last year’s meeting attendees.

We encourage baby-wearing and infant feeding throughout the Pregnancy Meeting™. If you prefer a private space to pump or feed children, we have a Mother’s Lounge located in the Naples Room. The Mother’s Lounge may also be used as a place to soothe a fussy baby or bring a rambunctious toddler who needs to burn off some energy. Fathers are also welcome and we will live-stream the plenary sessions in this space.

Finally, for those wondering what to do in Las Vegas with kids, SMFM’s President-Elect and Las Vegas local, Brian Iriye, MD, has compiled a list of family-friendly options on the SMFM online community, “Guide to Las Vegas.” SMFM members can access it at http://bit.ly/LVfam.

SMFM strives to be inclusive and meet the needs of our members and meeting attendees. We can only achieve this with your feedback. Let us know how we are doing and learn more about our strategic initiatives at the SMFM Membership Information Station located across from the meeting registration desk on the Promenade Level. It will be open Monday through Friday (hours are detailed on page 35). I encourage you to stop by. As always, you can also share your feedback directly with me or the SMFM staff.

Thank you for taking time out of your busy schedule to be here. I look forward to connecting with you while we’re together in Las Vegas.

Sean Blackwell, MD
President (2018-2019)
PAST PRESIDENTS

William Spellacy, MD - 1977
Roy Pitkin, MD - 1978
James O’Leary, MD - 1979
Donald Sherline, MD - 1980
Loren Petersen, MD - 1981
Bruce Work, MD - 1982
Robert Hayashi, MD - 1983
Roy Petrie, MD - 1984
John Morrison, MD - 1985
Amelia Cruz, MD - 1986
Steven Gabbe, MD - 1987
Robert Sokol, MD - 1988
Richard Paul, MD - 1989
Frank Miller, MD - 1990
Thomas Garite, MD - 1991
Garland Anderson, MD - 1992
Larry Gilstrap, III, MD - 1993
Valerie Parisi, MD - 1994
Gary D.V. Hankins, MD - 1995
Donald Coustan, MD - 1996
Steven Clark, MD - 1997
Mary E. D’Alton, MD - 1998
Peter VanDorsten, MD - 1999
Michael Socol, MD - 2000
James Martin, Jr., MD - 2001
Haywood Brown, MD - 2002
Jay D. Iams, MD - 2003
James Ferguson, MD - 2004
Michael Nageotte, MD - 2005
Roger Newman, MD - 2006
Katherine Wenstrom, MD - 2007
Michael Foley, MD - 2008
Sarah Kilpatrick, MD, PhD - 2009
Joshua Copel, MD - 2010
George Saade, MD - 2011
M. Kathryn Menard, MD - 2012
M. Kathryn Menard, MD - 2012
Brian Mercer, MD - 2013
Vincenzo Berghella, MD - 2014
Laura Riley, MD - 2015
Mary Norton, MD - 2016
Alfred Abuhamad, MD - 2017

PAST PRESIDENTS

JOSEPH BIGGIO, JR., MD, MSc - New Orleans, LA
NATHAN FOX, MD - New York, NY
CONNIE GRAVES, MD - Nashville, TN
JEFFREY KULLER, MD - Durham, NC
THOMAS LEE, MD - Portland, OR
JUDETTE LOUIS, MD, MPH - Tampa, FL
CURTIS LOWERY, MD - Little Rock, AK
EVA PRESSMAN, MD - Rochester, NY
CHRISTOPHER ROBINSON, MD, MSCR - Charleston, SC
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ANDREW LANE, MD, Associate Member
AUBREY MERRIAM, MD, Associate Member
JOHN WECHTEL, MD, ACOG
GEORGE WENDEL, MD, ABOG

PAST PRESIDENTS

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Richard Paul, MD - 1989
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Alfred Abuhamad, MD - 2017

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Raising the bar for high-risk pregnancy care.

Visit Booth 418 for more information.

Celeste’s babies underwent fetoscopic laser photocoagulation surgery for TTTS while still in utero.

NewYork-Presbyterian

Our maternal-fetal medicine program is the largest in the U.S., with faculty and trainees from two top medical schools, Columbia and Weill Cornell.
MESSAGE FROM THE PROGRAM COMMITTEE CHAIR

DEAR FRIENDS AND COLLEAGUES,

On behalf of the Program Committee, I am delighted to welcome you to the 39th Annual Meeting of the Society for Maternal-Fetal Medicine. This meeting has become one of the most exciting forums to discover the latest areas of research in the field of maternal-fetal medicine and to advance our understanding of the specialty. I’m confident that this year’s meeting will support the mission of the Society by providing education and promoting research to optimize the health of high-risk pregnant women and their babies.

Postgraduate Courses and Scientific Forums

Postgraduate courses will be held on Monday, Tuesday, and Wednesday and include 16 courses plus additional educational sessions. The courses include a wide range of topics and offer up to 75.25 credits of CME.

This year, we are offering an exciting debate-style course on diabetes and hyperglycemia with our international colleagues, several hands-on ultrasound and simulation courses, and co-sponsored courses with the North American Fetal Therapy Network (NAFNet), the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) and the International Society for Prenatal Diagnosis (ISPD). We added a second hands-on simulation workshop for ultrasound-guided procedures in response to the high demand in prior years.

A total of 19 Scientific Forums will be held on Wednesday afternoon. There are two new forums this year. One will address the SMFM Thrive Project (Burnout and Wellness) and another is focused on Labor and Delivery. There is no cost to attend these sessions and they provide an excellent opportunity to hear and participate in cutting edge discussions and to network with others who share your interests.

Oral and Poster Presentations

Oral and poster presentations will be held on Thursday, Friday and Saturday. On behalf of the entire Annual Meeting Program Committee, I want to thank those of you who submitted abstracts. This year, we received 2,022 abstracts, which is 75 more than we received in 2017! We have an oral presentation session dedicated to induction of labor this year due to the high volume of abstracts submitted on this topic.

In response to the increasing number of abstract submissions, the Program Committee will be recruiting additional abstract reviewers for the 2020 Annual Meeting. Visit SMFM.org/reviewers to learn more about what is required of a general abstract reviewer and consider applying.

Awards will be presented to the top-rated abstracts for each oral and poster session. For each oral session there are three judges (who are not the moderators) and there are six judges for each poster session. Judges follow a structured scoring guide that includes study design, impact, innovation and presentation quality as criteria. The President’s
Award Ceremony will take place on Saturday morning for work presented on Thursday and Friday. For work presented on Saturday, award winners will be contacted via email. We thank the judges who volunteer their time to make this award ceremony possible.

Other Noteworthy Activities
I’m excited to highlight the efforts of Brian Iriye, MD, and the other SMFM volunteer leaders who will visit Las Vegas-based healthcare “magnet school,” Rancho High School on Wednesday. The MFMs will lead several class discussions and simulation drills with students interested in health careers. On Thursday, the students will come to the plenary and poster sessions and be paired with an MFM mentor to learn about the research process and scientific method.

Finally, I would personally like to thank members of the SMFM staff and our President, Sean Blackwell, MD, who worked tirelessly to make this meeting happen. On behalf of the other members of the 2019 Program Committee, Alison Cahill, MD, MSCI (Poster Chair); Cynthia Gyamfi-Bannerman MD, MSc (Postgraduate Course Chair); Chris Robinson, MD, MSCR (Scientific Forum Chair); and Brian Iriye, MD (Local Arrangements Chair), we look forward to seeing you in Las Vegas and hope you enjoy what is sure to be a terrific meeting!

Lorraine Dugoff, MD
Program Chair, 2019
The Program Chair, on behalf of the Society, is most grateful to the following people who conscientiously and promptly judged the abstracts for this meeting.

**General Reviewers**

John Allbert, MD  
Cande V. Ananth, PhD  
John Barton, MD  
Nicholas Behrendt, MD  
Michael Belfort, MD, PhD  
Peter Bernstein, MD  
Amarnath Bhide, MD, PhD  
Angela Bianco, MD  
Karin Blakemore, MD  
Nathan Blue, MD  
Yair Blumenfeld, MD  
Bryann Bromley, MD  
Brian Brost, MD  
Irina A. Buhimschi, MD  
Winston Campbell, MD  
Eugene Chang, MD  
Christian Chisholm, MD  
Erin Clark, MD  
Andrew Combs, MD, PhD  
Maged Costantine, MD  
Jude Crino, MD  
Bonnie Dattel, MD  
Donald Dudley, MD  
Andrea Edlow, MD, MSc  
Kacey Eichelberger, MD  
Brett Einerson, MD, MPH  
Yasser El Sayed, MD  
Carey Eppes, MD, MPH  
Michael Eslin, MD  
Fancesca Facco, MD  
Helen Fellovich, MD  
Nathan Fox, MD  
Karim Fuchs, MD  
Henry L. Galan, MD  
Ossie Geffmann Holtzman, MD  
Tullio Ghi, PhD  
William Gilbert, MD  
Katherine Goetzinger, MD  
James Goldberg, MD  
William Goodnight, MD, MSCR  
Chad Grotegut, MD  
Mounira A. Habli, MD, MSCR  
Wendy Hansen, MD  
Lorie Harper, MD, MSCI  
James Hill, MD  
Washington Hill, MD  
Bo Jacobsson, Prof.  
James Keller, MD  
Mark Klebanoff, MD, MPH  
Garrett Lam, MD  
Lisa Danielle Levine, MD  
Jamie Lo, MD  
Anna Locatelli, MD  
Judette Louis, MD, MPH  
Deidre Lyell, MD  
Fergal Malone, MD  
Tracy Manuck, MD, MSCI  
Stephanie Martin, DO  
David Mc Kenna, MD  
Thomas McElrath, MD, PhD  
Audrey Merriam, MD, MS  
Tomi D. Metz, MD, MSCR  
Pooja Green, MD  
Peter Napolitano, MD  
David Nelson, MD  
Chia-Ling Nhan-Chang, MD  
Gayle Olson, MD  
Martin Oudijk, MD, PhD  
John Owen, MD, MSPH  
Michelle Owens, MD  
Jordan Perlow, MD  
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Lawrence Platt, MD  
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Eva Pressman, MD  
Nandini Raghuraman, MD  
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Jerrie Refuerzo, MD  
John Repke, MD  
Christopher Robinson, MD, MSCR  
Meredith Rochon, MD  
Ashley Roman, MD, MPH  
Michael Ross, MD, MPH  
Joanne Stone, MD  
Molly Stout, MD  
Scott Sullivan, MD, MSCR  
Geeta Swamy, MD  
Lorene Temming, MD, MSCI  
Lauren Theilen, MD, MSCI  
Elizabeth A. Thom, PhD  
Loralei Thornburg, MD  
Stephen Thung, MD  
Jorge Tolosa, MD, MSCR  
Marjorie Treadwell, MD  
Amy Valent, DO  
Christophe Vayssière, PhD  
Steven Warsof, MD  
Joseph Wax, MD  
Blair Wylie, MD, MPH  
Yariv Yoge, MD  
Carolyn Zelop, MD  

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Kjersti Aagaard, MD, PhD  
Alfred Abuhamad, MD  
Vincenzo Berghella, MD  
Joseph Biggio, MD, MSc  
Sean C. Blackwell, MD  
Kimberly Boggess, MD  
Alison G. Cahill, MD, MSCI  
Aaron Caughey, MD, PhD  
Suneet P. Chauhan, MD  
Joshua Copel, MD  
Lorraine Dugoff, MD  
Michal Elovitz, MD  
Antonio Frias, MD  
Thomas Garite, MD  
William Grobman, MD  
Cynthia Gyamfi-Bannerman, MD, MSc  
R. Phillips Heine, MD  
Jay Iams, MD  
Donna Johnson, MD  
Anthony Johnson, DO  
Sarah Kilpatrick, MD, PhD  
Katherine Grantz, MD, MSCR  
George Macones, MD  
Kathryn Menard, MD, MPH  
Brian Mercer, MD  
Ben Mol, MD, PhD, BSc  
Michael Nageotie, MD  
Roger Newman, MD  
Mary Norton, MD  
Anthony Odibo, MD, MSCE  
Samuel Parry, MD  
Alan Peaceman, MD  
Christian Pettker, MD  
Uma Reddy, MD  
Dwight Rouse, MD  
George Saade, MD  
Yoel Sadovsky, MD  
Andrew Satin, MD  
Anthony Sciscione, DO  
Baha Sibai, MD  
Bob Silver, MD  
Lynn Simpson, MD  
Gordon Smith, MD, PhD  
Catherine Spong, MD  

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ABSTRACT AWARDEES

DRU CARLSON AWARD
The Dru Carlson Memorial Award for Best Research in Ultrasound and Genetics
Presented at the Society for Maternal-Fetal Medicine’s 2019 Annual Meeting
To
Jessica Giordano, MS, CGC
For the Abstract
Have Genomic Screening Advances Gone Far Enough?

NORMAN F. GANT AWARD
The Norman F. Gant Award for Best Research in Maternal Medicine
Presented at the Society for Maternal-Fetal Medicine’s 2019 Annual Meeting
To
Lorie Harper, MD, MSCI
For the Abstract
Early Gestational Diabetes Screening in Obese Women: A Randomized Controlled Trial

THE BRUCE A. WORK AWARD
The Bruce A. Work Award for Best Research by a Practicing or Training Maternal-Fetal Medicine Physician Outside of the US
Presented at the Society for Maternal-Fetal Medicine’s 2019 Annual Meeting
To
Kuniaki Toriyabe, MD, PhD
For the Abstract
Primary Cytomegalovirus Infection During Pregnancy and Subsequent Congenital Infection: Maternal Antibody Screening Involving 19,000 Women

THE DISPARITIES AWARD
The Disparities Award for Best Research on Diversity/Disparity in Health Outcomes
Presented at the Society for Maternal-Fetal Medicine’s 2019 Annual Meeting
To
Aleha Aziz, MD, MPH
For the Abstract
Maternal Outcomes by Race During Postpartum Readmissions
### SMFM’S 39th ANNUAL MEETING-AT-A-GLANCE

Note: Any changes to room locations will be updated on the mobile app. Learn more on page 19.

#### SUNDAY, FEBRUARY 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 – 7:00 pm</td>
<td>Registration (Promenade), Speaker Ready Room (Sorrento)</td>
</tr>
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</table>

#### MONDAY, FEBRUARY 11

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Siena)</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (Milano Foyer)</td>
</tr>
<tr>
<td>7:00 am – 5:00 pm</td>
<td>Onsite Registration and Pre-Registration Check-in (Promenade), Speaker Ready Room (Sorrento), Mothers Lounge (Naples)</td>
</tr>
<tr>
<td>7:00 am – 6:00 pm</td>
<td>Childcare Services (Sicily)</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Postgraduate Courses (See pages 21-23)</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch: Pearls for Finding the Right Job After Fellowship (Milano IV) Content by SMFM, food and beverage sponsored by HCA.</td>
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<tr>
<td>5:30 – 6:30 pm</td>
<td>Yoga (Siena)</td>
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#### TUESDAY, FEBRUARY 12

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 – 7:00 am</td>
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<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (Milano Foyer)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>Onsite Registration and Preregistration Check-in (Promenade), Speaker Ready Room (Sorrento), Mothers Lounge (Naples)</td>
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<tr>
<td>7:00 am – 6:00 pm</td>
<td>Childcare Services (Sicily)</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Postgraduate Courses (See pages 24-29)</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch: Image is Everything: Transforming the Ultrasound Experience of Clinicians and the Women They Care For (Augustus III - IV) Sponsored by Samsung</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch: An Update on Rare Autosomal Aneuploidies (RAA) – What a Difference a Year Makes! (Verona/Turin/Trevi) Sponsored by Myriad Women’s Health</td>
</tr>
<tr>
<td>5:00 – 7:00 pm</td>
<td>SMFM State Liaison Network Meeting (Neopolitan I)</td>
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<tr>
<td>5:30 – 7:30 pm</td>
<td>Research Committee Symposium: State of the Science, Defining Fetal Growth Restriction for Research and Beyond (Augustus I-II)</td>
</tr>
<tr>
<td>5:30 – 6:30 pm</td>
<td>Yoga (Siena)</td>
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#### WEDNESDAY, FEBRUARY 13

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Siena)</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (Milano Foyer)</td>
</tr>
<tr>
<td>7:00 am – 6:00 pm</td>
<td>Speaker Ready Room (Sorrento), Poster Printing Pick-up (Office 8), Mothers Lounge (Naples), VIP Lounge (Salerno)</td>
</tr>
<tr>
<td>8:00 am – 2:30 pm</td>
<td>Onsite Registration and Preregistration Check-in (Promenade)</td>
</tr>
<tr>
<td>3:00 – 4:00 pm</td>
<td>Residents Forum (Messina)</td>
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<tr>
<td>3:00 – 5:30 pm</td>
<td>Scientific Forums (See pages 36-40)</td>
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<tr>
<td>5:00 – 6:30 pm</td>
<td>MFM Program Directors Meeting (Milano VI)</td>
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<tr>
<td>5:30 – 7:00 pm</td>
<td>Diversity Taskforce Reception (Pisa/Palermo)</td>
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<tr>
<td>6:00 – 8:00 pm</td>
<td>Opening Reception with Exhibits (Octavius Ballroom)</td>
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#### THURSDAY, FEBRUARY 14

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Siena)</td>
</tr>
<tr>
<td>6:00 – 7:30 am</td>
<td>Nutrition Special Interest Group (Milano I)</td>
</tr>
<tr>
<td>6:30 – 7:15 am</td>
<td>Continental Breakfast (Augustus Foyer)</td>
</tr>
<tr>
<td>7:00 am – 5:00 pm</td>
<td>Speaker Ready Room (Sorrento), Mothers Lounge (Naples), VIP Lounge (Salerno), Poster Printing Pick-up (Office 8), Oral Judge Check-in (Augustus Foyer)</td>
</tr>
</tbody>
</table>
7:00 am – 5:00 pm Onsite Registration and Pre-Registration Check-in (Promenade)
7:00 am – 6:00 pm Childcare Services (Sicily)
7:30 – 8:00 am Welcome from the Program Chair, President’s Address, Lifetime Achievement and Honorary Member Awards (Augustus Ballroom)
8:00 – 8:15 am Special Presentation by the Honorary Member (Augustus Ballroom)
8:15 – 10:15 am Oral Plenary Session I (Augustus Ballroom)
9:00 am – 5:00 pm Poster Judge Check-in (Octavia Foyer)
10:15 – 10:45 am Late-Breaking Research Presentations (Augustus Ballroom)
10:30 am – 5:30 pm Exhibit Hall Open (Octavia Ballroom)
10:45 am – 12:00 pm Poster Session 1 (Octavia Ballroom)
11:30 am – 1:00 pm Armed Forces MFM Network (Verona), Research Support Personnel and Investigators (Trevi)
12:00 – 1:00 pm Luncheon Roundtables (See page 44)
12:00 – 1:00 pm Learning Lunch (Milano VI)
Sponsored by Sage Therapeutics
1:15 – 4:00 pm Oral Concurrent Sessions (See page 42)
4:00 – 5:30 pm Poster Session II (Octavia Ballroom)
4:30 – 5:30 pm Associate Members’ Meeting (Augustus III-IV)
5:00 – 6:00 pm Pro-Life MFM (Verona)
5:30 – 6:30 pm Yoga (Siena)
5:30 – 7:00 pm 2nd and 3rd Year Fellows Retreat (Neopolitan I-III)
6:30 – 7:30 pm Meet-the-Fellows Reception, Invitation Only (Milano VII-VIII)

