Society for Maternal-Fetal Medicine

The Pregnancy Meeting™

38th Annual Meeting

January 29 – February 3, 2018
Dallas, TX | Hilton Anatole
The tests described have been developed and their performance characteristics determined by the CLIA-certified laboratory performing the tests. These tests have not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests. © 2017 Natera, Inc. All Rights Reserved.

**Panorama**:¹

- Reports risk for trisomies 21, 18, and 13 with a combined sensitivity and specificity of >99% in validation
- Provides zygosity information with >99% sensitivity and specificity in validation
- Identifies fetal sex for each twin with zero fetal sex errors reported in validation
- Reports individual fetal fractions for dizygotic twins

**Panorama can help clinicians triage twin pregnancies.**

Learn how at natera.com/panorama-twins

Experience
• One of the most experienced teams in treating Twin-Twin Transfusion Syndrome (TTTS) in the U.S., having performed more than 400 laser ablation cases since 2011

Transparency
• Continues to publish TTTS outcomes at 30 days post-delivery and updated outcomes for multiple conditions

Innovation
• One of only eight U.S. centers participating in the Fetoscopic Endoluminal Tracheal Occlusion (FETO) Trial for the treatment of severe congenital diaphragmatic hernia
• The first center in Texas to perform open fetal repair for spina bifida following MOMS Trial, and the first in the world to use the umbilical cord patch for repair of fetal spina bifida

Transparency in Outcomes
For details regarding The Fetal Center's maternal and newborn outcomes for fetal spina bifida repair and TTTS, visit childrens.memorialhermann.org/thefetalcenter/outcomes.

To speak to a clinical specialist or obtain more information about The Fetal Center, call 888.818.4818.

Visit us at Booth 300
# TABLE OF CONTENTS

- Letter from the SMFM President and CEO ........................................ 3
- SMFM Board of Directors ................................................................. 4
- Past Presidents ................................................................................. 4
- Letter from the Program Chair ......................................................... 6-7
- Program Committee Members ......................................................... 7
- Criteria for Judging ........................................................................... 7
- Reviewers and Judges ..................................................................... 8
- Awards .............................................................................................. 9
- Schedule At-A-Glance .................................................................... 10-11
- Foundation for SMFM .................................................................... 12-18
- Meeting App ................................................................................... 18
- Dr. Dan O’Keeffe Tribute Event ....................................................... 19
- Postgraduate Courses ..................................................................... 21-32
- Scientific Forums ............................................................................ 34-38
- Plenary Sessions ............................................................................. 39
- Luncheon Roundtables ................................................................... 40
- Exhibitor List .................................................................................. 44-48, 50-55
- Poster Presentations ....................................................................... 49
DEAR COLLEAGUES, FRIENDS AND GUESTS,

WELCOME TO DALLAS! We are excited that you are here for SMFM’s 38th Annual Pregnancy Meeting™. Whether it is your first Annual Meeting or you’re a seasoned attendee, we are confident that you will enjoy this year’s opportunity to share in the latest science and connect with leaders in maternal-fetal medicine. This year’s meeting is the result of the hard work, effort and dedication of the Program Committee, chaired by Joanne Stone, MD, MS. The committee conducted a thorough process in selecting and vetting 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.

The past year has been an exciting time of growth for our Society. We expanded our headquarters’ office in Washington, DC to accommodate our growing professional staff. With more staff in place, we can implement a variety of new initiatives, including enhanced online learning offerings and more opportunities to engage in advocacy efforts. We are also thankful to you, the members, for providing very valuable feedback last Spring. Your voice counts, and your feedback, coupled with the expertise from our Board of Directors and Committee Chairs, was used to draft the now-in-place SMFM 2018-2020 Strategic Plan. You can learn more about our strategic initiatives and what other benefits SMFM membership entitles you to at the SMFM Membership Information Station. It will be open Monday through Thursday from 7:00 am – 5:00 pm and on Friday from 7:00 am – 2:00 pm. We encourage you to stop by.

With all the changes happening at the Society, the Annual Meeting remains a centerpiece of our work. With 15 postgraduate courses and workshops, 10 luncheon roundtables, 18 scientific forums, two special focus groups, and 900 poster presentations, we have scientific and professional development content for every stage of your clinical or research career.

This year, we also have time built in for networking and acknowledging the incredible work that many of you do each day. The most notable recognition will take place at a tribute event for Dr. Dan O’Keeffe on Thursday evening. Dan has given so much to the Society and the Foundation for SMFM. Many of you have benefited from his mentoring, business savvy, and enthusiasm for all things MFM. Dan is retiring in February and this Irish-themed event will be a wonderful way to thank and honor him. We hope you will celebrate with us.

Finally, put on your running shoes on Saturday for the Foundation’s 5K Run/Walk. We’ll start bright and early at 6:30 am. Please participate. It’s for a good cause!

Thank you for taking time out of your busy schedule to be here. We look forward to connecting with you while we are together in Dallas.

Alfred Abuhamad, MD
SMFM President

Matt Granato, LLM, MBA
SMFM Chief Executive Officer
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 Hankins, MD – 1995
Donald Coustan, MD – 1996
Steven Clark, MD – 1997
Mary D’Alton, MD – 1998
J. Peter VanDorsten, MD – 1999
Michael Socol, MD – 2000
James Martin, Jr., MD – 2001
Haywood Brown, MD – 2002
Jay 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
Brian Mercer, MD – 2013
Vincenzo Berghella, MD – 2014
Laura Riley, MD – 2015
Mary Norton, MD – 2016
Join us for a lunch symposium

Postpartum Depression (PPD) with a focus on Risk Factors, Screening, and Approaches to Clinical Care

Thursday, February 1, 2018
12:00–1:00 PM
Lunch will be available

Hilton Anatole
Dallas, Texas
Coronado Ballroom A

Learn more about PPD with a focus on screening in high-risk pregnancies and the valuable role MFMs and obstetricians can play in screening for and treating PPD.

This interactive program will cover:

- Current definitions of PPD
- Screening recommendations
- Screening tools for PPD
- Anxiety as a component of PPD
- Risk factors for PPD
- Current treatment options

This independent presentation is not part of the official program as planned by the SMFM Pregnancy Meeting™ Program Committee.

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DEAR FRIENDS AND COLLEAGUES,

On behalf of the Program Committee, it is with great pleasure that I welcome you to The Pregnancy Meeting™, the 38th 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 our specialty. While you are in Dallas, I hope you also take the opportunity to catch up with colleagues and friends and enjoy the many social events of the meeting. 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.

Evaluating the Abstract Review Process and Scientific Program

This year, a Task Force was assembled to review various aspects of the Annual Meeting. The Task Force considered the lists of abstract topics, the process for postgraduate course selection, manuscript grading, and selection of general and senior reviewers. We have included new reviewers and made process changes that will translate into a better meeting, more transparency, and greater diversity. If you have any questions about the process, do not hesitate to contact me or a member of the SMFM staff team.

For those who chose to submit your work for consideration at our meeting, THANK YOU! This year, there were 1,947 abstracts submitted of which 52% were accepted for presentation. We increased the number of presentations to 1,015 (115 orals and 900 posters) up from 990 total presentations in 2017. We also received so many high-quality late-breaking abstract submissions that we are happy to now present four (up from two last year).