FRIDAY, FEBRUARY 15

6:00 – 7:00 am Yoga (Milano VII)
6:30 – 7:15 am Continental Breakfast (Augustus Foyer)
7:00 – 8:00 am MFM Genetics Breakfast (Neopolitan II)
7:00 am – 5:00 pm Speaker Ready Room (Sorrento), Mothers Lounge (Naples), VIP Lounge (Salerno), Poster Printing Pick-up (Office 8), Onsite Registration and Pre-Registration Check-in (Promenade), Oral Judge Check-in (Augustus Foyer)
7:00 am – 6:00 pm Childcare Services (Sicily)
7:30 – 8:00 am Foundation for SMFM Chair Address (Augustus Ballroom)
8:00 – 10:00 am Oral Plenary Session II, Fellows Plenary (Augustus Ballroom)
9:00 am – 5:00 pm Poster Judge Check-in (Octavia Foyer)
10:00 – 10:15 am Late-Breaking Research Presentation (Augustus Ballroom)
10:30 am – 5:30 pm Exhibit Hall Open (Octavia Ballroom)
10:30 am – 12:00 pm Poster Session III (Octavia Ballroom)
12:00 – 1:00 pm Luncheon Roundtables (See page 44)
12:00 – 1:00 pm Learning Lunch (Milano VI)
Sponsored by Hologic
12:00 – 1:15 pm Foundation for SMFM Corporate Council Luncheon (Neopolitan I-II)
1:15 – 3:45 pm Oral Concurrent Sessions (See page 42)
4:00 – 5:30 pm Poster Session IV (Octavia Ballroom)
5:30 – 6:30 pm Yoga (Milano VII)

SATURDAY, FEBRUARY 16

6:30 – 7:30 am Foundation for SMFM 5K Run/Walk
6:45 – 7:45 am Continental Breakfast (Milano Foyer)
7:00 – 11:00 am Oral Judge Check-in (Milano Foyer)
7:00 am – 3:00 pm Mothers Lounge (Naples)
7:00 – 10:00 am Speaker Ready Room (Sorrento)
8:00 – 8:30 am Awards Ceremony for Thursday and Friday Sessions (Milano I-III)
8:00 – 10:00 am Poster Printing Pick-up (Office 8)
8:00 – 10:00 am Onsite Registration and Pre-Registration Check-in (Promenade Registration Area)
8:45 – 11:15 am Oral Concurrent Sessions (See page 43)
9:00 am – 1:00 pm Poster Judge Check-in (Octavia Foyer)
11:30 am – 1:00 pm Poster Session V (Octavia Ballroom)
We administer scholarships and grants that are available to members of the Society for Maternal-Fetal Medicine at various stages in their careers.

**SMFM/AAOGF SCHOLARS PROGRAM**
Our premier research training scholarship, funded jointly with the American Association of Obstetricians and Gynecologists Foundation (AAOGF), is designed for future academic physician leaders who seek additional research training in maternal-fetal medicine (MFM). Applicants for this highly selective three-year award must have recently completed MFM subspecialty training or be in the second or third year of an ABOG-approved MFM fellowship training program.

**BRIDGE FUNDING AWARD**
The Bridge Funding Award is designed to stabilize a research program of a promising physician scientist in the field of perinatal biology and medicine who has not been successful in obtaining independent research funding or who has a temporary lapse in funding. The award is made possible with generous support from ABOG Education Foundation and is for a one-year period.

**DANIELLE PERESS, MD MEMORIAL FUND**
Established in 2018 to honor the life and wishes of Dani Peress, first- and second-year MFM fellows receive funding for clinical or translational research during fellowship.

**QUILLIGAN SCHOLARS PROGRAM**
OB/Gyn residents who intend to pursue a fellowship in MFM receive two years of educational and mentoring experiences through this successful program begun in 2013.

**QUEENAN FELLOWSHIPS FOR GLOBAL HEALTH**
Established in 2015, practicing MFMs and MFM fellows with an interest in maternal and child health issues in low/middle income countries can apply for one of four educational and research fellowships.

**GARITE MINI-SABBATICAL GRANT**
Practicing MFMs and MFM fellows, including international members of the Society, can expand their skills or practice by working on a specific research project or clinical experience with a mentor at another institution for up to eight weeks.

**FOR MORE INFORMATION ABOUT THESE PROGRAMS OR TO APPLY, PLEASE CONTACT US AT FOUNDATION@SMFM.ORG OR VISIT OUR WEBSITE FOUNDATIONFORSMFM.ORG**

**WHERE TO FIND US AT THE MEETING**
Visit our information station across from meeting registration on the Promenade Level to learn about our programs or to make a donation.
CURRENT AND PAST Awardees

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Jacqueline Parchem, MD 2019-2022*
Nandini Raghuraman, MD 2018-2021*
Adetola Louis-Jacques, MD 2017-2020*
Jennifer Gilner, MD, PhD 2016-2019*
K. Joseph Hurt, MD 2015-2018*
Hilary Roeder, MD 2013-2016*
Joy Vink, MD 2012–2015*
Jacob Larkin, MD 2010–2013*
Mark Alanis, MD 2009–2012
Antonette Dulay, MD 2009–2012*
Emily Su, MD 2007–2010*
Francine Einstein, MD 2006–2009*
Janet Andrews, MD 2005–2008*
Donna Neale, MD 2004–2007*
Michal Elovitz, MD 2000–2002
M. Sean Esplin, MD 1999–2001
Lynda Hudon, MD 1998–1999
Kim Boggess, MD 1997–1998
Samuel Parny, MD 1996–1997
Stephen Hunter, MD 1995–1996
Susan Seligman, MD 1994–1995
Kee-Hak Lin, MD 1993–1994
Tracey Cawles, MD 1992–1993

*Funded jointly with AAOGF

**ABOG Bridge Funding Award**
Maisa Feghali, MD 2018
Emily Miller, MD 2017
Joy Vink, MD 2015

**Garite Mini-Sabbatical Grant**

2018
Michael Dombrowski, MD
Jose Enrique Sanin Blair, MD

2016
Lucie Moravia, DO

2015
Niamh Condon, DO

**Quilligan Scholars Program**

2019
Fei Cai, MD
David Carr, MBBS, MSc, PhD
Ashley Hesson, MD, PhD
Tom Kamineni, MD
Michelle Nguyen, MD
Sharon Storz, MD, MS
Nicole Teal, MD, MPH
Gianna Wilkie, MD

2018
Irina Cassimatis, MD
Ukachi Emeruwa, MD, MPH
Jeff Federspiel, MD, PhD
Daisy Leon-Martinez, MD
Divya Mallampati, MD, MPH
Melanie Maykin, MD
Bridget Speike, MD

2017
Maria Andrikopoulou, MD, PhD
Victoria Greenberg, MD
Anne West Honart, MD
Michael Miller, MD
Courtney Mitchell, MD
Emily Oliver, MBBS, MPH
Martha Tesfalul, MD

2016
Aleha Aziz, MD, MPH
Michelle Debbink, MD, PhD
Jessica Page, MD
Kartik Venkatesh, MD, PhD
Sarah Wernimont, MD, PhD

2015
Yalda Afshar, MD, PhD
Jacques Baalya, MD
Mark Clapp, MD, MPH
Ahizechukuwe Eke, MD, MPH
Ibrahim Hammad, MD
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Mohak Mhatre, MD
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Amanda Yeaton-Massey, MD

**QUEENAN Fellowships for Global Health**

2018
FB “Will” Williams, MD
D’Angela Pitts, MD
Febronie Muhorakeye, MD

2017
Megan Foeller, MD
Rebekah McCurdy, MD
Stephen Rulisa, MD, PhD

2016
Alisa Kachikis, MD
Stephanie Valderramos, MD, PhD
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2015
Yusuf Ahmed, MD
Kelli Barbour, MD
Ingrid Liff, MD
Lucie Moravia, DO

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**History**
The Foundation for SMFM was created by the Society for Maternal-Fetal Medicine in 2003 to promote the development of young physician scientists whose research would advance the field of maternal-fetal medicine (MFM) and the care of women with high-risk pregnancies. The Foundation provides a research training scholarship and other research and educational grants to current MFMs and those who aspire to join the profession.
2018 FOUNDATION DONORS

Thank you for supporting our mission to advance care in pregnancy through research and education. This report recognizes donations made to all Foundation programs between January 1 and December 31, 2018. Great effort was made to include all contributors in this report and to ensure the accuracy of names and titles. If we have erred, please accept our apologies and let us know so we may make corrections.

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Society and Foundation VIPs can enjoy
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connect, and network with access to
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areas and light refreshments. Badge
access to the Lounge is available to
current Program Committee members,
high-volume abstract reviewers,
Past Presidents of the Society, major
contributors to the Foundation
for SMFM, and current SMFM and
Foundation Board Members.
POSTGRADUATE COURSES, WORKSHOPS AND SYMPOSIA

Some postgraduate courses, workshops and symposia run concurrently. If you are registering onsite, some may already be full. Please note: last-minute room changes can occur. Please consult the Annual Meeting mobile app for the latest event information.

*This activity has been planned and implemented in accordance with the accreditation and policies of the Accreditation Council for Continuing Medical Education through the joint providership of The Omnia-Prova Education Collaborative (TOPEC) and Society for Maternal-Fetal Medicine. TOPEC is accredited by ACCME to provide continuing medical education for physicians.

The Omnia-Prova Education Collaborative, Inc. designates this enduring material for a maximum of 75.25 PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MONDAY, FEBRUARY 11

Diabesity: Type 2 Diabetes and Obesity: Practical Approaches to Clinical Management

Course Directors: Celeste Durnwald, MD and Erika Werner, MD

Faculty: Kim Boggess, MD; Lorraine Dugoff, MD; Francesca Facco, MD; Christina Han, MD; Terri Hernandez, PhD, RN; Marcela Smid, MD; Linda Szymanski, MD, PhD; Akuezunkpa Ude Welcome, MD

CME: Up to 7 CME credits available* Location: Milano VII - VIII

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>Time</th>
<th>Activity</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Review prenatal management of women with Type 2 diabetes including pharmacologic management and antenatal testing.</td>
<td>8:00 – 8:05 am</td>
<td>Welcoming Remarks/Introduction</td>
<td>Durnwald</td>
</tr>
<tr>
<td>2. Discuss the role of bariatric surgery in obese women and the implications on a future pregnancy.</td>
<td>8:05 – 8:40 am</td>
<td>Type 2 DM: We Are Not GDM, Don’t Treat Us Like We Are</td>
<td>Durnwald</td>
</tr>
<tr>
<td>3. Outline diagnostic approaches and management of common coexisting medical illness and complications in obese women.</td>
<td>8:40 – 9:10 am</td>
<td>Metformin in Type 2 DM: What We Know, What We Need to Learn</td>
<td>Boggess</td>
</tr>
<tr>
<td>4. Emphasize the importance of lifestyle interventions for women with obesity in pregnancy.</td>
<td>9:10 – 9:50 am</td>
<td>Utility of Ultrasound in Management of Patients with Diabetes</td>
<td>Han</td>
</tr>
<tr>
<td>5. Review the data that translates into our recommended dietary management of the diabetic pregnancy.</td>
<td>9:50 – 10:00 am</td>
<td>Q and A</td>
<td>Durnwald, Boggess, Han</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
<td></td>
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<tr>
<td>10:30 – 11:15 am</td>
<td>Bariatric Surgery for Obese Women</td>
<td></td>
<td>Ude Welcome</td>
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<tr>
<td>11:15 – 11:50 am</td>
<td>Pregnancy Management After Gastric Bypass</td>
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<td>Werner</td>
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<tr>
<td>11:50 am – 12:00 pm</td>
<td>Q and A</td>
<td></td>
<td>Ude Welcome, Werner</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>1:00 – 1:40 pm</td>
<td>Screening for Aneuploidy in the Obese Patient: Pearls and Pitfalls</td>
<td></td>
<td>Dugoff</td>
</tr>
<tr>
<td>1:40 – 2:15 pm</td>
<td>Sleep Disorders, A Common Comorbidity in Diabetes in Pregnancy</td>
<td></td>
<td>Facco</td>
</tr>
<tr>
<td>2:15 – 2:50 pm</td>
<td>The Dreaded Wound Complication: Approaches to Prevention and Treatment of Wound Complications After Cesarean</td>
<td></td>
<td>Smid</td>
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<tr>
<td>2:50 – 3:00 pm</td>
<td>Q and A</td>
<td></td>
<td>Dugoff, Facco, Smid</td>
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<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
<td></td>
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<tr>
<td>3:30 – 4:15 pm</td>
<td>Exercise and Obesity: How Do We Get Our Patients Moving?</td>
<td></td>
<td>Szymanski</td>
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<tr>
<td>4:15 – 4:55 pm</td>
<td>Nutrition Recommendations and Diabetes: What is the Data?</td>
<td></td>
<td>Hernandez</td>
</tr>
<tr>
<td>4:55 – 5:00 pm</td>
<td>Concluding Remarks</td>
<td></td>
<td>Werner</td>
</tr>
</tbody>
</table>
Obstetric Complications Debates: Preterm Birth and Beyond

Course Directors: Anjali Kaimal, MD, MSCR and Judette Louis, MD, MPH
Faculty: Joseph Biggio, Jr., MD, MSc; Kimberly De Stefano, MD, FACOG; William Grobman, MD, MBA; Torre Halscott, MD, MSCR; Israel Hendler, MD; Mariam Naqvi, MD; Sarah Obican, MD; Luis Pacheco, MD; Sindhu Srinivas, MD, MSCE; Alison Stuebe, MD, MSc; Methodius Tuuli, MD, MPH

CME: Up to 7 CME credits available* Location: Neopolitan I - III

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Compare the pros and cons of different delivery timing options in preterm preeclampsia.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Examine the evidence surrounding mode of delivery options in the periviable pregnancy.</td>
</tr>
<tr>
<td></td>
<td>3. Examine the evidence surrounding cerclage use in twin gestation.</td>
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<tr>
<td></td>
<td>4. Compare the pros and cons of elective induction of labor at 39 weeks.</td>
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<td></td>
<td>5. Discuss the strategies for the management of amniotic fluid embolus.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:30 am</td>
<td>Introduction</td>
<td>Kaimal</td>
</tr>
<tr>
<td>8:30 – 9:00 am</td>
<td>Preterm Preeclampsia: Deliver Soon vs. Expectant Management</td>
<td>DeStefano/Louis</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>Cerclage in Twin Pregnancies: Never Indicated vs. a Viable Option</td>
<td>Obican/Hendler</td>
</tr>
<tr>
<td>9:30 – 10:00 am</td>
<td>Q and A</td>
<td></td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:00 am</td>
<td>Periviable Birth with Malpresentation: Cesarean is Best vs. Mode of Delivery Makes No Difference</td>
<td>Naqvi/Hendler</td>
</tr>
<tr>
<td>11:00 – 11:30 am</td>
<td>We Should Use Bundles to Prevent SSI vs. We Can Reduce SSI Without Bundles</td>
<td>Srinivas/Tuuli</td>
</tr>
<tr>
<td>11:30 am – 12:00 pm</td>
<td>Q and A</td>
<td></td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Amniotic Fluid Embolus is Lethal vs. Amniotic Fluid Embolus is Not Necessarily Lethal - There is Room for Improvement</td>
<td>Pacheco/Halscott</td>
</tr>
<tr>
<td>1:30 – 2:00 pm</td>
<td>Elective Induction of Labor: Nothing Good Happens After 39 Weeks vs. Stop Being an Interventionist</td>
<td>Grobman/Stuebe</td>
</tr>
<tr>
<td>2:00 – 2:30 pm</td>
<td>Q and A</td>
<td></td>
</tr>
<tr>
<td>2:30 – 3:00 pm</td>
<td>Late Breaking – Audience Topics</td>
<td></td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 – 4:00 pm</td>
<td>First Trimester US in the Age of Cell-Free DNA. Is There a Role for It? Yes or No?</td>
<td>Kaimal/Biggio</td>
</tr>
<tr>
<td>4:00 – 4:30 pm</td>
<td>Late Breaking – Audience Topics</td>
<td></td>
</tr>
<tr>
<td>4:30 – 5:00 pm</td>
<td>Q and A</td>
<td></td>
</tr>
</tbody>
</table>

Critical Care: A Case-Based Approach

Course Directors: John Ozimek, DO and Bob Silver, MD
Faculty: Chad Grotegut, MD; Torri Metz, MD, MSCR; Leslie Moroz, MD; Luis Pacheco, MD; Loralei Thomburg, MD; Arthur “Jason” Vaught, MD; Mark Zakowski, MD; Carolyn Zelop, MD

CME: Up to 7.25 CME credits available* Location: Milano V-VI

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Understand the importance of the physiologic changes of pregnancy as they pertain to the care of the critically ill patient.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3. Recognize the importance of timely diagnosis and appropriate treatment of the critically ill obstetric patient.</td>
</tr>
<tr>
<td></td>
<td>3. Integrate strategies to reduce severe maternal morbidity and mortality in the critically ill obstetric patient.</td>
</tr>
</tbody>
</table>
Fetal Therapy: Twins!
Course Directors: Jena Miller, MD and Russell Miller, MD
Faculty: Julie Moldenhauer, MD; Ramesha Papanna, MD, MPH; Magda Sanz Cortes, MD, PhD; Michael Zaretsky, MD
CME: Up to 3.5 CME credits available*  Location: Milano III
Co-Sponsored with the North American Fetal Therapy Network

Learning Objectives
1. Understand a range of complications that can impact monochorionic twin pregnancies.
2. Assess the role of Doppler studies before and after laser therapy for twin-twin transfusion syndrome.
3. Evaluate options for selective fetal reduction in monochorionic pregnancies.
4. Discuss neurodevelopmental outcomes among survivors of fetal intervention involving monochorionic twin pregnancies.
5. Consider the impact of short cervix on complicated monochorionic twin pregnancies.

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Too Close for Comfort: Best Practices for the Management of Monoamniotic Twins</td>
<td>Zaretsky</td>
</tr>
<tr>
<td>1:30 – 2:00 pm</td>
<td>It’s Great to Interrogate: Doppler Studies Before and After Laser Therapy for TTTS</td>
<td>R. Miller</td>
</tr>
<tr>
<td>2:00 – 2:30 pm</td>
<td>Selective Fetal Reduction for Complicated Monochorionic Twin Pregnancies</td>
<td>Moldenhauer</td>
</tr>
<tr>
<td>2:30 – 3:00 pm</td>
<td>Q and A</td>
<td>Zaretsky, R. Miller, Moldenhauer</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 – 3:55 pm</td>
<td>Management of Short Cervix in Complicated Monochorionic Multiple Gestations</td>
<td>Papanna</td>
</tr>
<tr>
<td>3:55 – 4:20 pm</td>
<td>Neurodevelopmental Outcome after Fetal Intervention in Monochorionic Pregnancies</td>
<td>Sanz Cortes</td>
</tr>
<tr>
<td>4:20 – 4:45 pm</td>
<td>50 Shades of Grey, Square Pegs and Round Holes: What to Do When Things Don’t Conform</td>
<td>J. Miller</td>
</tr>
<tr>
<td>4:45 – 5:00 pm</td>
<td>Q and A</td>
<td>Papanna, Sanz Cortes, J. Miller</td>
</tr>
</tbody>
</table>
Controversies in Labor and Delivery

Course Directors: Alison Cahill, MD, MSCI and William Grabman, MD, MBA
Faculty: Aaron Caughey, MD, PhD; Lisa Levine, MD; Nandini Raghuraman, MD, MS; Dwight Rouse, MD, MSPH; Moeun Son, MD, MSCI; Methodius Tuuli, MD, MPH

CME: Up to 7.25 CME credits available*  Location: Milano V-VI

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Understand controversies in the management of the first stage of labor.</th>
<th>2. Understand controversies in the management of the second stage of labor.</th>
<th>3. Understand controversies in labor induction.</th>
<th>4. Understand controversies in labor augmentation.</th>
<th>5. Understand controversies in infection prophylaxis at cesarean delivery.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:40 am</td>
<td>Is Zhang the New Friedman?</td>
<td>Caughey</td>
<td></td>
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<tr>
<td>8:40 – 9:20 am</td>
<td>Second-to-None Management of the Second Stage</td>
<td>Cahill</td>
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</tr>
<tr>
<td>9:20 – 10:00 am</td>
<td>Elective Induction at 39 Weeks: Friend or Foe?</td>
<td>Grobman</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 – 11:20 am</td>
<td>Infection Prophylaxis for CS: How Much is too Much?</td>
<td>Tuuli</td>
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<tr>
<td>11:20 am – 12:00 pm</td>
<td>Panel Discussion</td>
<td>Caughey, Cahill, Grobman, Tuuli</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:00 – 1:40 pm</td>
<td>Response to Cat II Tracings: Does Anything Help?</td>
<td>Raghurumen</td>
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<tr>
<td>1:40 – 2:20 pm</td>
<td>Evidence-Based Augmentation Strategies: Follow the Evidence or Do What You Want?</td>
<td>Son</td>
<td></td>
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<tr>
<td>2:20 – 3:00 pm</td>
<td>Contractiones: What are We Doing?</td>
<td>Rouse</td>
<td></td>
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<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
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</tr>
<tr>
<td>3:30 – 4:20 pm</td>
<td>Why is Ripening the Cervix so Difficult?</td>
<td>Levine</td>
<td></td>
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<tr>
<td>4:20 – 5:00 pm</td>
<td>Panel Discussion</td>
<td>Raghuramen, Son, Rouse, Levine</td>
<td></td>
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</tbody>
</table>

Placental Insufficiency - From Causes to Consequences, From Prediction to Prevention

Course Directors: Anthony Obdibo, MD, MSCE; Aris Papageorghiou, MD, MBChB, MRCOG; Laurent Salomon, MD, PhD; Joanne Stone, MD, MS
Faculty: Alfred Abuhamad, MD; Ahmet Baschat, MD; Katie Groom, MD, PhD, MBBS; Mary Norton, MD; Roberto Romero, MD, DMedSci; Baha Sibai, MD; Bob Silver, MD

CME: Up to 7 CME credits available*  Location: Augustus V-VI

Co-Sponsored by The International Society of Ultrasound in Obstetrics and Gynecology

<p>| Learning Objectives | 1. Understand the clinical manifestations of placental disorders. | 2. Be apprised of the latest international guidance on management of growth restriction and pre-eclampsia. | 3. Appreciate the current state of play as well as controversies regarding prediction and prevention of growth restriction, pre-eclampsia and stillbirth. | 4. Gain insights into future research directions in the field. |
|---------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:20 am</td>
<td>Welcome and Introduction to the Course and to ISUOG</td>
<td>Odibo, Papageorghiou, Stone</td>
</tr>
<tr>
<td>8:20 – 8:50 am</td>
<td>Placental Disorders: From Pathology to Clinical Manifestations</td>
<td>Romero</td>
</tr>
<tr>
<td>8:50 – 9:10 am</td>
<td>Growth Restriction: Building Consensus on Terminology, Definitions, Outcomes</td>
<td>Papageorghiou</td>
</tr>
<tr>
<td>9:10 – 9:40 am</td>
<td>Growth Restriction: Fetal Physiology and Adaptation</td>
<td>Baschat</td>
</tr>
<tr>
<td>9:40 – 10:00 am</td>
<td>Recognizing Growth Restriction: ISUOG Fetal Biometry Guidelines</td>
<td>Salomon</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
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<tr>
<td>10:30 – 10:50 am</td>
<td>Should All Women Have Third Trimester Ultrasound Screening? What the Data Shows</td>
<td>Odibo</td>
</tr>
<tr>
<td>10:50 – 11:10 am</td>
<td>Novel Sonographic Tools for the Evaluation of the Placenta</td>
<td>Abuhamad</td>
</tr>
<tr>
<td>11:10 – 11:40 am</td>
<td>Managing Growth Restriction: Understanding our Tests and Their Limitations in Early and Late Disease</td>
<td>Papageorghiou</td>
</tr>
<tr>
<td>11:40 am – 12:00 pm</td>
<td>Developing Therapies for FGR: Are We Making Progress?</td>
<td>Groom</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:00 – 1:20 pm</td>
<td>Examining the Link Between Late Growth Restriction and Stillbirth</td>
<td>Silver</td>
</tr>
<tr>
<td>1:20 – 1:35 pm</td>
<td>DEBATE: Predicting Stillbirth Is…</td>
<td>Papageorghiou (Moderator)</td>
</tr>
<tr>
<td>1:35 – 1:50 pm</td>
<td>Possible and Useful</td>
<td>Odibo</td>
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<tr>
<td>1:50 – 2:00 pm</td>
<td>Rebuttal and Vote</td>
<td>Silver/Odibo</td>
</tr>
<tr>
<td>2:00 – 2:20 pm</td>
<td>Preeclampsia in 2019: State of Play</td>
<td>Sibai</td>
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<tr>
<td>2:20 – 2:40 pm</td>
<td>Ultrasound in Management of Preeclampsia: ISUOG Guidelines</td>
<td>Salomon</td>
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<tr>
<td>2:40 – 3:00 pm</td>
<td>Future Directions: The Role of Statins in Preeclampsia Prevention or Treatment</td>
<td>Salomon</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 – 3:45 pm</td>
<td>DEBATE: Prediction of Preeclampsia: Is it Useful?</td>
<td>Stone (Moderator)</td>
</tr>
<tr>
<td>3:45 – 4:00 pm</td>
<td>Yes and It Can Lead to Prevention</td>
<td>Baschat</td>
</tr>
<tr>
<td>4:00 – 4:10 pm</td>
<td>A Waste of Money, Just Give Aspirin to All</td>
<td>Sibai</td>
</tr>
<tr>
<td>4:10 – 4:30 pm</td>
<td>Rebuttal and Vote</td>
<td>Baschat/Sibai</td>
</tr>
<tr>
<td>4:30 – 4:50 pm</td>
<td>Future Directions: Genetics, Epigenetics and Precision Medicine</td>
<td>Norton</td>
</tr>
<tr>
<td>4:50 – 5:00 pm</td>
<td>Future Directions: The Role of MRI in Assessing Placental Function</td>
<td>Salomon</td>
</tr>
<tr>
<td></td>
<td>Feedback and Close</td>
<td>Odibo, Papageorghiou, Stone</td>
</tr>
</tbody>
</table>
The Pregnant Cardiac Patient, Part II: Pearls and Pitfalls

Course Directors: Afshan Hameed, MD and Diana S. Wolfe, MD, MPH
Faculty: Katherine Arendt, MD; Anna Bortnick, MD, PhD; Joan Briller, MD; Steven Clark, MD; Heidi Connolly, MD; Uri Elkayam, MD; Alexander Friedman, MD; Dena Goffman, MD; Jeannette Lin, MD; Stephanie Martin, DO; Marie Louise Meng, MD; Candice Silversides, MD, FRCPC; Samuel Siu, MD, MBA; Arthur "Jason" Vaught, MD; Syed Ali Zaidi, MD
CME: Up to 7 CME credits available* Location: Augustus I-II

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Understand the causes of maternal mortality.</td>
<td>8:00 – 8:10 am</td>
<td>Introduction: An Update on Maternal Mortality in the USA Clark</td>
</tr>
<tr>
<td>2. How to manage a pregnant woman with acute coronary syndrome.</td>
<td>8:10 – 8:20 am</td>
<td>Introduction: Cardiac Risk Assessment for All Pregnant Women – Is That Warranted? Hameed</td>
</tr>
<tr>
<td>3. Identify the typical presentation of arrhythmias in pregnancy.</td>
<td>8:20 – 8:35 am</td>
<td>Risk Stratification of Pregnant Women with Cardiac Disease – CARPREG II Siu</td>
</tr>
<tr>
<td>4. Identify the high-risk aortopathies and risks in pregnancy.</td>
<td>8:35 – 8:45 am</td>
<td>MFM Consult: Acute Coronary Syndromes Acute Coronary Syndromes (ACS) in Pregnancy Elkayam</td>
</tr>
<tr>
<td>5. The components of CARPREG II and its utility in risk assessment.</td>
<td>8:45 – 9:15 am</td>
<td>MFM Consult: Acute Coronary Syndromes DEBATE – Coronary Interventional vs. Medical Management in ACS Bortnick vs. Elkayam</td>
</tr>
<tr>
<td>6. How to Counsel a Woman with a Prior Coronary Artery Dissection?</td>
<td>9:15 – 9:25 am</td>
<td>How to Counsel a Woman with a Prior Coronary Artery Dissection? Briller</td>
</tr>
<tr>
<td>7. Stump the Professor #1 – ACS</td>
<td>9:25 – 9:45 am</td>
<td>Stump the Professor #1 – ACS Connolly, Elkayam, Hameed</td>
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<tr>
<td>8. Stump the Professor #2 – Valve Disease</td>
<td>9:45 – 10:00 am</td>
<td>Stump the Professor #2 – Valve Disease Bortnick, Siu, Wolfe</td>
</tr>
<tr>
<td>9. Break</td>
<td>10:00 – 10:30 am</td>
<td>Break</td>
</tr>
<tr>
<td>12. Arrhythmias in Pregnancy</td>
<td>10:50 – 11:00 am</td>
<td>Arrhythmias in Pregnancy What Cardiac Conditions Predispose to Arrhythmias in Pregnancy? Connolly</td>
</tr>
<tr>
<td>13. Arrhythmias in Pregnancy</td>
<td>11:00 – 11:10 am</td>
<td>Arrhythmias in Pregnancy Peripartum Management of a Patient with a Pacemaker or an ICD in Place Bortnick</td>
</tr>
<tr>
<td>15. Pregnant Cardiac Patient in Cardiac Care Unit</td>
<td>11:20 – 11:30 am</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Cardiac Catastrophe: Simulation Training Goffman</td>
</tr>
<tr>
<td>16. Stump the Professor #3</td>
<td>11:30 – 11:45 am</td>
<td>Stump the Professor #3 Briller, Clark, Zaidi</td>
</tr>
<tr>
<td>17. Stump the Professor #4</td>
<td>11:45 am – 12:00 pm</td>
<td>Stump the Professor #4 Lin, Martin, Silversides</td>
</tr>
<tr>
<td>18. Lunch</td>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>19. Pregnant Cardiac Patient in Cardiac Care Unit</td>
<td>1:00 – 1:10 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit 3 Highest Risk Congenital Cardiac Lesions Connolly</td>
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</table>

Society for Maternal Fetal-Medicine • Stay Connected with #SMFM19
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>1:10 – 1:20 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Who Needs Delivery in a CCU Setting? What Can Go Wrong?</td>
<td>Elkayam</td>
</tr>
<tr>
<td>1:20 – 1:30 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Cardiopulmonary Resuscitation in Pregnancy</td>
<td>Arendt</td>
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<tr>
<td>1:30 – 1:40 pm</td>
<td>Arrhythmias in Pregnancy Palpitations in Pregnancy – Frequent PVCs</td>
<td>Hameed</td>
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<tr>
<td>1:40 – 1:50 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Medical Management of PPCM – Is There a Role for ECMO?</td>
<td>Vaught</td>
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<tr>
<td>1:50 – 2:00 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Delivery Planning for a Patient with Pulmonary Hypertension</td>
<td>Martin</td>
</tr>
<tr>
<td>2:00 – 2:10 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Who Needs Telemetry?</td>
<td>Vaught</td>
</tr>
<tr>
<td>2:10 – 2:20 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit What are the Hemodynamic Changes in the Peripartum Period?</td>
<td>Wolfe</td>
</tr>
<tr>
<td>2:20 – 2:30 pm</td>
<td>Pregnant Cardiac Patient in Cardiac Care Unit Anesthetic Considerations to Mitigate the Hemodynamic Fluctuations</td>
<td>Meng</td>
</tr>
<tr>
<td>2:30 – 2:45 pm</td>
<td>Stump the Professor #5</td>
<td>Arendt, Friedman</td>
</tr>
<tr>
<td>2:45 – 3:00 pm</td>
<td>Stump the Professor #6</td>
<td>Connolly, Meng, Vaught</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:30 – 3:40 pm</td>
<td>Anticoagulation in Pregnancy Anesthetic Management of a Patient on Therapeutic Anticoagulation in the Peripartum Period?</td>
<td>Arendt</td>
</tr>
<tr>
<td>3:40 – 3:50 pm</td>
<td>Anticoagulation in Pregnancy Cardiac Indications for Therapeutic Anticoagulation</td>
<td>Friedman</td>
</tr>
<tr>
<td>3:50 – 4:20 pm</td>
<td>DEBATE: Heparins for Therapeutic Anticoagulation Throughout Pregnancy vs. Warfarin</td>
<td>Friedman vs. Silversides</td>
</tr>
<tr>
<td>4:20 – 4:30 pm</td>
<td>Congenital Lesions in Pregnancy High-Risk Aortopathies</td>
<td>Lin</td>
</tr>
<tr>
<td>4:30 – 4:40 pm</td>
<td>Congenital Lesions in Pregnancy: Ebstein’s Anomaly – What are the Risks?</td>
<td>Zaidi</td>
</tr>
<tr>
<td>4:40 – 4:50 pm</td>
<td>Congenital Lesions in Pregnancy Hypertrophic Obstructive Cardiomyopathy</td>
<td>Lin</td>
</tr>
<tr>
<td>4:50 – 5:00 pm</td>
<td>Closing Remarks – Adjourn</td>
<td>Wolfe, Hameed</td>
</tr>
</tbody>
</table>
Putting the “M” in MFM: Hypertensive Emergencies During Pregnancy

Course Directors: COL Shad Deering, MD; Mike Foley, MD; Dena Goffman, MD
Faculty: Cornelia Graves, MD; Leslie Moroz, MD; Loralei Thornburg, MD
CME: There is no CME credit available for this course. Location: Milano VII-VIII

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Describe approach for selecting antihypertensive agent.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Summarize indications and therapeutic options for ICU management of hypertensive emergencies.</td>
</tr>
<tr>
<td></td>
<td>3. Explain an approach to managing stroke in labor and delivery.</td>
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<tr>
<td></td>
<td>4. Prepare to implement or augment existing bundles for hypertensive emergencies.</td>
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<tr>
<td></td>
<td>5. Develop an approach to practice and debrief hypertensive emergencies.</td>
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</tbody>
</table>

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:15 pm</td>
<td>Introduction</td>
<td>Foley</td>
</tr>
<tr>
<td>1:15 – 1:45 pm</td>
<td>Hypertensive Emergencies – An Overview of the Problem with Attention to Racial Disparities</td>
<td>Graves</td>
</tr>
<tr>
<td>1:45 – 2:15 pm</td>
<td>New Thinking about Choosing the Initial Agent for Treatment: An Innovative Approach to an Old Problem</td>
<td>Foley</td>
</tr>
<tr>
<td>2:15 – 2:45 pm</td>
<td>Managing Hypertensive Emergencies Beyond L and D Protocols: ICU Management</td>
<td>Moroz</td>
</tr>
<tr>
<td>2:45 – 3:00 pm</td>
<td>Managing Stroke During Labor and Delivery: Part 1</td>
<td>Thornburg</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 – 3:45 pm</td>
<td>Managing Stroke During Labor and Delivery: Part 2</td>
<td>Thornburg</td>
</tr>
<tr>
<td>3:45 – 4:15 pm</td>
<td>Implementing Bundles – Guidelines and Checklists for Hypertensive Emergencies During Pregnancy</td>
<td>Goffman</td>
</tr>
<tr>
<td>4:15 – 4:45 pm</td>
<td>Practicing and Debriefing for HTN Emergencies</td>
<td>Deering</td>
</tr>
<tr>
<td>4:45 – 5:00 pm</td>
<td>Summary and Wrap Up</td>
<td>Faculty</td>
</tr>
</tbody>
</table>

Hands-On Workshop for Critical Care Simulation

Course Directors: COL Shad Deering, MD and Arthur “Jason” Vaught, MD
Faculty: Meredith Birsner, MD; Dena Goffman, MD; CDR Monica A. Lutgendorf, MD
CME: Up to 3.75 CME credits available* Location: Neopolitan I