Each abstract submitted underwent a rigorous review process, including a blinded review and scoring by four general reviewers. The top 200 scored abstracts were then reviewed and scored again in a blinded peer review process by the senior reviewers. From there, the Program Committee used the data from the general and senior reviewers to determine the various oral and poster sessions. The late-breaking abstract submissions also underwent a blinded review process. Many thanks to the reviewers who devoted their time to ensure a fair and unbiased assessment of the abstracts.

This year we have a record-breaking 900 poster presentations. Each poster session will last 75 - 90 minutes and is generally grouped by topic. We hope you take the time to visit the posters and chat with the presenters.

Awards will be presented to the top-rated abstracts for each oral and poster session. The award ceremony will take place on Saturday morning for work presented on Thursday and Friday and at the end of the program for work presented on Saturday. We thank the judges who volunteer their time to make this award ceremony possible.

Postgraduate Courses, Special Interest Groups and Luncheon Roundtables

Postgraduate courses will be held on Monday, Tuesday, and Wednesday and include 13 courses plus fascinating additional educational sessions. The courses include a wide range of topics, including a new course on opioids in pregnancy which, in concert with online training, qualifies attendees for applying for the buprenorphine treatment waiver. We also are offering an exciting debate-style course on preterm birth management with our international colleagues. Other educational activities outside of the traditional postgraduate courses include a workshop on substance use disorders in pregnancy co-sponsored by SMFM, ACOG and ASAM and led by our President, Dr. Alfred Abuhamad. Check with SMFM staff at the registration desk to add any courses or workshops to your registration.

Other Noteworthy Activities

We are extremely excited about a special event which will take place Thursday evening and is a tribute to Dr. Dan O’Keeffe to celebrate his career as he retires as Executive Vice President of SMFM. We hope you will join us for this commemoration of Dan’s many years of leadership and commitment to the Society and Foundation for SMFM. Please visit the website - bit.ly/DanOKeeffe - to purchase tickets. We also hope...
to see you at the grand opening reception, sponsored by Illumina, on Wednesday evening. Other events of note are an Illumina sponsored dinner symposium on Tuesday evening, as well as Industry Learning Lunches on Thursday (Sage) and Friday (Natera).

I also want to highlight the work of Brian Casey, MD, and his many Dallas-based MFM volunteers to provide outreach to the community while we are here. The Society is sponsoring high school students from the Dallas Independent School District to come to the plenary session and poster session to foster an interest in science and medicine. In addition, I would like to thank the North Texas MFM physicians who will be giving talks at two area women’s shelters on pregnancy-related topics.

Finally, I would personally like to thank members of the SMFM staff, Terri Mobley, Rachelle Fondaw, Kara Shumaker and Matt Granato, as well as our President, Alfred Abuhamad, who worked tirelessly to make this meeting happen. On behalf of the other members of the 2018 Program Committee, Lorraine Dugoff, MD (Poster Chair); Alison Cahill MD, MS (Postgraduate Course Chair); and Cynthia Gyamfi-Bannerman MD, MS (Scientific Forums Chair), welcome to Dallas and enjoy what is sure to be a terrific Meeting.

Joanne Stone, MD, MS
Program Chair, 2018
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
- S. Katherine Laughon Grantz, MD
- Elizabeth Langen, MD
- Joseph Biggio, MD
- Marie Blackwell, MD
- Sean C. Blackwell, MD
- Kim Boggs, MD
- Catalin Buhimschi, MD
- Suneet Chauhan, MD
- Yvonne Cheng, MD

**Senior Reviewers**
- Vincenzo Berghella, MD
- Angela Bianco, MD
- Vincenzo Berghella, MD
- Joseph Biggio, MD

**Meeting Reviewers**
- Kjersti Aagaard, MD
- Alan Tita, MD
- Anthony Obido, MD
- Uma Reddy, MD
- Robert Silver, MD
- Lynn Simpson, MD
- Gordon Smith, MD
- Christian Pettker, MD

**Program Committee**
- thanks the following individuals for helping to judge the oral and poster sessions at this year's meeting.

Vincenzo Berghella, MD
Angela Bianco, MD
Joseph Biggio, MD
AWARDS

Saturday, February 3 Ceremony 8:00 – 8:30 am in Grand Ballroom D-E

THE DRU CARLSON MEMORIAL AWARD FOR BEST RESEARCH IN ULTRASOUND AND GENETICS

DNA methylation of genes in the maternal HPA axis during pregnancy is linked with birth outcomes (abstract 2)

Douglas Williamson, MD (primary author)
Duke University, Department of Psychiatry and Behavioral Sciences, School of Medicine

THE NORMAN F. GANT AWARD FOR BEST RESEARCH IN MATERNAL MEDICINE

Reducing time to treatment for severe maternal hypertension through statewide quality improvement (abstract 4)

Patricia Lee King, MD (primary author)
Northwestern University Feinberg School of Medicine

THE BRUCE A. WORK AWARD FOR BEST RESEARCH BY A PRACTICING OR TRAINING MATERNAL-FETAL MEDICINE PHYSICIAN OUTSIDE OF THE US

Tranexamic acid for the prevention of postpartum hemorrhage after vaginal delivery: the TRAAP trial (abstract 1)

Loïc Sentilhes, MD (primary author)
Bordeaux University Hospital, Department of Obstetrics and Gynecology

THE DISPARITIES AWARD FOR BEST RESEARCH ON DIVERSITY/DISPARITY IN HEALTH OUTCOMES

Reduction of Racial Disparities in Cervical Length Screening (abstract 46)

Lorene A. Temming, MD, MSCI (primary author)
Washington University School of Medicine in St. Louis
**SMFM’S 38th ANNUAL MEETING-AT-A-GLANCE**

Note: Any changes to room locations will be updated on the mobile app.

**SUNDAY, JANUARY 28**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00 – 7:00 pm</td>
<td>Speaker Ready Room (Coral), Registration (Trinity Pre-Function)</td>
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**MONDAY, JANUARY 29**

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (West Wing Foyer)</td>
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<tr>
<td>7:00 – 10:00 am</td>
<td>Registration (Trinity Pre-Function)</td>
</tr>
<tr>
<td>7:00 am – 7:00 pm</td>
<td>Mother’s Lounge (Milan), Speaker Ready Room (Coral)</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Postgraduate Courses (See pages 21-25)</td>
</tr>
<tr>
<td>12:00 – 5:00 pm</td>
<td>Registration (Trinity Pre-Function)</td>
</tr>
<tr>
<td>6:00 – 7:00 pm</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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**TUESDAY, JANUARY 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (West Wing Foyer)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>Registration (Trinity Pre-Function)</td>
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<tr>
<td>7:00 am – 7:00 pm</td>
<td>Mother’s Lounge (Milan), Speaker Ready Room (Coral)</td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Postgraduate Courses (See pages 26-29)</td>
</tr>
<tr>
<td>5:00 – 7:30 pm</td>
<td>New Developments In Scientific Publishing (Cortez Ballroom C)</td>
</tr>
<tr>
<td>5:30 – 7:30 pm</td>
<td>Research Committee Symposium: State of the Science, Preterm Birth (Wedgewood Ballroom)</td>
</tr>
<tr>
<td>6:00 – 8:00 pm</td>
<td>Industry Dinner (Coronado Ballroom A)</td>
</tr>
<tr>
<td>6:00 – 7:00 pm</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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**WEDNESDAY, JANUARY 31**