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Understand how to manage and treat sepsis in pregnancy.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Gain knowledge and skills in the treatment of postpartum hemorrhage (i.e., uterotonics, correction of disseminated intravascular coagulopathy, balloon tamponade, initiation of interventional radiology or hysterectomy).</td>
</tr>
<tr>
<td></td>
<td>4. Have a complete knowledge of cardiopulmonary life support in pregnancy.</td>
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<tr>
<td></td>
<td>5. Understand cardiovascular changes in pregnancy.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:05 am</td>
<td>Introduction</td>
<td>Deering</td>
</tr>
<tr>
<td>8:05 – 8:20 am</td>
<td>Cardiac Arrest/ACLS in Pregnancy</td>
<td>Goffman</td>
</tr>
<tr>
<td>8:20 – 8:40 am</td>
<td>Sepsis in Pregnancy</td>
<td>Vaught</td>
</tr>
<tr>
<td>8:40 – 9:00 am</td>
<td>Drug Overdose/Drugs of Abuse in Pregnancy</td>
<td>Birsner</td>
</tr>
<tr>
<td>9:00 – 9:15 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>9:15 – 10:10 am</td>
<td>Simulation Stations – Rotation #1</td>
<td>All Participants</td>
</tr>
<tr>
<td>10:10 – 11:00 am</td>
<td>Simulation Stations – Rotation #2</td>
<td>All Participants</td>
</tr>
<tr>
<td>11:00 – 11:50 am</td>
<td>Simulation Stations – Rotation #3</td>
<td>All Participants</td>
</tr>
<tr>
<td>11:50 am – 12:00 pm</td>
<td>Debriefing, Wrap Up and Questions</td>
<td></td>
</tr>
</tbody>
</table>
# Hands-On Workshop for Ultrasound Guided Invasive Procedures

**Course Directors:** Brian Brost, MD and Joshua F. Nitsche, MD, PhD  
**Faculty:** Mallory Alkis, MD; Elisabeth Codsi, MD; Melissa Kozakiewicz, MD; Peter Napolitano, MD; Sarah Shepard, DO; Kristina Shumard, MD; Linda Street, MD; Sarah White, MD  
**CME:** Up to 3.5 CME credits available  
**Location:** Neopolitan II-III

## Learning Objectives

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Familiarize the participants with available options for simulating ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>2.</td>
<td>Introduce the participants to curricula specific for different ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>3.</td>
<td>Provide novice participants with instruction on the basics of ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>4.</td>
<td>Train experienced providers on how to establish an ultrasound guided invasive procedure simulation program at their institution.</td>
</tr>
<tr>
<td>5.</td>
<td>Demonstrate how simulation can be used by experienced providers to maintain skill with low-frequency procedures.</td>
</tr>
</tbody>
</table>

## Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:15 pm</td>
<td>Introduction to Ultrasound Guided Invasive Procedure Simulation</td>
<td>Brost, Nitsche</td>
</tr>
<tr>
<td>1:15 – 1:45 pm</td>
<td>Ultrasound Guidance Basics</td>
<td>Course Faculty</td>
</tr>
<tr>
<td>1:45 – 2:15 pm</td>
<td>Ultrasound Guidance Targeting Tasks</td>
<td>Course Faculty</td>
</tr>
<tr>
<td>2:15 – 3:00 pm</td>
<td>Hands-On Simulation (45-minutes each)</td>
<td>Course Faculty</td>
</tr>
<tr>
<td></td>
<td>Amniocentesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chorionic Villus Sampling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>In-Utero Stenting</td>
<td></td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:30 – 4:15 pm</td>
<td>Hands-On Simulation (45-minutes each)</td>
<td>Course Faculty</td>
</tr>
<tr>
<td></td>
<td>Amniocentesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chorionic Villus Sampling</td>
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<tr>
<td></td>
<td>In-Utero Stenting</td>
<td></td>
</tr>
<tr>
<td>4:15 – 5:00 pm</td>
<td>Hands-On Simulation (45 minutes each)</td>
<td>Course Faculty</td>
</tr>
<tr>
<td></td>
<td>Amniocentesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chorionic Villus Sampling</td>
<td></td>
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<tr>
<td></td>
<td>In-Utero stenting</td>
<td></td>
</tr>
<tr>
<td>5:00 – 5:30 pm</td>
<td>Wrap-Up and Free Practice Time</td>
<td>Brost, Nitsche</td>
</tr>
</tbody>
</table>
Hands-On Workshop for Ultrasound Guided Invasive Procedures

**Course Directors:** Brian Brost, MD and Joshua F. Nitsche, MD, PhD

**Faculty:** Mallory Alkis, MD; Elisabeth Codsi, MD; Melissa Kozakiewicz, MD; Peter Napolitano, MD; Linda Street, MD; Sarah Shepard, DO; Kristina Shumard, MD; Sarah White, MD

**CME:** Up to 3.5 CME credits available*  **Location:** Neopolitan II-III

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Familiarize the participants with available options for simulating ultrasound guided invasive procedures.</th>
</tr>
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<td></td>
<td>2. Introduce the participants to curricula specific for different ultrasound guided invasive procedures.</td>
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<td>4. Train experienced providers on how to establish an ultrasound guided invasive procedure simulation program at their institution.</td>
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<td>5. Demonstrate how simulation can be used by experienced providers to maintain skill with low-frequency procedures.</td>
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:15 am</td>
<td>Introduction to Ultrasound Guided Invasive Procedure Simulation</td>
<td>Brost, Nitsche</td>
</tr>
<tr>
<td>8:15 – 8:45 am</td>
<td>Ultrasound Guidance Basics</td>
<td>Course Faculty</td>
</tr>
<tr>
<td>8:45 – 9:15 am</td>
<td>Ultrasound Guidance Targeting Tasks</td>
<td>Course Faculty</td>
</tr>
<tr>
<td>9:15 – 10:00 am</td>
<td>Hands-On Simulation (45-minutes each)</td>
<td>Course Faculty</td>
</tr>
<tr>
<td></td>
<td>- Amniocentesis</td>
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<tr>
<td></td>
<td>- Chorionic Villus Sampling</td>
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<tr>
<td></td>
<td>- In-Utero Stenting</td>
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</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:15 am</td>
<td>Hands-On Simulation (45-minutes each)</td>
<td>Course Faculty</td>
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<tr>
<td></td>
<td>- Amniocentesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Chorionic Villus Sampling</td>
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<tr>
<td></td>
<td>- In-Utero Stenting</td>
<td></td>
</tr>
<tr>
<td>11:15 am – 12:00 pm</td>
<td>Hands-On Simulation (45 minutes each)</td>
<td>Course Faculty</td>
</tr>
<tr>
<td></td>
<td>- Amniocentesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Chorionic Villus Sampling</td>
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<tr>
<td></td>
<td>- In-Utero Stenting</td>
<td></td>
</tr>
<tr>
<td>12:00 – 12:30 pm</td>
<td>Wrap-Up and Free Practice Time</td>
<td>Brost, Nitsche</td>
</tr>
</tbody>
</table>

Periviable Preterm Birth: Obstetric Issues and Controversies

**Course Directors:** Brian Mercer, MD and Molly Stout, MD

**Faculty:** William Grobman, MD, MBA; Cynthia Gyamfi-Bannerman, MD, MSc; Brownsyne Tucker Edmonds, MD, MPH, MSc

**CME:** Up to 4 CME credits available*  **Location:** Augustus I-II

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Review the evolving and current outcomes related to periviable birth.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Identify opportunities to delay delivery or enhance newborn outcomes related to periviable birth.</td>
</tr>
<tr>
<td></td>
<td>3. Discuss current controversies in the management of the patient at risk for periviable birth.</td>
</tr>
<tr>
<td></td>
<td>4. Consider interventions to prevent or delay periviable delivery in the next pregnancy.</td>
</tr>
<tr>
<td></td>
<td>5. Discuss multidisciplinary contributions to the management of periviable birth.</td>
</tr>
<tr>
<td>Time</td>
<td>Topic</td>
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</tr>
<tr>
<td>8:00 – 8:15 am</td>
<td>Introduction and Practice Survey</td>
</tr>
<tr>
<td>8:15 – 8:45 am</td>
<td>Epidemiology and Evolution of Periviable Birth</td>
</tr>
<tr>
<td>8:45 – 9:15 am</td>
<td>The Frying Pan or the Fire: Outcomes After Aggressive Versus</td>
</tr>
<tr>
<td></td>
<td>Conservative Management of Periviable Birth</td>
</tr>
<tr>
<td>9:15 – 9:45 am</td>
<td>Obstetric Interventions to Optimize Outcomes in the Perivable Period</td>
</tr>
<tr>
<td>9:45 – 10:00 am</td>
<td>Discussion Panel</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 – 10:50 am</td>
<td>Multidisciplinary Team Protocols for Counseling and Management of Periviable Birth</td>
</tr>
<tr>
<td>10:50 – 11:10 am</td>
<td>What to do Next: Prevention of the Next Periviable Birth</td>
</tr>
<tr>
<td>11:10 – 11:30 am</td>
<td>Debate: Periviable Birth – Have We Gone Too Far?</td>
</tr>
</tbody>
</table>

**Quality Metrics in Obstetrics: Why and How?**

**Course Director:** Helen Feltovich, MD  
**Faculty:** Bryann Bromley, MD; Timothy Hall, PhD; Brian Iriye, MD; Stephanie Martin, DO; Christian Pettker, MD; Jean Spitz, MPH; Loralei Thornburg, MD  
**CME:** CME credits are available through Perinatal Quality Foundation  
**Location:** Milano VII

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Describe key performance measures and quality improvement initiatives in obstetrics.</td>
</tr>
<tr>
<td>2.</td>
<td>Compare and contrast quality metrics in OB/GYN subspecialty areas.</td>
</tr>
<tr>
<td>3.</td>
<td>Explain requirements regarding performance measures and quality improvement in OB/GYN residency and fellowship programs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:05 am</td>
<td>Welcome</td>
<td></td>
</tr>
<tr>
<td>8:05 – 8:30 am</td>
<td>Getting Acquainted with the IOM’s Six Domains of Health Care Quality</td>
<td>Feltovich</td>
</tr>
<tr>
<td>8:30 – 9:00 am</td>
<td>ACGME and Quality: What Do Our Residents and Fellows Really Need to Know?</td>
<td>Thornburg</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>Quality Measures in High-Risk Pregnancies: Recommendations From the 2016 SMFM/NICHD/ACOG Workshop</td>
<td>Iriye</td>
</tr>
<tr>
<td>9:30 – 10:00 am</td>
<td>Quality in Fetal Imaging: Partnering with the Quantitative Imaging Biomarkers Alliance (QiBA)</td>
<td>Hall</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:00 am</td>
<td>Quality in Critical Care: How to Build Your ICU</td>
<td>Martin</td>
</tr>
<tr>
<td>11:00 – 11:30 am</td>
<td>Quality on L and D: How Do We Make Labor and Delivery Safe?</td>
<td>Pettker</td>
</tr>
<tr>
<td>11:30 – 11:50 am</td>
<td>Supporting the Mission: Programs Available Through the Perinatal Quality Foundation</td>
<td>Bromley</td>
</tr>
<tr>
<td>11:50 am – 12:00 pm</td>
<td>Closing Comments</td>
<td>Spitz</td>
</tr>
</tbody>
</table>
Update in Prenatal Genetics

Course Directors: Neeta Vora, MD and Louise Wilkins-Haug, MD, PhD
Faculty: Andrea Edlow, MD, MSc; Teresa Sparks, MD; Ignatia Van den Veyver, MD
CME: Up to 5 CME credits available* Location: Augustus V-VI
Co-Sponsored by the International Society for Prenatal Diagnosis

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Describe newer non-invasive methods for prenatal genetic screening and testing that are being developed and introduced into the clinic.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Understand diagnostic yield and counseling challenges of prenatal whole exome sequencing.</td>
</tr>
<tr>
<td></td>
<td>3. Summarize the principles, benefits and pitfalls of expanded carrier screening and how to integrate it into clinical practice.</td>
</tr>
<tr>
<td></td>
<td>4. Understand how high-dimensional biology and “discovery-driven” approaches provide insight into fetal development.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:30 am</td>
<td>Course Introduction; Basics of Molecular Genetics</td>
<td>Wilkins-Haug</td>
</tr>
<tr>
<td>8:30 – 9:15 am</td>
<td>Cell-Free DNA Screening – Lessons Learned</td>
<td>Wilkins-Haug</td>
</tr>
<tr>
<td>9:15 – 10:00 am</td>
<td>What is New with Non-Invasive Prenatal DNA Screening: Moving Beyond NIPT/NIPS</td>
<td>Van den Veyver</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:15 am</td>
<td>Whole Exome Sequencing: New Opportunities and Challenges</td>
<td>Vora</td>
</tr>
<tr>
<td>11:15 am – 12:00 pm</td>
<td>Expanded Carrier Screening: Updates, Counseling Challenges and Integration into Clinical Practice</td>
<td>Van den Veyver</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Harnessing the Power of ‘Omics to Understand Fetal Development</td>
<td>Edlow</td>
</tr>
<tr>
<td>1:30 – 2:20 pm</td>
<td>Cell-Free DNA Screening, Expanded Carrier Screening, Whole Exome Sequencing: Case Presentations and Counseling Challenges</td>
<td>Sparks</td>
</tr>
<tr>
<td>2:20 – 2:30 pm</td>
<td>Q and A</td>
<td></td>
</tr>
</tbody>
</table>

USA versus Europe Debates (Diabetes, Hyperglycemia)

Course Directors: Vincenzo Berghella, MD; Mary D’Alton, MD; Gian Carlo Di Renzo, MD, PhD; Moshe Hod, MD
Faculty: Aaron Caughey, MD, PhD; Donald Coustan, MD; Celeste Durnwald, MD; Lisa Hollier, MD, MPH; Mark Landon, MD; David McIntyre, MD; Erika Werner, MD; Yariv Yogev, MD
CME: Up to 5 CME credits available* Location: Milano IV

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Evaluate the best screening tests for gestational diabetes.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3. Assess the best therapeutic options for diabetes in pregnancy.</td>
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<td></td>
<td>5. Assess how to best screen for diabetes postpartum.</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:10 am</td>
<td>Introduction and Poll</td>
<td>Berghella, D’Alton, Hod, Di Renzo</td>
</tr>
<tr>
<td>8:10 – 8:20 am</td>
<td>The Beginning: From O’Sullivan and Mahan to Carpenter and Coustan: How Did it All Start?</td>
<td>Coustan (USA)</td>
</tr>
<tr>
<td>8:20 – 8:30 am</td>
<td>The Evidence: Connecting Glucose Values to Adverse Pregnancy Outcome – The HAPO Study</td>
<td>Hod (FIGO, Israel)</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Lecturers</td>
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</tr>
<tr>
<td>8:30 – 8:50 am</td>
<td>The Guidelines: Hyperglycemia in Pregnancy FIGO vs. ACOG Where Do We Differ?</td>
<td>Hod (FIGO, Israel) Caughey (USA)</td>
</tr>
<tr>
<td>8:50 – 9:00 am</td>
<td>Discussion</td>
<td>Faculty</td>
</tr>
<tr>
<td>9:00 – 11:00 am</td>
<td>Debating Diagnosis of GDM</td>
<td>Hod (Coordinator)</td>
</tr>
<tr>
<td>9:00 – 9:40 am</td>
<td>No Dispute, Just the Facts</td>
<td>Werner (USA) Mcintyre (FIGO, Australia) Coustan (USA) Berghella (USA)</td>
</tr>
<tr>
<td>9:40 – 10:00 am</td>
<td>The Issue of “Two Abnormal Values”</td>
<td>Coustan (USA) Durnwald (USA)</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 – 11:00 am</td>
<td>The Fasting Glucose of 5.1 mM/92 mg/dL.</td>
<td>Mcintyre (FIGO, Australia) Landon (USA)</td>
</tr>
<tr>
<td>10:50 – 11:00 am</td>
<td>Discussion</td>
<td>Faculty</td>
</tr>
<tr>
<td>11:00 am – 12:00 pm</td>
<td>Discussing Management of GDM</td>
<td>Berghella (Coordinator)</td>
</tr>
<tr>
<td>11:00 – 11:15 am</td>
<td>All You Have to Know – Oral Hypoglycemic Agents (OHA)</td>
<td>Yogev (Israel) Di Renzo (FIGO, Italy) Mcintyre (FIGO, Australia)</td>
</tr>
<tr>
<td>11:45 am – 12:00 pm</td>
<td>Discussion</td>
<td>Faculty</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:00 – 2:10 pm</td>
<td>Postpartum – Life Course Approach</td>
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<tr>
<td>1:00 – 2:00 pm</td>
<td>Variations Between Regions / Ethnicities</td>
<td>Coustan (USA) Hollier (ACOG, USA) Caughey (ACOG, USA) &amp; Mcintyre (FIGO, Australia)</td>
</tr>
<tr>
<td>2:00 – 2:10 pm</td>
<td>Discussion</td>
<td>Faculty</td>
</tr>
<tr>
<td>2:10 – 2:30 pm</td>
<td>Panel Discussion and Poll, HIP – Towards a Consensus</td>
<td>Hod (Coordinator)</td>
</tr>
<tr>
<td>2:30 pm – 3:30 pm</td>
<td>What Can We Agree Upon and What Needs to be Provided to Close the Gaps?</td>
<td>Mary D’Alton (ACOG/SMFM, USA)</td>
</tr>
</tbody>
</table>
Medical Complications: Beyond the Usual Suspects

Course Directors: Michelle Owens, MD and Flint Porter, MD, MPH
Faculty: David Branch, MD; Brian Casey, MD; James Hill, MD
CME: Up to 4.5 CME credits available* Location: Augustus III-IV

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>1. Be familiar with up-to-date recommendations for anticoagulation during pregnancy.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Understand the safety of biological agents during pregnancy.</td>
</tr>
<tr>
<td></td>
<td>3. Be familiar with new recommendations regarding the diagnosis and management of hemoglobinopathies during pregnancy.</td>
</tr>
<tr>
<td></td>
<td>4. Be familiar with evidence-based recommendations regarding the diagnosis and management of thyroid disorders during pregnancy.</td>
</tr>
<tr>
<td></td>
<td>5. Recognize appropriate management of pregnancies in women with prior transplantation.</td>
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</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>8:00 – 8:10 am</td>
<td>Course Introductions</td>
<td>Owens, Porter</td>
</tr>
<tr>
<td>8:10 – 9:00 am</td>
<td>Update on Recommendations for Anticoagulation Use During Pregnancy</td>
<td>Branch</td>
</tr>
<tr>
<td>9:00 – 9:40 am</td>
<td>The Safe Use of Biologic Agents During Pregnancy</td>
<td>Porter</td>
</tr>
<tr>
<td>9:40 – 10:00 am</td>
<td>Q and A</td>
<td>Branch, Porter</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>11:15 am –12:00 pm</td>
<td>Optimizing Pregnancy Outcome After Transplant</td>
<td>Hill</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:00 – 1:50 pm</td>
<td>Thyroid Disorders in Pregnancy: Evidence-Based Guidelines for Testing and Treatment</td>
<td>Casey</td>
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</tbody>
</table>
MEMBERSHIP AND FOUNDATION FOR SMFM INFORMATION STATION

LOCATED ON THE PROMENADE LEVEL, ACROSS FROM MEETING REGISTRATION

HOURS:
Monday 9:00 am - 4:00 pm
Tuesday 8:30 am - 4:00 pm
Wednesday 8:30 am - 4:00 pm
Thursday 9:00 am - 4:00 pm
Friday 9:00 am - 4:00 pm

- Connect with Staff from SMFM and the Foundation for SMFM
- Join or Renew your SMFM Membership
- Hear about Grants and Awards Offered by the Foundation for SMFM
- Donate to the Foundation for SMFM
- Learn more about the Benefits of SMFM Membership

GET INVOLVED!

SMFM Mentor Match
SMFM’s Mentor Match program is a web-based platform that allows members to create a profile and find a mentor or mentee online! Many leading maternal-fetal medicine experts and SMFM leaders have enrolled to be mentors in fields including: education, global health, practice management, research and more. Visit SMFM.org/mentormatch to enroll today. If you have any questions or need assistance contact Tim Heinle at theinle@smfm.org.

SMFM Online Communities
Participate in SMFM Online Communities where you can collaborate, share advice, discuss clinical challenges, and connect with maternal-fetal medicine subspecialists worldwide. Log-in to your SMFM account and visit: SMFM.org/communities to access the communities today and take part in the discussions. From advocacy, coding, critical care, fellowship, fetal therapy, patient safety, ultrasound, and more – we have something for everyone. If you have any questions or need assistance contact Tim Heinle at theinle@smfm.org.

SMFM Committees
We are now accepting applications for the 2020 Committee appointments. SMFM committees and their volunteer leaders help shape the Society and the practice of maternal-fetal medicine. Members in good standing are encouraged to apply for a committee and let their voices be heard. Committee chairs will review new member applications in September and October of 2019. If selected, new members will be notified in October 2019. To learn more, visit SMFM.org/committees.
### The SMFM Thrive Project (Burnout and Wellness)

**Forum Leader:** Heather S. Lipkind, MD, MS  
**Location:** Modena

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<thead>
<tr>
<th>Time of Presentation</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>3:00 – 3:10 pm</td>
<td>Introduction and Work Over the Past Year</td>
<td>Heather S. Lipkind, MD, MS</td>
</tr>
<tr>
<td>3:10 – 3:30 pm</td>
<td>Physician Burnout Among Members of the Society for Maternal-Fetal Medicine</td>
<td>Anthony Sciscione, DO and Francine Hughes, MD</td>
</tr>
<tr>
<td>3:30 – 4:00 pm</td>
<td>Getting Back Up, Learning How To Thrive from Failure</td>
<td>Christian Pettker, MD and Heather S. Lipkind, MD</td>
</tr>
<tr>
<td>4:00 – 4:30 pm</td>
<td>Physician Wellbeing Through Workplace Efficiency for All Types of Practices</td>
<td>Dena Goffman, MD</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td>Personal Financial Freedom Through Goal Planning</td>
<td>Christopher Robinson, MD, MSCR</td>
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<tr>
<td>5:00 – 5:30 pm</td>
<td>Q and A: Brainstorming Future Goals/Research</td>
<td>All</td>
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### Critical Care

**Forum Leader:** Julie Scott, MD  
**Location:** Neopolitan I

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<tr>
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<tbody>
<tr>
<td>3:00 – 3:20 pm</td>
<td>To Clot or Not To Clot</td>
<td>Michelle Wyatt, MD</td>
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<tr>
<td>3:20 – 3:40 pm</td>
<td>HELLP!...Or Is It?</td>
<td>Audrey Ann Labrecque, MD</td>
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<tr>
<td>3:40 – 4:00 pm</td>
<td>Pregnancy Firestorm and Catastrophies</td>
<td>Kfier Kuba, MD</td>
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<tr>
<td>4:00 – 4:20 pm</td>
<td>The Case of the House Fire</td>
<td>Chibuzor Iwelu, MD</td>
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<td>4:20 – 4:40 pm</td>
<td>A Chevrolet for the Heart</td>
<td>Jill Westcott, MD</td>
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<tr>
<td>4:40 – 5:00 pm</td>
<td>Making Choices: Doctors, Patients and Family</td>
<td>Elizabeth Garchar, MD and Trevor Quiner, MD</td>
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<tr>
<td>5:00 – 5:15 pm</td>
<td>A Tangled Web: A Disease To Deceive</td>
<td>CeCe Cheng, MD</td>
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<tr>
<td>5:15 – 5:30 pm</td>
<td>Don’t Judge a Book by its Cover</td>
<td>Farrah Hussain, MD</td>
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### Diabetes in Pregnancy: Reducing Disparities and Optimizing Care During Pregnancy and Beyond

**Forum Leader:** Lynn Yee, MD, MPH  
**Location:** Neopolitan II

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<tr>
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<tbody>
<tr>
<td>3:00 – 3:10 pm</td>
<td>Welcome and Introduction</td>
<td>Lynn Yee, MD, MPH</td>
</tr>
<tr>
<td>3:10 – 3:40 pm</td>
<td>The Landscape of Disparities in Diabetes</td>
<td>Aviva Lee-Parritz, MD</td>
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<tr>
<td>3:40 – 4:10 pm</td>
<td>Individualizing Care for Women with GDM</td>
<td>Maisa Feghali, MD</td>
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<tr>
<td>4:10 – 4:40 pm</td>
<td>Interconception Care for Women with Diabetes</td>
<td>Annie Dude, MD, PhD</td>
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<tr>
<td>4:40 – 5:10 pm</td>
<td>Patient Navigation as a Novel Approach to Engaging Women with Diabetes</td>
<td>Lynn Yee, MD, MPH</td>
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<tr>
<td>5:10 – 5:30 pm</td>
<td>Future Direction, Questions and Discussion</td>
<td>Panel</td>
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</table>
### Fetal Cardiology

**Forum Leader:** Greggory R. DeVore, MD  
**Location:** Milano III

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<tr>
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<tbody>
<tr>
<td>3:00 – 3:45 pm</td>
<td>Speckle Tracking Analysis of the Fetal Heart: A New Technology for Assessment of Ventricular Size, Shape and Contractility in High-Risk Fetuses</td>
<td>Greggory R. DeVore, MD</td>
</tr>
<tr>
<td>3:45 – 4:30 pm</td>
<td>Optical Simulation of the Fetal Heart: New Findings</td>
<td>Lami Yeo, MD</td>
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<tr>
<td>5:15 – 5:30 pm</td>
<td>Q and A</td>
<td>All</td>
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### Genetics

**Forum Leader:** Teresa Sparks, MD  
**Location:** Augustus III-IV

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<tr>
<td>3:00 – 3:50 pm</td>
<td>Difficult Cases and Unknown Diagnoses</td>
<td>Barbara O’Brien, MD</td>
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<td>4:00 – 4:25 pm</td>
<td>Cell-Free Diagnosis of Single Gene Disorders</td>
<td>Kathryn Gray, MD, PhD</td>
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<td>4:30 – 4:55 pm</td>
<td>Practicalities of Prenatal Whole Exome Sequencing</td>
<td>Neeta Vora, MD</td>
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<tr>
<td>5:00 – 5:25 pm</td>
<td>New and Ongoing Research in MFM/Genetics</td>
<td>Teresa Sparks, MD</td>
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### Global Health

**Forum Leader:** Homa Ahmadzia, MD, MPH and Marcela Smid, MD  
**Location:** Milano V

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<tr>
<th>Time of Presentation</th>
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<tbody>
<tr>
<td>3:10 – 3:50 pm</td>
<td>WOMAN Trial: Challenges and Solutions to Conducting an International RCT</td>
<td>Ian Roberts, MD</td>
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<tr>
<td>3:50 – 4:30 pm</td>
<td>Building a Global Women’s Health Division: Experiences from the Trenches</td>
<td>Jeff Stringer, MD</td>
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<tr>
<td>4:30 – 5:10 pm</td>
<td>Global Network NICHD Updates</td>
<td>Elizabeth McClure, PhD</td>
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### Hypertension (Subtyping Preeclampsia: Beyond Severity and Gestational Age)

**Forum Leader:** Mark Santillan, MD, PhD  
**Location:** Neopolitan III

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<tr>
<td>3:00 – 3:50 pm</td>
<td>Circulating Early Pregnancy Microparticles as a Means to Phenotype Preeclampsia</td>
<td>Thomas McElrath, MD, PhD</td>
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<td>3:50 – 4:40 pm</td>
<td>Molecular and Histological Subtyping of the Placenta in Preeclampsia</td>
<td>Brian Cox, PhD</td>
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<td>4:40 – 5:30 pm</td>
<td>Should Maternal Hemodynamics Guide Antihypertensive Therapy in Preeclampsia?</td>
<td>Kelsey McLaughlin, PhD</td>
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Infection and Inflammation in Pregnancy

**Forum Leader:** Martha Rac, MD  
**Location:** Trevi

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<tbody>
<tr>
<td>3:00 – 3:45 pm</td>
<td>Emerging Infections in Obstetrics</td>
<td>Dana Meaney-Delman, MD, MPH</td>
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<td>3:45 – 4:30 pm</td>
<td>Sepsis: Sepsis in Obstetrics Score</td>
<td>Brenna Hughes, MD, MSc</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td>Discussion</td>
<td>Martha Rac, MD</td>
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Labor and Delivery

**Forum Leader:** Vincenzo Berghella, MD  
**Location:** Siena

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<tbody>
<tr>
<td>3:00 – 3:10 pm</td>
<td>Welcome and Introductions</td>
<td>Vincenzo Berghella, MD</td>
</tr>
<tr>
<td>3:10 – 3:30 pm</td>
<td>Clinical Implications of the ARRIVE Trial</td>
<td>William Grobman, MD, MBA</td>
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<td>3:30 – 3:50 pm</td>
<td>Best Induction Methods</td>
<td>Corina Schoen, MD</td>
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<tr>
<td>3:50 – 4:10 pm</td>
<td>Fetal Monitoring: What Works?</td>
<td>Alison Cahill, MD, MSCI</td>
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<td>4:10 – 4:30 pm</td>
<td>First Stage of Labor: Newest Evidence</td>
<td>Gabriele Saccone, MD</td>
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<tr>
<td>4:50 – 5:10 pm</td>
<td>Newest Best Techniques for a Safe Cesarean Delivery</td>
<td>Vincenzo Berghella, MD</td>
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<tr>
<td>5:10 – 5:30 pm</td>
<td>Q and A</td>
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Maternal-Fetal Surgery (Fetal Therapy)

**Forum Leader:** Stephen P. Emery, MD  
**Location:** Milano I

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<tr>
<td>3:00 – 3:30 pm</td>
<td>Renal Agenesis Fetal Therapy (RAFT) Trial</td>
<td>Eric Jelin, MD</td>
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<td>3:30 – 4:00 pm</td>
<td>Minimally-Invasive Management of Fetal Lung Masses</td>
<td>Greg Ryan, MD</td>
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<tr>
<td>4:00 – 4:30 pm</td>
<td>Microcoil Embolization for Giant Placental Chorangioma</td>
<td>Stephen Emery, MD</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td>In Utero Stem Cell Transplantation for Alpha Thalasemia Major</td>
<td>Tippi MacKenzie, MD</td>
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<tr>
<td>5:00 – 5:30 pm</td>
<td>Q and A</td>
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Obesity in Pregnancy (What Are Our Options Today?)

**Forum Leader:** Patrick Catalano, MD  
**Location:** Milano VIII

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<tbody>
<tr>
<td>3:00 – 3:45 pm</td>
<td>“Eating For Two”: Diet and Nutrition for Pregnant Women with Obesity</td>
<td>Cara Dolin, MD, MPH</td>
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<tr>
<td>3:45 – 4:30 pm</td>
<td>Prepare: A Randomized Trial to Evaluate How a Prepregnancy Behavioral Weight-Loss Intervention Impacts Pregnancy Outcomes in Women Who Are Overweight or Have Obesity</td>
<td>Erin S. LeBlanc, MD, MPH</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td>Bariatric Surgery Prior to Pregnancy: Do the Benefits Outweigh the Risks?</td>
<td>Fenice Feig, MD, MSc, FRCPC</td>
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<tr>
<td>5:00 – 5:30 pm</td>
<td>Variations in Resting Metabolic Rate (RMR) During Pregnancy: Effects on Gestational Weight Gain</td>
<td>Patrick Catalano, MD</td>
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### Obstetric Quality & Safety
**Forum Leader:** Amy C. Hermesch, MD, PhD  
**Location:** Augustus V-VI

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<tr>
<td>3:00 – 3:30 pm</td>
<td>Debate: Research Versus Quality</td>
<td>Dwight Rouse, MD, MSPH and Amy Hermesch, MD, PhD</td>
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<td>3:30 – 3:40 pm</td>
<td>Discussion</td>
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<tr>
<td>3:40 – 4:10 pm</td>
<td>Induction of Labor: Quality Improvement Considerations</td>
<td>Elliott K. Main, MD</td>
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<td>4:10 – 4:20 pm</td>
<td>Discussion</td>
<td>All</td>
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<tr>
<td>4:20 – 4:50 pm</td>
<td>Incorporating and Tracking Health Care Disparities in Quality Improvement</td>
<td>Allison Bryant, MD, MPH</td>
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<tr>
<td>4:50 – 5:00 pm</td>
<td>Discussion</td>
<td>All</td>
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<tr>
<td>5:00 – 5:20 pm</td>
<td>Change Management Strategies for Labor and Delivery Units</td>
<td>Amy C. Hermesch, MD, PhD</td>
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<tr>
<td>5:20 – 5:30 pm</td>
<td>Discussion</td>
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### Perinatal Epidemiology
**Forum Leader:** Jacob Larkin, MD and Edward Springel, MD  
**Location:** Milano VI

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<tr>
<td>3:00 – 3:30 pm</td>
<td>Challenges and Methodological Pitfalls in Examining Stillbirth and Fetal Growth Restriction</td>
<td>Rachel Pilliod, MD</td>
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<tr>
<td>3:30 – 4:00 pm</td>
<td>Lessons from the Stillbirth Collaborative Research Network</td>
<td>Donald Dudley, MD</td>
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<tr>
<td>4:00 – 4:30 pm</td>
<td>Late Pregnancy Screening for Fetal Growth Restriction to Prevent Stillbirth</td>
<td>Gordon Smith, MD, PhD, DSc</td>
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### Perinatal Mental Health
**Forum Leader:** Emily S. Miller, MD, MPH and M. Camille Hoffman, MD, MSCS  
**Location:** Livorno

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<tr>
<td>3:00 – 3:10 pm</td>
<td>Introductions, Election of New Forum Leadership Process</td>
<td>Emily S. Miller, MD, MPH</td>
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<tr>
<td>3:10 – 3:40 pm</td>
<td>Psychiatric Emergencies in Pregnancy</td>
<td>M. Camille Hoffman, MD, MSCS</td>
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<tr>
<td>3:40 – 4:20 pm</td>
<td>The Role of the MFM In Management of Bipolar Disorder in Pregnancy</td>
<td>Crystal Clark, MD, MSc</td>
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<td>4:20 – 5:00 pm</td>
<td>On the Horizon: Allopregnanolone, a Novel Medication for the Treatment of Postpartum Depression</td>
<td>TBD</td>
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<tr>
<td>5:00 – 5:30 pm</td>
<td>Questions and Conclusions</td>
<td>Emily S. Miller, MD MPH and M. Camille Hoffman, MD, MSCS</td>
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### Placenta Accreta
**Forum Leader:** Alireza A. Shamshirsaz, MD and Daniela Carusi, MD, MSc  
**Location:** Milano IV

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<tr>
<td>3:00 – 3:20 pm</td>
<td>The Role of MRI for Diagnosis</td>
<td>Brett Einerson, MD, MPH</td>
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<td>3:20 – 3:40 pm</td>
<td>What is New in Accreta Research?</td>
<td>Deirdre Lyell, MD</td>
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<tr>
<td>3:40 – 4:00 pm</td>
<td>Use of REBOA in Accreta and the Database</td>
<td>Karin A. Fox, MD, MEd</td>
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<tr>
<td>4:00 – 4:20 pm</td>
<td>Placenta Accreta and Uterine Factor Infertility</td>
<td>Daniela Carusi, MD, MSc</td>
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<tr>
<td>4:20 – 4:40 pm</td>
<td>Update on Abnormally Invasive Placenta Consortium: Twin Accreta</td>
<td>Alireza A. Shamshirsaz, MD</td>
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<td>4:40 – 5:00 pm</td>
<td>Discussion</td>
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## Pregnancy as a Window to Future Health
**Forum Leader:** Nicole Marshall, MD and Elizabeth Langen, MD  
**Location:** Verona

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<td>3:00 – 3:05 pm</td>
<td>Welcome and Introduction</td>
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<tr>
<td>3:05 – 3:50 pm</td>
<td>Metabolic Heterogeneity in Pregnancy: Normal, Obesity, and GDM Implications for Future Therapeutic Strategies</td>
<td>Teri Hernandez, PhD, RN</td>
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<td>3:50 – 4:35 pm</td>
<td>Opioid Prescribing After Delivery: Implications for Women’s Health</td>
<td>Sarah Osmundson, MD, MS</td>
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<td>4:35 – 5:15 pm</td>
<td>Debate: Maternalist or Fetalist – Future Health Implications and Research Gaps</td>
<td>Elizabeth Langen, MD and Nicole Marshall, MD</td>
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<tr>
<td>5:15 – 5:30 pm</td>
<td>Future Directions, Elections</td>
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## Preterm Labor (Future Frontiers in Preterm Birth Prediction and Prevention)
**Forum Leader:** Sonia S. Hassan, MD  
**Location:** Augustus I-II

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<tr>
<td>3:00 – 3:10 pm</td>
<td>Introduction</td>
<td>Sonia S. Hassan, MD</td>
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<td>3:10 – 3:40 pm</td>
<td>Single Cell Transcriptomics to Identify Placental Biomarkers for Preterm Labor</td>
<td>Roberto Romero, MD, DMed.Sci</td>
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<td>3:40 – 3:50 pm</td>
<td>Q and A</td>
<td>All</td>
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<tr>
<td>3:50 – 4:20 pm</td>
<td>Using Cell-free RNA to Predict Gestational Age and Preterm Delivery</td>
<td>Joan Camunas, PhD</td>
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<td>4:20 – 4:30 pm</td>
<td>Q and A</td>
<td>All</td>
</tr>
<tr>
<td>4:30 – 5:00 pm</td>
<td>Preventing Preterm Birth: New Approaches to Labor Therapeutics Using Nanoparticles</td>
<td>Roger Smith, PhD, MBBS, Hons., FRACP, FRANZCOG, FSFB</td>
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<tr>
<td>5:00 – 5:10 pm</td>
<td>Q and A</td>
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<td>5:10 – 5:30 pm</td>
<td>Panel discussion</td>
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## Toxicology and Substance Abuse in Pregnancy
**Forum Leader:** Agatha Critchfield, MD  
**Location:** Turin

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<td>Introductions</td>
<td>Agatha Critchfield, MD</td>
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<td>3:10 – 3:50 pm</td>
<td>Infectious complications in the SUD patient population</td>
<td>Brenna Hughes, MD, MSc</td>
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<tr>
<td>3:50 – 4:30 pm</td>
<td>Labor and delivery management for the OUD patient</td>
<td>Marjorie C. Meyer, MD</td>
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<td>4:30 – 5:10 pm</td>
<td>Cannabis in pregnancy</td>
<td>Torri Metz, MD, MSCR</td>
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<tr>
<td>5:10 – 5:30 pm</td>
<td>Q and A, Closing</td>
<td>All</td>
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## Ultrasound (Chest “Masses”: The Common and the Uncommon)
**Forum Leader:** Sarah G. Obican, MD  
**Location:** Milano II

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<tr>
<th>Time of Presentation</th>
<th>Title of Presentation</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 – 3:10 pm</td>
<td>Introduction of Topic and Speakers</td>
<td>Sarah G. Obican, MD</td>
</tr>
<tr>
<td>3:10 – 3:40 pm</td>
<td>CPAM: Congenital Pulmonary Airway Malformation</td>
<td>Sarah G. Obican, MD</td>
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<tr>
<td>3:40 – 4:10 pm</td>
<td>BPS: Bronchopulmonary Sequestration</td>
<td>Joan Mastrobattista, MD</td>
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<tr>
<td>4:10 – 4:40 pm</td>
<td>CDH and Eventeration</td>
<td>Chia-Ling Nhan Chang, MD</td>
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<tr>
<td>4:40 – 5:10 pm</td>
<td>Other Chest Masses/Differential: Lymphangioma, Thymoma, Pericardial Mass</td>
<td>Julia Solomon, MD</td>
</tr>
<tr>
<td>5:10 – 5:30 pm</td>
<td>Q and A</td>
<td>Panel</td>
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</tbody>
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Lunch Symposium

Image is everything. Transforming the ultrasound experience for clinicians and the women we care for. Presented by Dr. Martin Chavez, Director of Maternal & Fetal Medicine & Fetal Surgery at NYU, Winthrop Hospital. Event includes a live ultrasound scanning demonstration on our new Premium Ultrasound System Hera W10. Complimentary lunch will be provided.