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<th>Time</th>
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<tr>
<td>6:00 – 7:00 am</td>
<td>Pro-Life MFM Specialists (Emerald), Yoga (Verandah Shelbourne/Pony)</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast (West Wing Foyer)</td>
</tr>
<tr>
<td>7:00 am – 5:00 pm</td>
<td>VIP Lounge (Trinity Ballroom)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>Registration (Trinity Pre-Function)</td>
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<tr>
<td>7:00 am – 7:00 pm</td>
<td>Mother’s Lounge (Milan), Speaker Ready Room (Coral)</td>
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<tr>
<td>8:00 am – 3:00 pm</td>
<td>Postgraduate Courses (See pages 21-32)</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Poster Printing Pick-Up (Trinity Ballroom)</td>
</tr>
<tr>
<td>3:00 – 5:30 pm</td>
<td>Scientific Forums (See pages 34-38)</td>
</tr>
<tr>
<td>5:30 – 7:00 pm</td>
<td>Diversity Task Force Reception (Grand Ballroom D)</td>
</tr>
<tr>
<td>6:00 – 8:00 pm</td>
<td>Opening Reception (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>6:00 – 7:00 pm</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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**THURSDAY, FEBRUARY 1**

<table>
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<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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<tr>
<td>6:00 – 7:30 am</td>
<td>Nutrition in Pregnancy Special Interest Group (Miro)</td>
</tr>
<tr>
<td>6:30 – 7:15 am</td>
<td>Continental Breakfast (Chantilly Foyer)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>VIP Lounge (Trinity Ballroom)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>Registration (Trinity Pre-Function), Oral Judge Check-In (Chantilly Foyer)</td>
</tr>
<tr>
<td>7:00 am – 7:00 pm</td>
<td>Mother’s Lounge (Milan), Speaker Ready Room (Coral)</td>
</tr>
<tr>
<td>7:30 – 8:00 am</td>
<td>Welcome from the Program Chair, CEO and President’s Address (Chantilly Ballroom)</td>
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<td>Time</td>
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<tr>
<td>7:30 am – 5:30 pm</td>
<td>Poster Judge Check-In (Trinity Exhibit Hall)</td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Poster Printing Pick-Up (Trinity Ballroom)</td>
</tr>
<tr>
<td>8:00 – 10:00 am</td>
<td>Oral Plenary Session 1 (Chantilly Ballroom)</td>
</tr>
<tr>
<td>10:00 – 10:15 am</td>
<td>Late Breaking Research Presentation (Chantilly Ballroom)</td>
</tr>
<tr>
<td>10:15 – 10:45 am</td>
<td>Special Presentation by Honorary Member (Chantilly Ballroom)</td>
</tr>
<tr>
<td>10:45 am – 12:00 pm</td>
<td>Poster Session I (Trinity Exhibit Hall)</td>
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<tr>
<td>10:30 am – 5:30 pm</td>
<td>Exhibit Hall (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>11:00 am – 12:00 pm</td>
<td>Product Theatre Presentation (Trinity Ballroom)</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>Lunch for International Members (Moraco), Armed Forces MFM Network (Coronado Ballroom C), Research Support Personnel and Investigators (Coronado Ballroom D)</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Luncheon Roundtables (See page 40)</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Industry-Sponsored Learning Lunch (Coronado Ballroom A)</td>
</tr>
<tr>
<td>1:15 – 4:00 pm</td>
<td>Concurrent Oral Sessions (See page 39)</td>
</tr>
<tr>
<td>4:00 – 5:30 pm</td>
<td>Poster Session II (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>4:30 – 5:30 pm</td>
<td>Associate Members’ Meeting (Grand Ballroom D-E)</td>
</tr>
<tr>
<td>5:30 – 6:30 pm</td>
<td>Meet-the-Fellows Reception (Wedgewood Ballroom) Invitations Only</td>
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<tr>
<td>6:00 – 8:00 pm</td>
<td>Dan O’Keeffe Tribute Event (Chantilly Ballroom East)</td>
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<tr>
<td>6:00 – 7:00 pm</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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**FRIDAY, FEBRUARY 2**

<table>
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<tbody>
<tr>
<td>6:00 – 7:00 am</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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<tr>
<td>6:30 – 7:15 am</td>
<td>Continental Breakfast (Chantilly Foyer)</td>
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<tr>
<td>6:30 – 7:30 am</td>
<td>MFM Genetics Breakfast (Metropolitan Ballroom)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>VIP Lounge (Trinity Ballroom)</td>
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<tr>
<td>7:00 am – 5:00 pm</td>
<td>Registration (Trinity Pre-Function), Oral Judge Check-In (Chantilly Foyer)</td>
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<tr>
<td>7:00 am – 7:00 pm</td>
<td>Mother’s Lounge (Milan), Speaker Ready Room (Coral)</td>
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<tr>
<td>7:30 – 8:00 am</td>
<td>Foundation for SMFM Chair Address (Chantilly Ballroom)</td>
</tr>
<tr>
<td>8:00 – 10:00 am</td>
<td>Oral Plenary Session II, Fellows Plenary (Chantilly Ballroom)</td>
</tr>
<tr>
<td>10:00 – 10:45 am</td>
<td>Late Breaking Research (Chantilly Ballroom)</td>
</tr>
<tr>
<td>10:45 am – 12:00 pm</td>
<td>Poster Session III (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>10:30 am – 5:30 pm</td>
<td>Exhibit Hall (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Luncheon Roundtables (See page 40), Industry-Sponsored Learning Lunch (Coronado B-C)</td>
</tr>
<tr>
<td>1:15 – 4:00 pm</td>
<td>Concurrent Oral Sessions (See page 39)</td>
</tr>
<tr>
<td>4:00 – 5:30 pm</td>
<td>Poster Session IV (Trinity Exhibit Hall)</td>
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<tr>
<td>5:30 – 7:30 pm</td>
<td>2nd and 3rd Year Fellows Lecture Session (Coronado A-C)</td>
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<td>6:00 – 7:00 pm</td>
<td>Yoga (Verandah Shelbourne/Pony)</td>
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**SATURDAY, FEBRUARY 3**

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>6:30 – 7:30 am</td>
<td>5K Run/Walk (West Wing Foyer)</td>
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<tr>
<td>6:45 – 7:45 am</td>
<td>Continental Breakfast (Trinity Ballroom)</td>
</tr>
<tr>
<td>7:00 am – 12:00 pm</td>
<td>Registration (Trinity Pre-Function)</td>
</tr>
<tr>
<td>7:00 am – 7:00 pm</td>
<td>Speaker Ready Room (Coral)</td>
</tr>
<tr>
<td>8:00 – 8:30 am</td>
<td>Awards Ceremony for Thursday and Friday Session (Grand Ballroom D-E)</td>
</tr>
<tr>
<td>8:45 – 11:30 am</td>
<td>Oral Concurrent Sessions (See page 39)</td>
</tr>
<tr>
<td>11:00 am – 1:00 pm</td>
<td>Poster Session V (Trinity Exhibit Hall)</td>
</tr>
<tr>
<td>1:00 – 1:15 pm</td>
<td>Awards Ceremony for Saturday Sessions (Trinity Exhibit Hall)</td>
</tr>
</tbody>
</table>
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 scholarship training grant, 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. 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.

**Garite Mini-Sabbatical Grant**

Practicing MFM and MFM fellows 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.

**Quilligan Scholars Program**

OB/Gyn residents who intend to pursue a fellowship in maternal-fetal medicine receive two years of educational and mentoring experiences through this successful program begun in 2013.