This independent presentation is not part of the official program as planned by the SMFM Pregnancy Meeting™ Program Committee. Pre-registration is required, visit https://www.smfm.org/meetings/5-smfm-39th-annual-pregnancy-meeting to register.

Tuesday, Feb. 12 Augustus Ballroom III-IV, Emperor’s level
12:00pm – 1:00pm

New Product Unveiling

Meet Hera W10, our new Premium Ultrasound System designed specifically for Women’s Health. Champagne toast and hors d’oeuvres will be served.

Wednesday, Feb. 13 Samsung Booth #122 in the Octavius Ballroom
6:15pm

Hospitality Suite – Be our Valentine!

Join us for a live scanning demonstration on Hera W10, our new Premium Ultrasound System, by Dr. Martin Chavez, Director of Maternal & Fetal Medicine & Fetal Surgery at NYU, Winthrop Hospital. Complimentary food and beverages will be served as well as drawings for Samsung merchandise.

Thursday, Feb. 14 Augustus Ballroom V - VI, Emperor’s level
6:00pm – 9:00pm

Visit us at SMFM booth #122
THURSDAY, FEBRUARY 14

Oral Session I, Plenary (Abstracts 1-8) ........................................... 8:15 – 10:15 am, Augustus Ballroom

Late-Breaking Abstracts (LB01-LB02) ........................................... 10:15 - 10:45 am, Augustus Ballroom

Poster Session I: Antepartum Fetal Assessment/Clinical Obstetrics/Fetus/Obstetric Quality and Safety/Public Health-Global Health
(Abstracts 110-299) .................................................. 10:30 am – 12:00 pm, Octavius Ballroom

Oral Concurrent Sessions .............................................................. 1:15 – 4:00 pm
Session 1: Prematurity (Abstracts 9-19) ................................... Augustus Ballroom 1-2
Session 2: Induction of Labor (Abstracts 20-30) ................... Augustus Ballroom 3-4
Session 3: Basic Science 1 (Abstracts 31-41) ...................... Augustus Ballroom 5-6

Poster Session II: Clinical Obstetrics/Diabetes/Doppler Assessment/Hypertension/Prematurity
(Abstracts 300-489) .................................................. 4:00 – 5:30 pm, Octavius Ballroom
FRIDAY, FEBRUARY 15

Oral Session II, Fellows Plenary (Abstracts 42-49). 8:00 – 10:00 am, Augustus Ballroom

Late-Breaking Abstract (LB03) 10:00 – 10:15 am, Augustus Ballroom

Poster Session III: Diabetes/Hypertension/Infectious Disease/Labor/Medical-Surgical-Diseases-Complications/Prematurity (Abstracts 490-679) 10:30 am – 12:00 pm, Octavius Ballroom

Oral Concurrent Sessions 1:15 – 3:45 pm
Session 4: Ob Quality and Safety (Abstracts 50-59) Augustus Ballroom 1-2
Session 5: Fetal Therapy and Genetics (Abstracts 60-69) Augustus Ballroom 3-4
Session 6: Clinical Obstetrics 1 (Abstracts 70-79) Augustus Ballroom 5-6

Poster Session IV: Education-Simulation/Epidemiology/Healthcare Policy-Economics/Intrapartum Fetal Assessment/Labor/Medical-Surgical-Diseases-Complications/Ultrasound-Imaging (Abstracts 680-869) 4:00 – 5:30 pm, Octavius Ballroom

SATURDAY, FEBRUARY 16

Oral Concurrent Sessions 8:45 – 11:15 am
Session 7: Medical Complications (Abstracts 80-89) Milano Ballroom 1-3
Session 8: Clinical Obstetrics 2 (Abstracts 90-99) Milano Ballroom 5-6
Session 9: Basic Science 2 (Abstracts 100-109) Milano Ballroom 7-8

Poster Session V: Computers/Genetics/Neonatology/Operative Obstetrics/Physiology-Endocrinology/Ultrasound-Imaging (Abstracts 870-1059) 11:30 am – 1:00 pm, Octavius Ballroom

All abstracts are published in the January supplement of AJOG.
**LUNCHEON ROUNDTABLES**

Back by popular demand are the luncheon roundtables, featuring timely presentations by authorities in the specialty. Topics will cover current controversies and concerns in maternal-fetal medicine. Attendance at each session is limited and pre-registration is essential. The registration fee for the luncheon roundtables include a box-lunch, beverage, and the opportunity to hear some of the most respected names in MFM, discuss today’s “hot button” issues.

**Thursday, February 14: 12:00 – 1:00 pm**
A. The Evaluation and Management of Stillbirth - Uma Reddy, MD, Milano I  
B. Prenatal Application of Advanced Genetic Technologies - Britton Rink, MD and Mary Norton, MD, Milano II  
C. The Most Common Financial and Management Errors in an MFM Practice, University, and Community Edition - Brian Iriye, MD, Milano III  
D. The ARRIVE Trial: Results and Clinical Implications – William Grobman, MD, MBA, Milano IV  
E. Expanding the Role of Low Dose Aspirin in Obstetrics: Is it Warranted? - Cynthia Gyamfi-Bannerman, MD, MSc; Tracy Manuck, MD; and Flint Porter, MD, MPH, Milano V

**Friday, February 15: 12:00 – 1:00 pm**
F. Counseling and Management of the Patient with Early Preterm IUGR - Alfred Abuhamad, MD and Juliana Gevaerd Martins, MD, Milano I  
G. Cell-Free DNA Screening and Identification of Women at Increased Risk for Cancer (ABOG-SMFM Sponsored Roundtable) - Diana Bianchi, MD, Milano II  
H. Antenatal Management of Monochorionic-Diamniotic Twins: Screening for TTTS, Selective IUGR and TAPS - Russell Miller, MD, Milano III  
I. The Use of Vaginal Progesterone and Cerclage for the Prevention of Preterm Birth - Vincenzo Berghella, MD and Roberto Romero, MD, DMedSci, Milano IV  
J. Management of Women with Opioid Addiction - Judette Louis, MD, MPH; Jason Fields, MD; and Aleksandra Polic, MD, Milano V

**INDUSTRY-SPONSORED LEARNING LUNCHES**

These independent presentations are not part of the official program as planned by the SMFM Program Committee. Lunch is provided and there is no cost to attend, but attendees must be registered in advance.

**Tuesday, February 12: 12:00 – 1:00 pm**  
**Augustus III-IV**

**SAMSUNG**  
Samsung presents, “Image is Everything: Transforming the Ultrasound Experience for Clinicians and the Women We Care For.”

**Tuesday, February 12: 12:00 – 1:00 pm**  
**Verma/Turin/Trevi**

**Myriad. WOMEN’S HEALTH**  
Myriad Women’s Health, Inc. presents a Sponsored Lunch: “An Update on Rare Autosomal Aneuploidies (RAA)- What a Difference a Year makes!”

**Thursday, February 14: 12:00 – 1:00 pm**  
**Milano VI**

**SAGE THERAPEUTICS**  
Sage Therapeutics presents, “Postpartum Depression through the Eyes of the Patient and Healthcare Provider.”

**Friday, February 15: 12:00 – 1:00 pm**  
**Milano VI**

**Hologic**  
Hologic presents, “Evaluating the Patient with Symptoms of Preterm Labor: What We Get Right and Where We’ve Gone Wrong,” with Michael Ruma, MD, MPH.
EXHIBIT PASSPORT TO PRIZES

GET YOUR PASSPORT STAMPED BY AT LEAST 20 EXHIBITORS FOR A CHANCE TO WIN!
Welcome the Society for Maternal-Fetal Medicine’s Industry Exhibits 2019. We invite you – or should we say? challenge you – to visit as many SMFM exhibitors you can. Attendees will receive an exhibit passport when checking in at the meeting registration counter. Your passport can be “stamped” at any participating exhibitor in the Octavius Ballroom and foyer. In order to be eligible to win, you must get the passport sponsor’s stamp. The 2019 passport sponsor is QIAGEN, so be sure to stop by booth 200 to get your sponsor stamp! Collect at least 20 exhibitor stamps and return your stamped passport to any of the drop-off boxes in the SMFM exhibit or registration areas by Friday, February 15 at 4:00 pm for a chance to win exciting prizes.

Sponsored by

QIAGEN

Your Chance to Win a $500 Gift Card and More!

TOP 5 SMFM ADVOCACY WINS OF 2018

1. Secured record-breaking federal funding for maternal health
2. Passed federal legislation authorizing standardized data collection on maternal mortality
3. Developed new tools for advocates
4. Passed federal legislation reauthorizing efforts to reduce preterm birth
5. Narrowed gaps in knowledge on safe therapies for pregnant and lactating women with the release of the PRGLAC Task Force Report

THANK YOU to all of our advocates

SMFM.org/USA

PROGRESS TOWARD REDUCING MATERNAL MORTALITY MAP

SMFM.org/USA
DIVERSITY TASK FORCE RECEPTION

February 13, 5:30 - 7:30 pm
(Pisa/Palermo)

Connect with other MFM interested in issues related to diversity and inclusion.

Food and Beverage for this Event, Sponsored by amag

OPENING RECEPTION

Wednesday, February 13 from 6:00 - 8:00 pm,
Octavius Ballroom and Foyer

The place to be for all attendees will be the exhibit hall for the official kick-off of the Pregnancy Meeting. Mix and mingle with old friends and colleagues and meet new ones over drinks and lite hor d’oeuvres.

Sponsored by illumina®

PHOTO BOOTH

Capture a memory or update your professional headshot at the Pregnancy Meeting! Visit the Photo Booth inside the main entrance of the exhibit hall and take home a photo print out. Open during exhibit hours.

Sponsored by

DAILY YOGA

First-timers and experts are welcome in twice daily yoga classes, led by Dr. Shilpa Babber. Class times vary, see pages 10-11 for times and locations.

Sponsored by

COMMERCIALLY SUPPORTED EVENTS AND SPONSORSHIPS

46 • Society for Maternal Fetal-Medicine • Stay Connected with #SMFM19
Onsite childcare services are available, in part, thanks to UT Health McGovern Medical School. Pre-registration required.

Sponsored by

UTHealth McGovern Medical School

Department of Obstetrics and Gynecology and Reproductive Services

19TH ANNUAL MEET-THE-FELLOWS RECEPTION
(invitation only)
Thursday, February 14
6:30 – 7:30pm in Milano 7-8

An opportunity for fellows-in-training to meet the past and present leadership of SMFM in an informal atmosphere. The Meet-the-Fellows Reception is by invitation only and sponsored by Obsterix Medical Group an affiliate of Mednax.

FOUNDATION FOR SMFM 5K RUN/WALK
February 16 at 6:30 am

Get some exercise and support a good cause with the annual Foundation for SMFM 5K Run/Walk. Registration is $50 and all participants will receive a t-shirt before the race. Register at http://bit.ly/2DvFowA and gather near the valet parking entrance to the Forum Shops by 6:00 am on Saturday.

Sponsored by

SAGE THERAPEUTICS.
EXHIBITOR ACKNOWLEDGEMENTS

The Society for Maternal-Fetal Medicine extends sincere thanks and appreciation to the following companies and organizations for their participation in the Pregnancy Meeting’s Industry Exhibits. The following are identified as supporting and taking an active interest in the activities of the Society.

2nd World Congress Maternal Fetal Neonatal Medicine
Booth 411
www.mcscientificevents.eu/worldmfnm/
April 4-6, 2019 in London. Main topics include: Interventions which matter, environmental toxicants and reproduction, the challenge of IUGR fetus and newborn, the origins of neurodevelopmental disease, obesity and its impact on maternal infant health, nutrition and early feeding in perinatal period, prevention of major obstetric syndromes and neonatal intensive care.

3D Systems Simbionix
Booth 415
simbionix.com
Experience the Simbionix U/S Mentor simulator for the training of ultrasound-related examinations and interventions. Sonography Basic Skills, Basic GYN, OB First Trimester, OB Second Trimester, Fetal Neurosonography and Fetal Echo Modules are available for a hands-on demo. Now with VR, the U/S Mentor offers a fully immersive experience. Request a demo at your institution: healthcare@3dsystems.com or learn more at www.simbionix.com

Abiomed
Booth 408
www.abiomed.com
ABIMED Based in Danvers, Massachusetts, Abiomed, Inc. is a leading provider of medical devices that provide circulatory support. Our products are designed to enable the heart to rest by improving blood flow and/or performing the pumping of the heart. For additional information, please visit: www.abiomed.com

ACOG Long Acting Reversible Contraception (LARC) Program
Booth 102
www.acog.org/larc
The Long-Acting Reversible Contraception (LARC) Program at the American College of Obstetricians and Gynecologists works to lower the unintended pregnancy in the U.S by connecting providers, patients, and the public with the most up-to-date information and resources on LARC methods (IUDs and the contraceptive implant) and increasing access to the full range of contraceptive methods.

Advocate Children’s Hospital
Booth 425
advocatechildrenshospital.com/care-and-treatment/center-for-fetal-care/
Center for Fetal Care at Advocate Children’s hospital (ACH). Nationally recognized Center of Excellence for fetal therapy, neonatal care and Heart Institute. 1st in Illinois since 2011, to perform laser therapy for TTTS. Comprehensive multidisciplinary services from fetal diagnosis to newborn care, provided by ACH neonatal and pediatric specialists. Offering fetal endoscopic and image guided procedures, including: Laser Ablation, RFA, bi-polar cord coagulation and shunt shunt placements. Advanced expertise in open fetal surgery.

AIUM - The American Institute of Ultrasound in Medicine
Booth 432
www.aium.org
The American Institute of Ultrasound in Medicine (AIUM) is a multidisciplinary professional association dedicated to advancing medical ultrasound by providing education, fostering best practices, and facilitating research.

AMAG Pharmaceuticals, Inc.
Booth 108
www.amagpharma.com
AMAG is a pharmaceutical company focused on bringing innovative products to patients with unmet medical needs. The company does this by leveraging its development and commercial expertise to invest in and grow its pharmaceutical products across a range of therapeutic areas, including women’s health. In addition, AMAG seeks to collaborate on and acquire promising therapies at various stages of development and advance them through the clinical and regulatory process to deliver new treatment options to patients. For additional company information, please visit www.amagpharma.com.

Applied Medical
Booth 345
www.appliedmedical.com
Applied Medical is dedicated to developing and providing technologies that enable advanced surgical procedures and optimize patient outcomes. It is our mission to achieve this while also reducing healthcare costs and offering

The AIUM supports its members by providing tools and training to encourage development; and supports the industry by setting standards and determining requirements for practice accreditation, which can improve your practice and show commitment to the highest quality of patient care. For more information, visit aium.org.

FOUNDATION FOR SMFM CORPORATE COUNCIL PREMIER MEMBER
AMAG Pharmaceuticals, Inc.
Booth 108
www.amagpharma.com
AMAG is a pharmaceutical company focused on bringing innovative products to patients with unmet medical needs. The company does this by leveraging its development and commercial expertise to invest in and grow its pharmaceutical products across a range of therapeutic areas, including women’s health. In addition, AMAG seeks to collaborate on and acquire promising therapies at various stages of development and advance them through the clinical and regulatory process to deliver new treatment options to patients. For additional company information, please visit www.amagpharma.com.
unrestricted choice. Applied is committed to advancing minimally invasive surgery by offering clinical solutions and sophisticated training, including workshops, symposia and our simulation-based training programs.

**FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER**

**AS Software, Inc.**

Booth 144

as-software.com

AS-OBGYN™ delivers state-of-the-art ultrasound reporting and image management designed for women’s healthcare and tailored for Maternal Fetal Medicine (MFM). It is a scalable and robust solution utilizing a structured, clinical database to efficiently manage ultrasound information. The integrated image management solution allows you to finalize your reports with embedded images in seconds. AS-OBGYN is intuitive and easy to use, with world-class support provided by an industry leader.

**Bayhealth Medical Center Booth 440**

www.bayhealth.org/

As central and southern Delaware’s largest healthcare system, Bayhealth is comprised of Bayhealth Hospital, Kent Campus and Bayhealth Milford Memorial, the freestanding Emergency Department in Smyrna as well as numerous satellite facilities and employed physician practices encompassing a variety of specialties. Bayhealth is a technologically advanced not-for-profit healthcare system with more than 3,700 employees and a medical staff of more than 400 physicians.

**Baylor Genetics Booth 406**

www.baylorganetics.com

Baylor Genetics is a joint venture of Miraca Holdings, Inc. and Baylor College of Medicine, including the #1 NIH funded Department of Molecular and Human Genetics. A pioneer of precision medicine for nearly 40 years, Baylor Genetics now offers a full spectrum of clinically relevant genetic testing, access to world-renowned experts, and the confidence to provide patients with the best care.