**Queenan Fellowships for Global Health**

Established in 2015, practicing MFM 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.

For more information about these programs or to apply, please contact us at foundation@smfm.org or visit our website foundationforSMFM.org

Foundation for SMFM | 409 12th Street, SW. Suite 601 | Washington, DC 20024

WHERE TO FIND US AT THE MEETING

Visit our information station outside the Trinity Exhibit Hall entrance to learn about our programs or make a donation.
### Awardees for All Programs

#### SMFM/AAOGF Research Scholarship

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nandini Raghuraman, MD</td>
<td>2018-2021*</td>
</tr>
<tr>
<td>Adetola Louis-Jacques, MD</td>
<td>2017-2020*</td>
</tr>
<tr>
<td>Jennifer Gilner, MD, PhD</td>
<td>2016-2019*</td>
</tr>
<tr>
<td>K. Joseph Hurt, MD</td>
<td>2015-2018*</td>
</tr>
<tr>
<td>Hillary Roeder, MD</td>
<td>2013-2016*</td>
</tr>
<tr>
<td>Joy Vink, MD</td>
<td>2012-2015*</td>
</tr>
<tr>
<td>Jacob Larkin, MD</td>
<td>2010-2013*</td>
</tr>
<tr>
<td>Mark Alanis, MD</td>
<td>2009-2012</td>
</tr>
<tr>
<td>Antonette Duy, MD</td>
<td>2009-2012*</td>
</tr>
<tr>
<td>Emily Su, MD</td>
<td>2007-2010*</td>
</tr>
<tr>
<td>Francine Einstein, MD</td>
<td>2006-2009*</td>
</tr>
<tr>
<td>Janet Andrews, MD</td>
<td>2005-2008*</td>
</tr>
<tr>
<td>Donna Neale, MD</td>
<td>2004-2007*</td>
</tr>
<tr>
<td>Michael House, MD</td>
<td>2003-2006*</td>
</tr>
<tr>
<td>Rachel Humphrey, MD</td>
<td>2002-2004</td>
</tr>
<tr>
<td>Rodney Edwards, MD</td>
<td>2001-2003</td>
</tr>
<tr>
<td>Michael Elavitz, MD</td>
<td>2000-2002</td>
</tr>
<tr>
<td>M. Sean Esplin, MD</td>
<td>1999-2001</td>
</tr>
<tr>
<td>Lynda Hudon, MD</td>
<td>1998-1999</td>
</tr>
<tr>
<td>Kim Boggess, MD</td>
<td>1997-1998</td>
</tr>
<tr>
<td>Samuel Parry, MD</td>
<td>1996-1997</td>
</tr>
<tr>
<td>Stephen Hunter, MD</td>
<td>1995-1996</td>
</tr>
<tr>
<td>Susan Seligman, MD</td>
<td>1994-1995</td>
</tr>
<tr>
<td>Kee-Hak Lim, MD</td>
<td>1993-1994</td>
</tr>
<tr>
<td>Tracey Cowlis, MD</td>
<td>1992-1993</td>
</tr>
</tbody>
</table>

*Funded jointly with AAOGF

#### ABOG Bridge Funding Award

- Emily Miller, MD: 2017
- Joy Vink, MD: 2015

#### Garite Mini-Sabbatical Grant

- 2016: Lucie Moravia, DO
- 2015: Niamh Condon, DO

### Quilligan Scholars Program

- 2018: Irina Cassimatis, MD
- 2017: Maria Andrikopoulou, MD, PhD
- 2016: Yusuf Ahmed, MD
- 2015: Kelli Barbour, MD

### Queenan Fellowships for Global Health

- 2017: Megan Foeller, MD
- 2016: Aleha Aziz, MD, MPH
- 2015: Yalda Afshar, MD, PhD

### History

The Foundation for SMFM was created by the Society for Maternal-Fetal Medicine (SMFM) 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.
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, 2017.

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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*Founder’s Club member (MFM Board Certification prior to 1983)
†Deceased
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EVENTS

**DR. DAN O’KEEFFE TRIBUTE EVENT**

*Thursday, February 1, 6:00 – 8:00 pm*

**Chantilly Ballroom, Hilton Anatole**

Join the Society for Maternal-Fetal Medicine and the Foundation for SMFM as we honor Dr. Dan O’Keeffe and celebrate his retirement as Executive Vice President of SMFM at the 2018 Annual Meeting in Dallas.

Before joining the SMFM staff in 2009, Dan was a long-time member and volunteer leader. He served on the Board of Directors, the Government Affairs Committee, Coding Committee, and Practice Management Committee. For his tireless service, in 2005, he was presented with the Society’s Lifetime Achievement Award, our highest accolade. Dan was personally responsible for spearheading the Society’s advocacy efforts, for the establishment of the Leadership Academy with Dr. Mike Foley, for conceiving the popular Coding Courses, for the creation of the First-Year Fellows Retreat, and for connecting the Society with key industry leaders through the Foundation’s Corporate Council program. He has raised the visibility of maternal-fetal medicine as a specialty and of the Society as an influencer of health insurers and policymakers. Staff and volunteer leaders alike have shared that Dan has personally empowered them and is a consummate source of positivity.

Questions? Contact Michele Prince at mprince@smfm.org or visit the Foundation’s information station outside the Trinity Exhibit Hall entrance.


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**Sponsors**

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VIP LOUNGE
VIP Lounge sponsored by GE Healthcare
Located in Trinity II Ballroom adjacent to registration
Open from 7:00 am to 5:00 pm Wednesday, January 31 through Friday, February 2.

Society and Foundation VIPs can enjoy a private gathering place to relax, connect, and network with access to comfortable seating, wifi, charging areas, and light refreshments.

Badge access to the Lounge is available to current Program Committee members, Past Presidents of the Society, major contributors to the Foundation for SMFM, and current SMFM and Foundation Board Members.

5K RUN/WALK
Join us on Saturday, February 3, 2018 at 6:30 am for the annual Foundation for SMFM 5K Run/Walk sponsored by Sage Therapeutics. Gather in West Wing Foyer by 6:00 am.

The race will start and finish at the Hilton Anatole and the course will take participants along the Trinity Strand Trail.

To register go to http://bit.ly/2uCmrCe. Registration is $50 and all participants will receive a t-shirt before the race.
POSTGRADUATE COURSES, WORKSHOPS, AND SYMPOSIA

Some postgraduate courses, workshops and symposia run concurrently. 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 requirements 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 the ACCME to provide continuing medical education for physicians. The Omnia-Prova Education Collaborative, Inc. designates this enduring material for a maximum of 74.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MONDAY, JANUARY 29

1. Genetic Diseases: Antenatal Counseling and Diagnostic Strategies
   **Course Directors:** Jeffrey Kuller, MD and Britton Rink, MD, MS  **Room:** Coronado B-D  Up to 7 hours of CME available*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:10 am</td>
<td>Introduction</td>
<td>Jeffrey Kuller, MD</td>
</tr>
<tr>
<td>8:10 – 8:55 am</td>
<td>Prenatal application of whole exome sequencing</td>
<td>Ronald Wapner, MD</td>
</tr>
<tr>
<td>8:55 – 9:25 am</td>
<td>Genetics of congenital heart disease</td>
<td>Neeta Vora, MD</td>
</tr>
<tr>
<td>9:25 – 10:00 am</td>
<td>Genetics education for trainees and providers</td>
<td>Lorraine Dugoff, MD</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
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<tr>
<td>10:30 – 11:15 am</td>
<td>Update on preimplantation genetic testing</td>
<td>Thomas Price, MD</td>
</tr>
<tr>
<td>11:15 – 11:45 am</td>
<td>Ethical issues in genetic testing</td>
<td>Britton Rink, MD, MD</td>
</tr>
<tr>
<td>11:45 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
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<tr>
<td>1:00 – 1:05 pm</td>
<td>Brief introduction to afternoon sessions</td>
<td>Britton Rink, MD, MS</td>
</tr>
<tr>
<td>1:05 – 1:35 pm</td>
<td>Update on recommendations from SMFM, ACOG and ACMG</td>
<td>Annalisa Post, MD</td>
</tr>
<tr>
<td>1:35 – 2:15 pm</td>
<td>Non-Invasive Prenatal Testing (NIPT) update</td>
<td>Mary Norton, MD</td>
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<tr>
<td>2:15 – 3:00 pm</td>
<td>Roundtable discussion on NIPT</td>
<td>Jeffrey Kuller, MD (moderating) with all faculty</td>
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<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:30 – 4:00 pm</td>
<td>Update on carrier screening</td>
<td>Anthony Gregg, MD</td>
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<tr>
<td>4:00 – 4:45 pm</td>
<td>Roundtable discussion on carrier screening</td>
<td>Jeffrey Kuller, MD (moderating) with all faculty</td>
</tr>
<tr>
<td>4:45 – 5:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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</table>
### 2. Obstetric Critical Care

**Course Director:** Luis Pacheco, MD  
**Room:** Wedgwood Ballroom  
Up to 7 hours of CME available*

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Understand the management of pulmonary hypertension, complicated sickle cell disease and amniotic fluid embolism.</td>
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<tr>
<td>2. Be familiar with the management of anticoagulation in the peri-delivery period.</td>
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<tr>
<td>3. Optimize the use of blood products during massive obstetrical hemorrhage.</td>
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<tr>
<td>4. Be familiar with updated guidelines in the management of sepsis and Autosomic Dysreflexia Syndrome (ARDS).</td>
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<tr>
<td>5. Review the pathophysiology and optimal management of acute kidney injury.</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:40 am</td>
<td>ARDS</td>
<td>Luis Pacheco, MD</td>
</tr>
<tr>
<td>8:40 – 9:10 am</td>
<td>Update on new sepsis guidelines</td>
<td>Antonio Saad, MD</td>
</tr>
<tr>
<td>9:10 – 9:50 am</td>
<td>Anticoagulation in the peri-delivery period</td>
<td>Andra James, MD</td>
</tr>
<tr>
<td>9:50 – 10:00 am</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:10 am</td>
<td>Acute kidney injury</td>
<td>Giuseppe Chiossi, MD</td>
</tr>
<tr>
<td>11:10 – 11:50 am</td>
<td>Smart use of blood products</td>
<td>Michaela Farber, MD</td>
</tr>
<tr>
<td>11:50 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:40 pm</td>
<td>Amniotic fluid embolism</td>
<td>Steve Clark, MD</td>
</tr>
<tr>
<td>1:40 – 2:20 pm</td>
<td>Trauma during pregnancy</td>
<td>Alfredo Gei, MD</td>
</tr>
<tr>
<td>2:20 – 2:50 pm</td>
<td>Complicated sickle cell disease</td>
<td>Luis Pacheco, MD</td>
</tr>
<tr>
<td>2:50 – 3:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:30 – 4:30 pm</td>
<td>Interactive critical care cases</td>
<td>Faculty</td>
</tr>
<tr>
<td>4:30 – 5:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
</tbody>
</table>

### 3. Controversies in Maternal Medical Management

**Course Directors:** Anthony Sciscione, DO and Thaddeus Waters, MD  
**Room:** Coronado Ballroom A  
Up to 7 hours of CME available*

<table>
<thead>
<tr>
<th>Learning Objectives</th>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Identify management strategies of common medical complications of pregnancy.</td>
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<tr>
<td>2. Gain knowledge in the management of an acute abdomen during pregnancy.</td>
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<td>3. Gain knowledge in the care of the obstetric patient with acute cardiopulmonary complications.</td>
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<td>4. Gain knowledge in preventive measures for the pregnant patient with a history of preeclampsia.</td>
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<td>5. Gain knowledge in the management of acute medical complications of pregnancy including hemolytic-uremic syndrome (HUS), acute fatty liver of pregnancy (AFLP), and disseminated intravascular coagulation (DIC).</td>
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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:35 am</td>
<td>The best and worst of times: Having cancer during pregnancy</td>
<td>Elyce Cardonick, MD</td>
</tr>
<tr>
<td>8:35 – 9:10 am</td>
<td>Are we mixed up about mixed connective tissue disorders?</td>
<td>Meredith Cruz, MD, MPH</td>
</tr>
<tr>
<td>9:10 – 9:45 am</td>
<td>Hepatitis B and C: The story of missed opportunities</td>
<td>Laura Riley, MD</td>
</tr>
<tr>
<td>9:45 – 10:00 am</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 – 11:10 am</td>
<td>Controversies on the prevention, work-up and treatment of thromboembolism in the pregnant patient</td>
<td>Arthur Jason Vaught, MD</td>
</tr>
<tr>
<td>11:10 – 11:50 am</td>
<td>Approach to the hypoxic pregnant patient</td>
<td>Stephanie Martin, DO</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Faculty</td>
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<tr>
<td>11:50 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:35 pm</td>
<td>The pregnant patient with non-obstetrical abdominal pain: Work-up and approach</td>
<td>Audrey Merriam, MD, MS</td>
</tr>
<tr>
<td>1:35 – 2:10 pm</td>
<td>Pregnancy related myocardial infarction: How is it different?</td>
<td>Afshan Hameed, MD</td>
</tr>
<tr>
<td>2:10 – 2:45 pm</td>
<td>Managing the pregnant patient in the ICU: Hypertensive emergencies - an innovative approach to an old problem</td>
<td>Michael Foley, MD</td>
</tr>
<tr>
<td>2:45 – 3:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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</tr>
<tr>
<td>3:30 – 4:10 pm</td>
<td>Uncommon but deadly: AFLP and HUS in pregnancy</td>
<td>Judette Louis, MD, MPH</td>
</tr>
<tr>
<td>4:10 – 4:50 pm</td>
<td>Prediction and prevention of preeclampsia</td>
<td>Baha Sibai, MD</td>
</tr>
<tr>
<td>4:50 – 5:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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</tbody>
</table>