**Boston Children’s Hospital Advanced Fetal Care Center Booth 434**

www.childrenshospital.org/centers-and-services/programs/a-_-_e/advanced-fetal-care-center-program

A multidisciplinary team at Boston Children’s and Brigham & Women’s Hospitals is offering fetal intervention for vein of Galen malformation (VOGM) on a compassionate-care basis to a small number of patients. This clinical group has significant expertise in neonatal VOGM treatment and fetal cardiac interventions. Candidates must have in utero diagnosis of VOGM, along with poor prognostic findings, such as hydrops, effusions, and heart failure, with largely intact brain parenchyma. Contact 617-355-6512 or AFCCReferrals@childrens.harvard.edu.

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**SMFM PRACTICE MANAGEMENT CONSULTING**

SMFM.org/consulting

Contact Tim Heinle
+1 (202) 517-6353
theinle@smfm.org

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Boulder Abortion Clinic, PC
Booth 431
drhern.com
Boulder Abortion Clinic, the private practice of Dr. Warren M. Hern, has been providing quality care for women since 1973. Specializing in late abortion, outpatient services are provided to select patients over 30 menstrual weeks for documented fetal anomaly, fetal demise, or maternal medical indications. Having a tradition of research and training in abortion services, the facility has an experienced, dedicated, and bilingual staff. Post procedure assistance with genetic testing and grievance services are available.

Cambridge University Press
Booth 922
www.cambridge.org/academic
Cambridge University Press’ publishing in books and journals combines state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand to browse new titles, available at 20% discount, and to pick up sample copies of our journals. Visit our website to find out more about what we do: www.cambridge.org/academic.

Center for Fetal Diagnosis and Treatment at The Children’s Hospital of Philadelphia
Booth 306
www.chop.edu/centers-programs/center-fetal-diagnosis-and-treatment#.V9mRBpgrLcs
Celebrating two decades of advances, excellence and hope, The world’s largest prenatal therapy program has welcomed more than 20,000 families from around the globe. Team members pioneered the surgical techniques and care protocols that today define the field. A co-leader of the landmark Management of Myelomeningocele Study proving the efficacy of fetal surgery for MMC. Home to the world’s first delivery unit housed within a pediatric hospital and dedicated exclusively to pregnancies complicated by birth defects.

Chicago Institute for Fetal Health
Booth 410
LurieChildrens.org
With more than 40 years’ experience, Chicago Institute for Fetal Health is a leader in the research and care of pregnant women with fetal complications. As one of only a few comprehensive fetal centers in the country, the institute is able to offer pre-birth counseling and care, as well as corrective fetal intervention if needed, including both twin to twin transfusion syndrome (TTTS) laser treatments and spina bifida (myelomeningocele – MMC) repair in utero, among others. In fact, we are the only fetal center in Illinois that performs MMC repair in utero.

Children’s Health
Booth 404
www.childrens.com
Children’s HealthSM is the eighth-largest pediatric health care provider in the nation and the leading pediatric health care system in North Texas, providing a full spectrum of health care services. Children’s Health has been consistently named one of the nation’s top pediatric providers by U.S. News & World Report.

Children’s Hospital of Wisconsin
Booth 201
www.chw.org
The Fetal Concerns Center at Children’s Hospital of Wisconsin provides a comprehensive team approach – incorporating the referring physician, patient family, maternal fetal medicine specialist, nurse care coordinator, neonatologist and pediatric care specialists. For more than 15 years, the center has served the special needs of women and families, coordinating services for more than 500 families across the United States each year. The center operates in close collaboration with Froedtert & the Medical College of Wisconsin.

Cincinnati Fetal Center
Booth 305
www.cincinnatichildrens.org/service/fetal-care
The Cincinnati Fetal Center brings together renowned fetal and maternal medicine specialists, leading technologies, and a full range of integrated support services from Cincinnati Children’s Hospital Medical Center, Good Samaritan Hospital and University of Cincinnati Medical Center. This innovative collaboration makes us one of the only fetal care programs affiliated with a top children’s hospital and university pediatric training program, two Level III maternity hospitals, and two Level III and one level IV Neonatal Intensive Care Units (NICUs).

Clinical Innovations
Booth 405
www.clinicalinnovations.com
Since its inception in 1993, Clinical Innovations has become the largest healthcare manufacturer exclusively focused on L&D. Already a market leader with Koala® Intrauterine Pressure Catheter and Kiwi® Vacuum-Assisted Delivery System, in recent years, CI has introduced traxi® Panniculus Retractor, ROM Plus® Fetal Membranes Rupture Test and ebb® Complete Tamponade System. CI recently entered the neonatal clinical area with babyLance™ safety heelstick, adding to a portfolio of innovative products developed “forMOM. forBABY. forLIFE.™”

Colorado Fetal Care Center
Booth 207
www.childrenscolorado.org/fetal-care
Comprehensive Care for the Most Complex Conditions- As one of the few centers in the country offering the full continuum of maternal, perinatal, neonatal and pediatric subspecialty care under one roof, we care for the highest-risk pregnancies, achieving some of the best outcomes in the nation. Our capabilities include every fetal treatment available, including
open fetal surgery, fetoscopy and Ex Utero Intrapartum Treatment (EXIT) procedures, as well as a Level IV NICU and top-ranked pediatric specialty programs.

**CoxHealth**
Booth 936  
www.coxhealth.com

CoxHealth is an integrated healthcare system based in Springfield, MO with five hospitals and more than 80 regional clinics throughout southwest Missouri. The system provides care for more than 1 million patients and offers 954 licensed beds, a level I trauma center and a new 28 bed level III NICU. Over 4,000 babies are born annually. CoxHealth is recruiting for an MFM physician to join our existing team.

**Digisonics**
Booth 332  
www.digisonics.com

Digisonics has set the standard for OB/GYN software systems for more than 40 years – with the first review station, the first fully functional web-based system and fully integrated 3D/4D analysis package. OB-View solutions combine high-performance image analysis systems, professional reporting choices, an integrated clinical database and a powerful PACS image archive into one complete system. OB-View solutions maximize efficiency by integrating and automating the entire complex workflow resulting in maximum productivity.

**Dornier MedTech**
Booth 411  
www.dornier.com

Dornier MedTech manufactures and sells surgical lasers for use in the operating room. Dornier will display a laser fiber that works with the 940 wavelength Dornier Multibeam along with a descriptive video loop showcasing the procedure relevant to your physician audience.

**Elizabeth J. Ferrell Fetal Health Center at Children’s Mercy Kansas City**
Booth 421  
www.childrensmercy.org/fetal-health-center

The Elizabeth J. Ferrell Fetal Health Center at Children’s Mercy provides the region’s most advanced care for select high-risk pregnancies before, during and after delivery. Developed and offered in collaboration with the UMKC School of Medicine, the Fetal Health Center focuses on pregnancies that might benefit from advanced diagnostics, possible prenatal intervention, and the availability of a comprehensive spectrum of pediatric specialists during the newborn period.

**Elsevier**
Booth 924  
www.elsevierhealth.com

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

**Ferring Pharmaceuticals, Inc.**
Booths 414 and 433  
www.ferringusa.com

Ferring Pharmaceuticals is a research driven biopharmaceutical company devoted to identifying, developing and marketing innovative products in the fields of orthopaedics, women’s health, reproductive health, gastroenterology, urology and pediatric endocrinology. To view all of our US offerings, please visit www.ferringusa.com.

**Fetal Care Center of Barnes-Jewish Hospital, St. Louis Children’s Hospital, Washington University Physicians**
Booth 301  
www.fetalcare.org

The Fetal Care Center in St. Louis works in conjunction with Barnes-Jewish Hospital, Washington University Physicians and St. Louis Children’s Hospital to provide a personalized caring atmosphere to parents and their neonate before, during and after birth. We are highly specialized in treating complex monochorionic twin pregnancies, TTTS, TRAP, sIUGR, discordant anomalies, CDH, CHD, bladder outlets, and neural tube defects including Spina Bifida repair via laser as well as surgery intrauterine and post-delivery.

**Fetal Center at Children’s Memorial Hermann Hospital**
Booth 215  
childrens.memorialhermann.org/the-fetal-center

The Fetal Center at Children’s Memorial Hermann Hospital, affiliated with the physicians at McGovern Medical School at UTHealth, is a national leader in fetal diagnosis, fetal intervention and comprehensive fetal care for babies with congenital anomalies or genetic abnormalities. The Fetal Center offers a complete range of prenatal testing and interventions with a coordinated program for mother and child before, during and after birth. The team of experts will develop a tailored, comprehensive plan of care.
The Fetal Center at Vanderbilt is an internationally recognized center offering advanced diagnosis, education and therapeutic treatments for the unborn child with congenital problems. Our center provides compassionate, professional and unique treatment plans incorporating multi-disciplinary specialists and innovative fetal research and education.

Fetal Medicine Foundation USA
Booth 245
fetalmedicineusa.com
The Fetal Medicine Foundation (FMF) is recognized as the world leader in first trimester screening (FTS) training and accreditation, attended by more than 60,000 participants worldwide. We are a nonprofit charitable organization whose main goal is to improve the health of pregnant women and their babies through our programs, with the support of an international group of experts, has introduced an educational program for both healthcare professionals and parents, and a series of certificates.

Gauss Surgical, Inc.
Booth 320
www.gauss Surgical.com
Gauss Surgical has developed the first and only system for monitoring blood loss in real-time. Triton utilizes advanced imaging algorithms to accurately monitor blood loss in the operating room for cesarean sections, and a simple scale solution for monitoring blood loss in vaginal deliveries.

GenPath Women’s Health, an OPKO Health Company
Booth 435
www.genpath.com
GenPath Women’s Health, a division of BioReference Laboratories, an OPKO Health Company, specializes in diagnostic needs for MFM, OB/Gyn and related subspecialties. Genpath offers a full-service test menu including, prenatal/maternal risk assessment, carrier testing, pregnancy thrombophilia and infectious diseases. By partnering with GeneDx, also a subsidiary of BioReference Laboratories and an established leader in genetic testing for rare inherited diseases, GenPath remains at the forefront for quality of patient care. Visit www.GenPath.com for more information.

Hackensack Meridian Health
Booth 423
www.hackensackmeridianhealth.org/
Hackensack Meridian Health is a leading not-for-profit health care network in New Jersey offering a complete range of medical services, innovative research, and life-enhancing care aiming to serve as a national model for changing and simplifying health care delivery through partnerships with innovative companies and focusing on quality and safety.

Hayes Healthcare
Booth 942
www.hayeslocums.com
Hayes Healthcare is a healthcare staffing agency that provides award-winning services to physicians, advanced practitioners, and hospitals. Our dedication to service and laser-focused attention to detail routinely create positive match outcomes. Hayes has been named number one on the Staffing Industry Analysts Fastest “Growing US Staffing Firms for 2017” in addition to Inavero’s “Best of Staffing Client Award” and “Best of Staffing Talent Award” for 2018.

HCA
Booth 428
hcahealthcare.com/
HCA owns and operates over 170 hospitals across the United States, which makes us one of the nation’s leading providers of healthcare services. We believe exceptional patient outcomes only come through a dedicated community of care, placing our physicians at the forefront.

HER Foundation
Booth 920
www.Helpher.org
Since 2003, the HER Foundation® has published groundbreaking HG research, developed educational materials and tools for diagnosis and treatment, and advocated for and supported those seeking effective management and recovery strategies for hyperemesis gravidarum (HG). We offer proprietary HG-specific tools for clinicians for assessment and management, consulting, and numerous support and referral options to help patients get the care they need to avoid termination or long-term health issues for both the mother and child. www.Helpher.org/tools.
Our practice has been setting the standard for maternal-fetal medicine in the Las Vegas area since 1996, leading the way in procedures and technology. With the High Risk Pregnancy Center, you practice as a respected subspecialist in a friendly, efficient, and technologically advanced environment. We are a nationally recognized healthcare team, working together, combining our knowledge, experience and management skills to ensure our patients receive exceptional, unparalleled care throughout their pregnancy.

Our practice has been setting the standard for maternal-fetal medicine in the Las Vegas area since 1996, leading the way in procedures and technology. With the High Risk Pregnancy Center, you practice as a respected subspecialist in a friendly, efficient, and technologically advanced environment. We are a nationally recognized healthcare team, working together, combining our knowledge, experience and management skills to ensure our patients receive exceptional, unparalleled care throughout their pregnancy.

Illumina is a leading provider of next-generation sequencing (NGS) and microarray technologies, empowering informed reproductive choices and improving the detection of chromosomal abnormalities. Using a whole-genome sequencing (WGS) method to noninvasive prenatal testing (NIPT), through our partner labs, we deliver trusted, early, and accurate answers about the chromosomal status of a developing pregnancy.

InfuCare Rx is a national specialty infusion pharmacy dedicated to providing immunoglobulin therapy (IVIG), to MFM patients in the comfort of their own home. InfuCare Rx provides a consistent, coordinated, patient centric infusion experience through our team of dedicated pharmacists, nurses and other trained professionals. At InfuCare Rx, we strive to provide positive outcomes for our patients with with NAIT, GALD, ITP, Severe RH, etc. We take extreme pride in healthy deliveries.

ICP Care is a 501(c)(3) nonprofit determined to help pregnant mothers who experience Intrahepatic Cholestasis of Pregnancy and to deliver healthy babies. ICP Care’s mission is to provide patient support and education, raise public awareness, support the advancement of research and improve health care practices. ICP Care helps to connect, support, educate and empower those affected by ICP – Intrahepatic Cholestasis of Pregnancy.

Integrated Genetics is a leading provider of reproductive genetic testing services driven by its commitment to physicians and their patients. With the addition of Sequenom, a pioneer in the fast-growing area of non-invasive prenatal testing, Integrated Genetics can now offer physicians and patients more options for prenatal testing. We also offer the largest commercial genetic counseling network in the laboratory industry.

International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) Booth 409 www.isuog.org

ISUOG is a professional membership association and charity that aims to improve women’s healthcare services through the provision and broad dissemination of the highest quality education and research information around ultrasound in obstetrics and gynecology. With 13,500 members in 128 countries, we are the leading society in this niche medical specialty.

Invitae Booth 304 www.invitae.com

Invitae’s mission is to bring comprehensive genetic information into mainstream medical practice to improve the quality of healthcare for billions of people. Our goal is to aggregate most of the world’s genetic tests into a single service with higher quality, faster turnaround time and lower prices. Visit www.invitae.com.

Los Angeles Fetal Surgery Booth 205 www.chla.org/los-angeles-fetal-surgery

Los Angeles Fetal Surgery - The University of Southern California (USC) and Children’s Hospital Los Angeles (CHLA) have worked collaboratively to form Los Angeles Fetal Surgery. Los Angeles Fetal Surgery offers minimally invasive fetal treatments that will cure or reduce adverse outcomes resulting from fetal conditions that may otherwise result in death or irreversible organ damage to the baby.
The Johns Hopkins Center for Fetal Therapy provides state-of-the-art treatment for complex fetal conditions including twin-twin-transfusion syndrome, spina bifida, congenital diaphragmatic hernia, urinary tract obstruction and fetal tumors. Our multidisciplinary care approach integrates expertise in open and closed fetal interventions, fetoscopic surgery, maternal, neonatology, pediatric, genetic and social services located at one of the leading medical institutions in the nation. Our fetal therapy physician hotline - 1-844-JH-FETAL - provides 24/7 access to care.

Mayo Clinic
Booth 940
www.mercy.net/careers
Mayo Clinic is proud to announce the launch of our Fetal Care Center under the direction of Dr. Rodrigo Ruano. The Center will provide fetal diagnostic services as well as therapeutic interventions.

Medical City Children’s Hospital
Fetal Care Center
Booth 221
MedicalCityChildrensFetalCare.com
World-renowned Medical Director Dr. Timothy Crombleholme leads the Fetal Surgery program at Medical City Children’s Hospital in Dallas, one of only a handful of centers in the world that has the capability to perform the full range of fetal interventions, from ultrasound-guided procedures to fetoscopic surgery, open fetal surgery and EXIT procedures, providing critical care to unborn babies with complex birth defects.

Mercy Clinic
www.mercy.net
Mercy Clinic is a strong, physician-led and professionally managed integrated health care system. We focus on clinic integration across our communities ensuring that the latest technology and specialty care is available to support even our most outlying primary care locations.

Midwest Fetal Care Center
Booth 321
mwfetalcare@allina.com
The Midwest Fetal Care Center provides maternal fetal care when a high-risk pregnancy poses challenges. As the first and most advanced fetal care center in the Upper Midwest- and one of only a few in United States-the Midwest Fetal Care Center brings together maternal fetal experts and the latest technology and treatments in a coordinated setting. Our mission is to provide patients and families with an exceptional experience with the best possible outcome.
Momenta Pharmaceuticals
Booth 318
www.momentapharma.com/
Momenta is a biotechnology company advancing product candidates for the treatment of rare immune-mediated diseases with high unmet medical need. Its lead candidate, M281, is a fully human monoclonal antibody targeting FcRn. Blockade of FcRn by M281 has the potential to reduce the risk and severity of fetal anemia in hemolytic disease of the fetus and newborn. Momenta’s other product candidates include a recombinant Fc multimer in development with CSL Behring and a hypersialylated immunoglobulin.

MotherToBaby Pregnancy Studies conducted by OTIS
Booth 417
mothertobaby.org
MotherToBaby is the nation’s leading authority and most trusted source of evidence-based information on the safety of medications and other exposures during pregnancy and while breastfeeding. MotherToBaby Pregnancy Studies is evaluating the effects of various maternal conditions along with the medications used to treat them during pregnancy.

MPLT Healthcare
Booth 426
www.mplthealthcare.com
MPLT Healthcare specializes in placing well-qualified physicians and advanced practice clinicians in locum, locum-to-perm and direct hire staff and leadership positions while making this process as seamless as possible for our client facilities. Our highly skilled recruiters assist in this process from pre-qualification to final placement.

Natera
Booth 341
www.natera.com
Natera® is a worldwide genetic testing and diagnostics company that’s changing how doctors and patients manage genetic disease. Our team includes scientists, biostatisticians, researchers, and talented laboratory professionals from around the globe. Natera develops and commercializes non-invasive methods for analyzing DNA. We operate a CAP-accredited laboratory certified under the Clinical Laboratory Improvement Amendments (CLIA) in San Carlos, California, and offer a host of proprietary genetic testing services.

National Abortion Federation and Ibis Reproductive Health
Booth 911
prochoice.org/
National Abortion Federation and Ibis Reproductive Health will provide national referral resources for MFM professionals to facilitate better patient care.