### 4. GYN Ultrasound for the MFM

**Course Directors:** Jeffrey Dicke, MD and Ilan Timor, MD  
**Room:** Senators Lecture Hall  
Up to 7 hours of CME available*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
</table>
| Learning Objectives: | 1. Identify the sonographic features of uterine and adnexal abnormalities.  
2. Identify the appearance and classification of uterine duplication malformations.  
3. Identify the sonographic detection of atypical early pregnancies.  
4. Identify the ultrasound characteristics of neoplasms in pregnancy.  |                  |
| 8:00 – 8:40 am | Evaluation of adnexal masses                                              | Lisa Bernard, MD |
| 8:40 – 9:20 am | Evaluation of abdominopelvic pain in the gravid patient                  | Jeffrey Dicke, MD |
| 9:20 – 10:00 am | Uterine anomalies                                                        | Lisa Bernard, MD |
| 10:00 – 10:30 am | Break                                                                  |                  |
| 10:30 – 11:10 am | Pregnancies of unusual locations: Cesarean scar pregnancy                | Ilan Timor, MD   |
| 11:10 am – 12:00 pm | Abnormal early pregnancies                                               | Lisa Bernard, MD |
| 12:00 – 1:00 pm | Lunch Break                                                              |                  |
| 1:00 – 1:40 pm | Evaluation of the uterus and the uterine cavity: Enhanced myometrial vascularity and saline infusion sono-hysteroscopy | Faculty          |
| 1:40 – 2:20 pm | Uterine conditions affecting pregnancy                                    | Jeffrey Dicke, MD |
| 2:20 – 3:00 pm | Cancer in pregnancy                                                      | Ilan Timor, MD   |
| 3:00 – 3:30 pm | Break                                                                    |                  |
| 3:30 – 4:10 pm | The strictly necessary features of 3D US for MFM specialist pertinent to gynecologic scanning | Faculty          |
| 4:10 – 5:00 pm | Appropriate use of alternate imaging techniques in the obstetric patient | Jeffrey Dicke, MD and Ilan Timor, MD |

### Putting the “M” Back into Maternal-Fetal Medicine: A Focus on Postpartum Hemorrhage

**Course Directors:** Michael Foley, MD and Dena Goffman, MD  
**Room:** Senators Lecture Hall  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
</table>
| Learning Objectives: | 1. Describe clinical and laboratory manifestations of life threatening postpartum hemorrhage (PPH).  
2. Explain pharmacologic, non-pharmacologic and transfusion therapies for PPH.  
3. Identify opportunities to use simulation to improve management of PPH.  
4. Summarize strategies for establishing a multidisciplinary care team and protocol for PPH management.  |                  |
The global impact of postpartum hemorrhage: The problem
Lisa Nathan, MD

Clinical manifestations of life threatening hemorrhage: Effectively estimating blood loss
Mary D’Alton, MD

Finally, understanding the clotting cascade and disseminated intravascular coagulopathy
Mike Foley, MD

Massive transfusion therapy during postpartum hemorrhage
Stephanie Martin, DO

Break

Pharmacologic and non-pharmacologic therapy for postpartum hemorrhage
Michael Belfort, MD

Making a real educational impact at your institution: Team simulation training
Dena Goffman, MD

Putting it all together: Establishing a “checklist” protocol and a multidisciplinary care team for PPH at your institution
Shad Deering, MD

2018 President’s Workshop: Substance Use Disorders in Pregnancy
Co-sponsored by SMFM, ACOG, ASAM
Monday, January 29 – Tuesday, January 30, 2018 Room: Cortez A-B

Learning Objectives:
1. To review the current evidence on substance use and substance use disorders in pregnancy.
2. To review existing barriers to accessing treatment for substance use disorders in pregnant women.
3. To review ethical issues regarding screening and treating substance use disorders in pregnant women.
4. To review and discuss clinical guidance for obstetric care providers in treating pregnant women with substance use disorders.
5. To discuss acute and chronic pain management during antepartum, intrapartum and postpartum care.
6. To review research needs and gaps on maternal and fetal effects of substance use during pregnancy and treatment outcomes.

DAY 1: MONDAY, JANUARY 29, 2018

1:00 – 1:05 pm Welcome Alfred Abuhamad, MD

1:05 – 1:10 pm Introductions, goals and objectives Alfred Abuhamad, MD; Washington Hill, MD; and Jeffrey Ecker, MD

1:10 – 1:55 pm Epidemiology and Impact
1:10 - 1:25 Scope of the problem: epidemiology of substance use disorder (SUD) in pregnancy (prescriptions/illicit substances/alcohol) Jennifer Bailit, MD
1:25 - 1:40 Impact of SUD on the pregnant mother William Gormban, MD
1:40 - 1:55 Impact of SUD on the fetus/neonate (Fetal alcohol syndrome – neonatal abstinence syndrome) Mark Hudak, MD

1:55 – 2:40 pm Prenatal Screening and Care
1:55 - 2:10 Screening for SUD in pregnancy: Existing protocols and state laws Jean Ko, PhD
2:10 - 2:25 Screening for SUD in pregnancy: Ethical and legal ramifications Jeffery Ecker, MD
2:25 - 2:40 Comprehensive models for addiction support and pregnancy Washington Hill, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Session &amp; Topic</th>
<th>Speakers &amp; Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:40 – 3:50 pm</td>
<td><strong>Pain management in pregnancy, intrapartum &amp; postpartum</strong></td>
<td>Kimberly Yonkers, MD</td>
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<td>2:40 - 2:55 Opioid prescriptions: Local and state policies</td>
<td>Howard Minkoff, MD</td>
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<td>2:55 - 3:20 Knowledge/education of healthcare team in opioid prescription</td>
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<td>3:20 - 3:35 Break</td>
<td>Brian Bateman, MD</td>
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<td>3:35 - 3:50 Pain management: Antepartum, intrapartum, postpartum and beyond</td>
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<tr>
<td>3:50 – 5:00 pm</td>
<td><strong>Treatment Modalities &amp; Prevention</strong></td>
<td>Constance Guille, MD; Mishka Terplan, MD;</td>
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<td>3:50 - 4:10 Opioid replacement therapy</td>
<td>Faculty</td>
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<td>4:10 - 4:30 Medication assisted opioid withdrawal</td>
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<td>4:30 - 4:40 Treatment of co-morbidities (dual diagnosis)</td>
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<td></td>
<td>4:40 - 4:50 Prevention of substance use disorders in pregnancy</td>
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<td></td>
<td>4:50 - 5:00 Patient perspective</td>
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<tr>
<td>5:00 – 5:30 pm</td>
<td><strong>Q and A</strong></td>
<td>Faculty</td>
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<tr>
<td>5:30 pm</td>
<td><strong>Charge to groups and adjourn</strong></td>
<td>Faculty</td>
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</table>

**DAY 2: TUESDAY, JANUARY 30, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker &amp; Faculty</th>
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</thead>
<tbody>
<tr>
<td>8:00 – 8:30 am</td>
<td><strong>Review of charge to groups, logistics and deliverables</strong></td>
<td>Alfred Abuhamad, MD</td>
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<tr>
<td>8:30 am – 12:00 pm</td>
<td><strong>Break-out groups (15 min break at 9:45 am)</strong></td>
<td>Group</td>
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<td></td>
<td>Breakout group topics</td>
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<tr>
<td></td>
<td>1. Screening for substance use disorders in pregnancy.</td>
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<td></td>
<td>2. Pain management during pregnancy, intrapartum, and postpartum.</td>
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<td>A PowerPoint presentation will be developed during the session for presentation in afternoon</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td><strong>Lunch break</strong></td>
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<tr>
<td>1:00 – 4:30 pm</td>
<td><strong>Presentations from the break out groups for group discussion and consensus</strong></td>
<td>Group</td>
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<tr>
<td></td>
<td>1:00 - 1:45 Breakout group #1 summary</td>
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<td></td>
<td>1:45 - 2:00 Group #1 Q&amp;A and discussion</td>
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<tr>
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<td>2:00 - 2:45 Breakout group #2 summary</td>
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<td>2:45 - 3:00 Group #2 Q&amp;A and discussion</td>
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<td>3:00 - 3:15 Break</td>
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<tr>
<td></td>
<td>3:15 - 4:15 Breakout group #3 summary</td>
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<td></td>
<td>3:14 - 4:30 Group #3 Q&amp;A and discussion</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td><strong>Research gaps: What studies need to be undertaken?</strong></td>
<td>Uma Reddy, MD</td>
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<tr>
<td>5:00 pm</td>
<td><strong>Closing remarks and next steps</strong></td>
<td>Alfred Abuhamad, MD</td>
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</tbody>
</table>
### 5. The Pregnant Cardiac Patient – At Risk of Indirect Maternal Death: How to Manage Before, During, and After Pregnancy

**Course Directors:** Diana Wolfe, MD, MPH and Afshan Hameed, MD  
**Room:** Wedgewood Ballroom  
Up to 7 hours of CME available*

<table>
<thead>
<tr>
<th>Learning Objectives</th>
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<tbody>
<tr>
<td>1. Understand the burden of cardiovascular disease in pregnancy: Lessons learned from mortality reviews.</td>
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<tr>
<td>2. Common cardiac symptoms in pregnancy: How to differentiate normal from abnormal?</td>
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<tr>
<td>3. What cardiac diagnostic test to order? How does pregnancy affect them?</td>
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<tr>
<td>4. What are the top three cardiac diagnoses in pregnancy?</td>
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<tr>
<td>5. Introduction to the Cardiovascular Toolkit.</td>
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<tr>
<td>6. Propose a solution: Multidisciplinary counseling and checklists.</td>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>8:00 – 8:10 am</td>
<td>Introductions</td>
<td>Diana Wolfe, MD and Afshan Hameed, MD</td>
</tr>
<tr>
<td>8:10 – 8:30 am</td>
<td>Cardiac disease: #1 killer in pregnancy</td>
<td>Elliott Main, MD</td>
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<tr>
<td>8:30 – 8:50 am</td>
<td>The cardiologist’s approach to risk assessment of heart disease in pregnancy</td>
<td>Samuel Siu, MD</td>
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<tr>
<td>8:50 – 9:00 am</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>9:00 – 9:20 am</td>
<td>Valve disease: Native and prosthetic</td>
<td>Afshan Hameed, MD</td>
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<tr>
<td>9:20 – 9:40 am</td>
<td>Controversies in anticoagulation in pregnancy</td>
<td>Uri Elkayam, MD</td>
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<tr>
<td>9:40 – 10:00 am</td>
<td>Case presentation #1: Interactive discussion of complex issues</td>
<td>Faculty</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 – 10:50 am</td>
<td>Cardiomyopathy in pregnancy</td>
<td>Joan Briller, MD</td>
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<td>10:50 – 11:10 am</td>
<td>Pulmonary hypertension in pregnancy</td>
<td>Stephanie Martin, DO</td>
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<tr>
<td>11:10 – 11:30 am</td>
<td>Congenital heart disease: Cyanotic versus non-cyanotic</td>
<td>Jeannette Lin, MD</td>
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<tr>
<td>11:30 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
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<tr>
<td>1:00 – 1:20 pm</td>
<td>What is the best analgesia/anesthesia?</td>
<td>Michael Foley, MD</td>
</tr>
<tr>
<td>1:20 – 1:40 pm</td>
<td>Cardiac symptoms: How to differentiate pregnancy related from cardiac?</td>
<td>Dena Goffman, MD</td>
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<tr>
<td>1:40 – 1:50 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>1:50 – 2:10 pm</td>
<td>What cardiac test to order? How does pregnancy effect diagnostic testing?</td>
<td>Cynthia Taub, MD</td>
</tr>
<tr>
<td>2:10 – 2:30 pm</td>
<td>Introduction to the Cardiovascular Toolkit</td>
<td>Afshan Hameed, MD</td>
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<tr>
<td>2:30 – 3:00 pm</td>
<td>Case presentation #2: Interactive discussion of complex issues</td>
<td>Faculty</td>
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<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:30 – 3:50 pm</td>
<td>Postpartum cardiac care</td>
<td>Kathryn Lindley, MD</td>
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<tr>
<td>3:50 – 4:10 pm</td>
<td>Cardiac catastrophes</td>
<td>Katherine Arendt, MD</td>
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<td>4:10 – 4:30 pm</td>
<td>MFM-cardiology joint program: A proposed solution</td>
<td>Diana Wolfe, MD, MPH</td>
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<tr>
<td>4:30 – 4:50 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>4:50 – 5:00 pm</td>
<td>Closing</td>
<td>Diana Wolfe, MD, MPH and Afshan Hameed, MD</td>
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</tbody>
</table>
### 6. Fetal Echo with First Trimester Anatomic Survey

**Course Directors:** Joshua Copel, MD, Luis Goncalves, MD and Lynn Simpson, MD  
**Room:** Senators Lecture Hall  
**Up to 7 hours of CME available**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Faculty</th>
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</thead>
<tbody>
<tr>
<td>8:00 – 8:30 am</td>
<td>Four-chamber view</td>
<td>Joshua Copel, MD</td>
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<tr>
<td>8:30 – 9:00 am</td>
<td>Outflow tracts and arches</td>
<td>Luis Goncalves, MD</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>Three-vessel-trachea view</td>
<td>Tracy Anton, RDMS</td>
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<tr>
<td>9:30 – 10:00 am</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 – 11:00 am</td>
<td>Venous system</td>
<td>Tracy Anton, RDMS</td>
</tr>
<tr>
<td>11:00 – 11:30 am</td>
<td>Early fetal echocardiography</td>
<td>Alfred Abuhamad, MD</td>
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<tr>
<td>11:30 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
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<tr>
<td>1:00 – 1:30 pm</td>
<td>Fetal anatomic survey between 11 and 14 weeks</td>
<td>Luis Goncalves, MD</td>
</tr>
<tr>
<td>1:30 – 2:00 pm</td>
<td>Congenital anomalies that can be detected early and what to do when you find them</td>
<td>Alfred Abuhamad, MD</td>
</tr>
<tr>
<td>2:00 – 2:30 pm</td>
<td>First trimester imaging: Beyond the fetal survey</td>
<td>Bryann Bromley, MD</td>
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<tr>
<td>2:30 – 3:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>3:00 – 3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:30 – 4:00 pm</td>
<td>What is the current role of first trimester ultrasound in genetic screening?</td>
<td>Mary Norton, MD</td>
</tr>
<tr>
<td>4:00 – 4:30 pm</td>
<td>Test your diagnostic skills</td>
<td>Lynn Simpson, MD</td>
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<tr>
<td>4:30 – 5:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
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### 7. Obstetric Complications in Pregnancy, Labor and Delivery-Debates