National Association of Nurse Practitioners In Women’s Health (NWPH)
Booth 938
www.npwh.org
As a national professional membership organization, NPWH is the nation’s leading voice for courageous conversations about women’s health. In our clinics and in our culture, women’s health nurse practitioners champion state-of-the-science health care that holistically addresses the unique needs of women across their lifetimes. We elevate the health issues others overlook and compel attention on women’s health from providers, policymakers, and researchers.

NewYork-Presbyterian
Booth 418
www.nyp.org/womens
High-Risk Obstetrics at NewYork-Presbyterian/Columbia University Medical Center provides personalized care for complex obstetric patients and developing infants. The Center for Prenatal Pediatrics offers expertise in prenatal diagnosis and fetal therapy. The Mothers Center provides coordinated, multidisciplinary care to pregnant women with complex medical conditions. The Preterm Birth Prevention Center improves perinatal outcomes by employing cutting-edge research and best clinical practice to prevent preterm birth.
NTD Eurofins
Booth 322
www.ntd-eurofins.com

NTD Labs, an innovative leader in prenatal screening, provides accurate and timely information to healthcare providers and expectant parents. We achieve this through our unwavering dedication to research, exceptional customer service, and continuous improvement. With over four decades of prenatal screening experience in the maternal fetal health industry, NTD was the first to introduce ONTD, Down Syndrome, Early Onset Preeclampsia, and first trimester AFP screening.

Option Care
Booth 138
www.optioncare.com

Option Care Women’s Health provides quality high-risk obstetrical care delivered by specialized nurses for management of hyperemesis gravidarum (excessive nausea and vomiting pregnancy program), preterm labor, pregnancy-induced hypertension, gestational diabetes management and compliance coaching and education. In addition to home visits, our 24/7/365 Call Center means that our highly trained OB nurses are only a phone call away when a patient or family member has a question or concern.

Option Care
Booth 314
www.optioncare.com

Paradigm Medical Systems is the exclusive North American Distributor for Model-med Int. Model-med products are designed with faithful attention to anatomical detail. Mannequins are manufactured using a soft, highly elastic flesh-like material that is durable and easy to clean. Model-med customers find these unique products produce a level of realism that creates a top quality training experience. SOPHIE AND HER MUM – Full Birth Trainer LUCY AND HER MUM – Instrumental Delivery, GYN & CHARLIE AND HIS MUM.

OSF HealthCare
Booth 934
www.osfcareers.org

OSF HealthCare is a faith-based, 13-hospital health care system serving Illinois and the Upper Peninsula of Michigan. We strive to provide a culture that is unique and enhances our Mission of proving “the greatest care and love” to all the patients we serve.

Owensboro Health
Booth 930
www.owensborohealth.org/

As a physician at Owensboro Health, you’ll use your skills daily to solve problems and improve your patients’ quality of life. We invite BE/BC candidates to explore opportunities in helping us continue delivering top-quality care to our neighbors in western Kentucky and southern Indiana.

Paradigm Medical Systems/Model-med
Booth 314
www.paradigmmedicalsystems.com/

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Physicians for Reproductive Health
www.prh.org
Physicians for Reproductive Health unites the medical community and supporters. Together, we work to improve access to comprehensive reproductive health care, including contraception and abortion, to meet the health care needs of everyone. To learn more about our work to advance evidence-based reproductive health policy and medical education, and how you can get involved, visit our booth or our website at www.prh.org.

Primary Children’s Hospital
utahfetalcenter.org
The Utah Fetal Care Center at Primary Children’s Hospital is committed to provide integrated high-quality care to optimize the health of patients and families affected by congenital anomalies, both during pregnancy and after birth, and to improve available treatment by pioneering innovative therapies and educating future leaders.

Perinatal Quality Foundation
Booth 104
www.perinatalquality.org
The mission of the Perinatal Quality Foundation is to improve the quality of Maternal-Fetal medicine medical services by providing state of the art educational programs, and evidence-based, statistically valid monitoring systems to evaluate current practices and facilitate the transition of emerging technologies into clinical care.

PPROM Foundation
Booth 918
www.aapppprom.org
The PPROM Foundation aims to provide resources and support for those who have experienced Preterm Premature Rupture of Membranes (PPROM) in their pregnancy and beyond. PPROM is the leading identifiable cause of preterm birth. We promote awareness of PPROM through advocacy, partnerships and oversee the PPROM Patient Registry. Our exhibition will feature provider resources and related to Expectant Management.

Prytime Medical Devices, Inc.
Booth 416
www.prytimemedical.com
At Prytime Medical Devices, Inc. we believe that no one should bleed to death and the sooner you stop bleeding, the better. The ER-REBOA™ Catheter, our flagship product used in over 250 hospitals, is designed specifically for the emergency/critical care environment to support rapid and immediate hemorrhage control. More information can be found at www.prytimemedical.com or by calling (210) 340-0116.

Remote Medical Technologies Booth
Booth 407
www.rmtcentral.com
RMT’s iMedHD2™ Teleultrasound solution is a LIVE, dynamic, real-time solution that utilizes your existing equipment and facility setup. iMedHD2™ allows doctors
and technicians to collaborate in LIVE, dynamic, real-time by sharing high definition and high resolution images and video securely. Our teleultrasound technology offers both image and video capture and storage capabilities with accompanying audio.

Reproductive Scientist Development Program (RSDP) Booth 926
rsdp.wustl.edu
Established in 1988, the Reproductive Scientist Development Program (RSDP) provides career development support for obstetricians and gynecologists who are committed to a basic and translational science career in academic medicine and research. The program provides financial support, protected research time, opportunities for collaborations and continuous scientific and career support. Visit www.RSDProgram.org for more information.

Rush University Medical Center Booth 928
faculty_recruitment@rush.edu
Rush is an academic health system whose mission is to improve the health of the people and the diverse communities it serves through the integration of outstanding patient care, education, and research and community partnerships. The Rush system comprises Rush University Medical Center, Rush University, Rush Copley Medical Center and Rush Oak Park Hospital, as well as numerous outpatient care facilities.

Safe Obstetric Systems, Inc. Booth 419
www.safeob.com
Safe Obstetric Systems is the developer of Fetal Pillow®. The device was released in the UK market in 2011 and is now being used in 20 countries worldwide. Fetal Pillow® is a balloon device designed to elevate a deeply impacted fetal head atraumatically out of the pelvis during a cesarean section, making the delivery safer, easier and less traumatic for the mother and baby.

Harmony is a non-invasive prenatal test evaluating the risk of Trisomy 21, 18 and 13 as early as 10 weeks in pregnant women of any age or risk category. Harmony was validated in the general pregnancy population in the NEXT Study, which was published in the New England Journal of Medicine. NIPT based on cell-free DNA analysis is not diagnostic; results should be confirmed by diagnostic testing. The Harmony test is developed by Ariosa Diagnostics. Ariosa Diagnostics is a laboratory certified under the Clinical Laboratory Improvement Amendments (CLIA).

Sage Therapeutics Booth 235
www.sagerx.com
Sage Therapeutics is committed discovering and developing life-altering therapies to treat central nervous system (CNS) disorders, and we are dedicated in our pursuit to deliver new medicines with the goal of making life better for patients and their families.

Sema4, a next generation health information company spun out of the Mount Sinai Health System, provides advanced genomic testing and merges big data analytics with clinical diagnostics in the areas of oncology and reproductive health. We create tools that help patients, clinicians, and researchers better diagnose, treat, and prevent disease. We drive innovation in healthcare and we are led by experts in genetics, data science, design and technology who have published more than 500 research papers.
Online Obstetric Critical Care Course

Expand Your Knowledge | Optimize Patient Care | Earn CME at Your Own Pace

PROGRAM FEATURES:

- Web-based, narrated presentations and recorded simulations
- Content available online for one year after purchase for self-paced learning
- 1.5 credits of CME for each of the 18 topic areas (27 credit hours total)
- MOC Level IV Accreditation
- Discounted registration fees for SMFM members

LEARN MORE:
Visit SMFM.org/cc or email Chris Coleman at ccoleman@smfm.org.
Sera Prognostics

Sera Prognostics, a women’s health company, develops innovative diagnostic tests focused on the early prediction of preterm birth (PTB) risk and other complications of pregnancy. Sera offers the PreTRM® test, a first of its kind blood test validated to accurately predict early in pregnancy the risk of premature birth. Sera Prognostics is located in Salt Lake City, UT.

For more information, please visit the company’s website at: www.seraprognostics.com.

Southwestern Women’s Options

Curtis Boyd, MD owned clinics provide a full range of medical and surgical abortion services. The Albuquerque office specializes in third trimester abortion care and offers a unique Fetal Indications Program tailored to the special needs of the patient and her family.

SSM Health St. Louis Fetal Care Institute

The SSM Health St. Louis Fetal Care Institute is one of the nation’s leading fetal care centers. Since 2009, we have been changing lives through a combination of innovative fetal medicine and compassionate care. Congenital heart defects, structural abnormalities and rare medical conditions are commonplace for our experienced, multidisciplinary team. Using advanced technologies, careful observation, and our expertise, we work to help families discover their best options for the most unique pregnancies.

Stanford Children’s Health

The Fetal and Pregnancy Health Program at Stanford Children’s Health provides comprehensive, coordinated care for complex fetal diagnoses and pregnancies.

Taylor & Francis

The Taylor & Francis Group publishes many leading specialist medical journals in Maternal-Fetal Medicine, Reproductive Medicine, and Obstetrics & Gynecology more widely: www.tandfonline.com/ CRC Press is its sister company, a premier global publisher of professional texts and ebooks in these areas: www.crcpress.com/medicine/.

Texas Children’s Pavilion for Women-Fetal Center

Located in Houston, Texas Children’s Fetal Center™ is one of the nation’s leaders in the diagnosis and treatment of abnormalities in unborn and newborn infants. We are committed to providing the best possible care and outcome for each mother, baby & family.

Trice Imaging

Trice - The Cloud Platform for Ultrasound. Tricefy™ has simplified image management while enabling you to share and collaborate like never before. Our cost effective service allows users to access ultrasound studies from anywhere and share examination results with colleagues, experts and patients instantly via text and email.

University of Maryland Medical Center – Center for Advanced Fetal Care

The Center for Advanced Fetal Care is a world-class fetal medicine unit. International-standard ultrasound, leading-edge Doppler, comprehensive fetal therapy, complex maternal surgery, whole animal primate OB research - it’s all here! Your patients will love our attention to individual needs. Collaborative research is a specialty, and our international Faculty and many visitors keeps us growing. Visit the Fetal Therapy team at the CAFC booth!

USF Fetal Care Center of Tampa Bay

The USF Fetal Care Center of Tampa Bay is the leading fetal therapy center in Florida. Expert physicians treat many fetal anomalies using the most current intrauterine treatments. Conditions we treat at The USF Fetal Care Center of Tampa Bay include: Twin to Twin Transfusion syndrome, TRAP sequence, LUTO, pleural effusions, and fetal anemia.
The Society wishes to express its appreciation to the companies and organizations that have underwritten, in full or in part, various activities associated with this meeting. At this printing SMFM wishes to thank:

**Exhibit Passport to Prizes**

**Photo Booth**

**Opening Reception**

**Hotel Keycards and Foundation for SMFM 5K Race**

**Meet-the-Fellows Reception** (invitation only)

**Diversity Reception**

**THURSDAY, FEBRUARY 14 EXHIBITOR SPONSORED HOSPITALITY EVENTS AND PRESENTATIONS**

The following events are official exhibitor sponsored hospitality events and open to all Pregnancy Meeting attendees. Products, services and/or information presented at these exhibitor hospitality events are not considered educational activities and the content has not been reviewed, recommended or endorsed by SMFM.

**Philips Hospitality Reception** 6:00 – 7:30 pm. in Augustus I-II

Join Philips in their Hospitality Suite. Discover ultra-diagnostic confidence in action and scan with the experts. Cocktails and hors d’oeuvres will be served.

**Samsung Hospitality Reception** 6:00 – 9:00 pm. in Augustus V-VI

Celebrate Valentine’s Day with Hera! Meet Hera, the new premium ultrasound system from Samsung. Live scanning demonstration by Dr. Martin Chavez, Director of Maternal and Fetal Medicine and Fetal Surgery, NYU Winthrop Hospital. Complimentary food and beverages will be provided, as well as a drawing for Samsung merchandise.

*The SMFM 39th Annual Pregnancy Meeting Exhibitor and Sponsor list above was available for publication at press time. A complete list of exhibitors can be found onsite, at the entrance to the Industry Exhibits which are located in the Hilton Anatole Octavius Ballroom and foyer. The exhibit floor plan is subject to change. A complete exhibitor list with booth locations will be located on the exhibitor section of the Pregnancy Meeting website and the Pregnancy Meeting mobile app. For details and instructions visit: www.SMFM.org.*
**High-Impact Practice Management Academy**

**DATES:** March 29-30, 2019  
**LOCATION:** Phoenix, AZ  
**COURSE DIRECTORS:** Idahlynn Karre, PhD; Dan O’Keeffe, MD; Mike Foley, MD  
**DESCRIPTION:** “High-Impact Practice Management” focuses on engaging, developing and managing individuals and teams for high impact practice management. This course is intended for practice managers, lead sonographers, nurses and other up-and-coming members of the team who are currently involved in or will be involved in a leadership role within the practice.

**Dan O’Keeffe SMFM Leadership Academy 2.0**

**DATES:** April 5-7, 2019  
**LOCATION:** Denver, CO  
**COURSE DIRECTORS:** Idahlynn Karre, PhD; Dan O’Keeffe, MD; Mike Foley, MD  
**DESCRIPTION:** Alumni of the SMFM Leadership Academy program are invited to participate in the 2019 Dan O’Keeffe SMFM Leadership Academy 2.0: Leading Cultures of Excellence. Reconnect with other alums, build on your previous Leadership Academy learning experiences, and engage in the most up-to-date research on leadership to create systems thinking and culture change.

**Coding for Maternal-Fetal Medicine**

**DATES:** May 16-17, 2019  
**LOCATION:** Houston, TX  
**COURSE DIRECTORS:** Fadi Bsat, MD and Vanita Jain, MD  
**DESCRIPTION:** Designed especially for maternal-fetal medicine subspecialists, practice managers, and MFM staff, the SMFM Coding Course is the most comprehensive and interactive course of its kind. Enjoy class discussions, live polling, and case studies with national experts in coding.

**Ultrasound Essentials for Maternal-Fetal Medicine**

**DATES:** May 30 - June 1, 2019  
**LOCATION:** New Orleans, LA  
**COURSE DIRECTORS:** Lynn Simpson, MD and Joanne Stone, MD, MS  
**DESCRIPTION:** This meeting is designed to cover a variety of ultrasound topics to improve the ability to diagnose, counsel and treat a wide range of fetal abnormalities. From genetic screening and prenatal diagnosis to advanced techniques for obtaining cardiac views to how to design a data-driven ultrasound schedule, this course provides comprehensive education relevant to physicians and sonographers performing advanced obstetric ultrasounds.

**Third-Year Fellows Research Symposium**

**DATES:** August 17-19, 2019  
**LOCATION:** Oak Brook, IL  
**COURSE DIRECTORS:** Sean Blackwell, MD and George Saade, MD  
**DESCRIPTION:** New! More information is forthcoming.
2nd Annual Course on Prenatal Genetics
DATES: September 4, 2019
LOCATION: Chicago, IL
COURSE DIRECTOR: Mary Norton, MD
DESCRIPTION: Designed for all OB providers, including OBGYN generalists, as well as MFM subspecialists. Genetics expert, Dr. Mary Norton, will lead a case-based, interactive course focused on testing for prenatal aneuploidy, prenatal diagnostic testing, carrier screening, chromosomal microarray analysis, and new advances in molecular testing including whole genome and exome sequencing for evaluation of fetal structural anomalies. Our expert panel will review interesting cases, including any submitted by the attendees.

4th Annual Course on High-Risk OB Care
DATES: September 5-6, 2019
LOCATION: Chicago, IL
COURSE DIRECTORS: Luis Pacheco, MD; George Saade, MD
DESCRIPTION: Designed for all members of the OB care team. Learn from the nation’s leading experts in high-risk obstetric care at SMFM’s fourth annual course on maternal complications. Topics to be covered include cardiology, pulmonary disease, autoimmune disorders, hypertension, neurology, among others. The format will be clinically oriented and interactive.

First-Year Fellows Retreat
DATES: October 26-28, 2019
LOCATION: Itasca, IL
COURSE DIRECTOR: Torri Metz, MD, MSCR
DESCRIPTION: Designed specifically to position first-year MFM fellows for success, SMFM and the Foundation for SMFM co-host a retreat each year. Registration, lodging, and meals are complimentary for first-year fellows. Invitation only.

Coding for Maternal-Fetal Medicine
DATES: November 7-8, 2019
LOCATION: Orlando, FL
COURSE DIRECTORS: Fadi Bsat, MD and Vanita Jain, MD
DESCRIPTION: Designed especially for maternal-fetal medicine subspecialists, practice managers, and MFM staff, the SMFM Coding Course is the most comprehensive and interactive course of its kind. Enjoy class discussions, live polling, and case studies with national experts in coding.

Practice Management Conference
DATES: November 8-9, 2019
LOCATION: Orlando, FL
COURSE DIRECTOR: James Keller, MD
DESCRIPTION: Join maternal-fetal medicine specialists and administrative leads in MFM practices at the at the 2019 Practice Management Conference. Previously, the AMFMM Annual Business Meeting, this year’s conference will provide an opportunity to learn more about the business of MFM with case studies and best practices, processes for continuous quality improvement, and networking opportunities with leaders in the field.

Dan O’Keeffe SMFM Leadership Academy
DATES: October 11-13, 2019 and March 27-29, 2020
LOCATION: Denver, CO
COURSE DIRECTORS: Idahlynn Karre, PhD; Dan O’Keeffe, MD; Mike Foley, MD
DESCRIPTION: The Dan O’Keeffe SMFM Leadership Academy is designed to engage MFM subspecialists in a unique professional development experience that frames leadership as the ability to build relationships, cultivate excellence, and sustain energy for productive influence, agency, and motivation to enact positive change.

Exhibit and sponsorship opportunities are available at most SMFM events. Contact Darryl Diamond (ddiamond@smfm.org) for details.
FUTURE PREGNANCY MEETING™ SITES

40th Annual Meeting
The Pregnancy Meeting™
February 3 – 8, 2020
Gaylord Texan Resort – Grapevine (Dallas), TX

41st Annual Meeting
The Pregnancy Meeting™
January 23 – 31, 2021
Caesars Palace – Las Vegas, NV

42nd Annual Meeting
The Pregnancy Meeting™
January 31 – February 5, 2022
Gaylord Palms – Orlando, FL

43rd Annual Meeting
The Pregnancy Meeting™
January 30 – February 4, 2023
Gaylord Texan Resort – Grapevine (Dallas), TX