**Course Directors:** Sindhu Srinivas, MD, MSCE  
**Room:** Coronado B-D  
**Up to 7 hours of CME available**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>8:00 – 8:30 am</td>
<td>Introduction</td>
<td>Faculty</td>
</tr>
<tr>
<td>8:30 – 9:00 am</td>
<td>PPROM: To deliver at 34 weeks or not? That is the question</td>
<td>Dwight Rouse, MD and Cynthia Gyamfi-Bannerman, MD, MS</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>Delivery in nulliparous morbidly obese women: Induction of labor versus outright cesarean delivery</td>
<td>Judette Louis, MD and Molly Stout, MD</td>
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<tr>
<td>9:30 – 10:00 am</td>
<td>Q and A</td>
<td>Faculty</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker(s)</td>
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<tr>
<td>10:30 – 11:00 am</td>
<td>The fetal anatomic survey: 16 weeks for all versus keep it 20 weeks</td>
<td>Mary Norton, MD and Tony Sciscione, DO</td>
</tr>
<tr>
<td>11:00 – 11:30 am</td>
<td>Controversies around methods and techniques for cervical ripening</td>
<td>Corina Schoen, MD</td>
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<tr>
<td>11:30 am – 12:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Management of sIUGR: Selective cord occlusion versus expectant management</td>
<td>Michael Zaretsky, MD and Nahla Kalek, MD</td>
</tr>
<tr>
<td>1:30 – 2:00 pm</td>
<td>IUGR in setting of preeclampsia: Expectant management versus outright delivery</td>
<td>Sindhu Srinivas, MD, MSCE and Baha Sibai, MD</td>
</tr>
<tr>
<td>2:00 – 2:30 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>2:30 – 3:00 pm</td>
<td>Late-breaking debate</td>
<td>Audience</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>Azithromycin for surgical site infection (SSI) prevention: Give it to all laboring women versus more harm than good</td>
<td>Alan Tita, MD and Christian Pettker, MD</td>
</tr>
<tr>
<td>4:00 – 4:30 pm</td>
<td>Late-breaking debate</td>
<td>Audience</td>
</tr>
<tr>
<td>4:30 – 5:00 pm</td>
<td>Q and A</td>
<td>Faculty</td>
</tr>
</tbody>
</table>

8. Obstetric Critical Care: Hands-On Simulation Course
Course Directors: Shad Deering, MD and Arthur Jason Vaught, MD  
Room: Topaz  
Up to 3.75 hours of CME available*  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:10 am</td>
<td>Introduction</td>
<td>Shad Deering, MD</td>
</tr>
<tr>
<td>8:10 – 8:30 am</td>
<td>Cardiac arrest in pregnancy / amniotic fluid embolism</td>
<td>Monica Lutgendorf, MD</td>
</tr>
<tr>
<td>8:30 – 8:50 am</td>
<td>Hypertensive emergencies in pregnancy</td>
<td>Dena Goffman, MD</td>
</tr>
<tr>
<td>8:50 – 9:10 am</td>
<td>Sepsis in pregnancy</td>
<td>Arthur Jason Vaught, MD</td>
</tr>
<tr>
<td>9:10 – 10:00 am</td>
<td>Simulation stations: Rotation #1</td>
<td>Faculty</td>
</tr>
<tr>
<td>10:00 – 10:15 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15 – 11:05 am</td>
<td>Simulation stations: Rotation #2</td>
<td>Faculty</td>
</tr>
<tr>
<td>11:05 – 11:55 am</td>
<td>Simulation stations: Rotation #3</td>
<td>Faculty</td>
</tr>
<tr>
<td>11:55 – 12:00 pm</td>
<td>Concluding remarks and review</td>
<td>Shad Deering, MD</td>
</tr>
</tbody>
</table>

9. Evidence-Based Fetal Intervention
Course Directors: Russell Miller, MD and Daniel Skupski, MD  
Room: Governors Lecture Hall  
Up to 3.5 hours of CME available*  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Learning Objectives:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Be familiar with and practice management of hypertensive emergencies in pregnancy.</td>
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<tr>
<td></td>
<td>2. Understand common etiologies for sepsis during pregnancy and demonstrate the appropriate interventions including management of DIC.</td>
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<tr>
<td></td>
<td>3. Describe and practice the diagnostic and treatment algorithms used during cardiac arrest in pregnancy.</td>
<td></td>
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<tr>
<td></td>
<td>4. Review and understand risk factors and complications related to amniotic fluid embolism.</td>
<td></td>
</tr>
</tbody>
</table>
1:00 – 1:30 pm  Ethical dimensions of evidence-based fetal interventions  
Faculty

1:30 – 2:00 pm  Fetoscopic endoluminal tracheal occlusion (FETO) for congenital diaphragmatic hernia: Occlusion or confusion?  
Anthony Johnson, DO

2:00 – 2:30 pm  To shunt or not to shunt: Fetal therapy for lower urinary outflow tract obstruction (LUTO)  
Daniel Skupski, MD

2:30 – 3:00 pm  Q and A  
Faculty

3:00 – 3:30 pm  Break

3:30 – 3:55 pm  Gastrochisis: Does the available evidence support a best clinical practice?  
Amy Wagner, MD

3:55 – 4:20 pm  Evidence-based therapy for twin-twin transfusion syndrome: What we know and what we’d like to know  
Russell Miller, MD

4:20 – 4:45 pm  The evidence backing fetal myelomeningocele repair  
Julie Moldenhauer, MD

4:45 – 5:00 pm  Q and A  
Faculty

WEDNESDAY, JANUARY 31

African Coalition for Excellence in Obstetric and Neonatal Care

Course Directors: Jorge E. Tolosa, MD and Timothy R.B. Johnson, MD  
Room: Cortez Ballroom A  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:15 am</td>
<td>Introductions</td>
<td>Jorge E. Tolosa MD, MSCE and Timothy R.B. Johnson, MD</td>
</tr>
<tr>
<td>8:15 – 8:45 am</td>
<td>Description of the African Coalition for Excellence in Obstetric and Neonatal Care</td>
<td>Jorge E. Tolosa MD, MSCE</td>
</tr>
<tr>
<td>8:45 – 9:15 am</td>
<td>Status of the multisociety task force on ultrasound training curriculum and competency assessment in residency programs</td>
<td>Alfred Abuhamad, MD</td>
</tr>
<tr>
<td>9:15 – 9:45 am</td>
<td>The ISUOG basic ultrasound training program</td>
<td>Reem S. Abu-Rustum, MD, FACOG, FACS, FAIUM</td>
</tr>
<tr>
<td>9:45 – 10:15 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15 – 10:30 am</td>
<td>Progress: Development of an obstetric ultrasound and MFM program at the Kwame Nkrumah University of Science and Technology, Kumasi and at Korle Bu Teaching Hospital of the University of Ghana Medical School in Accra, Ghana with the University of Michigan</td>
<td>Timothy R.B. Johnson, MD and Lucie V. Moravia, DO, MPH</td>
</tr>
<tr>
<td>10:30 – 10:45 am</td>
<td>Progress: The high-risk obstetrics program at the department of obstetrics and gynecology at the University of Ibadan, Nigeria</td>
<td>Adetola Louis-Jacques, MD; Anthony Odibo, MD; Leonardo Pereira, MD, MCR; and Jorge E. Tolosa, MD, MSCE</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Presenter(s)</td>
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<tr>
<td>10:45 – 11:00 am</td>
<td>Progress: The maternal-fetal medicine fellowship program at the department of obstetrics and gynecology of St. Paul’s Hospital Millennium Medical College, Ethiopia</td>
<td>Abudulfetah Abdulkadir Abdosh, MD and Timothy R.B. Johnson, MD</td>
</tr>
<tr>
<td>11:00 – 11:15 am</td>
<td>Progress: The Yale, Duke and Einstein collaboration in global women’s health with the University of Rwanda School of Medicine, Rwanda</td>
<td>Katherine Campbell, MD; Urania Magriples, MD; Rodney L. Wright, MD; Diana S. Wolfe, MD; Maria J. Small, MD; Washington Hill, MD; and Stephen Rulisey</td>
</tr>
<tr>
<td>11:15 – 11:30 am</td>
<td>Progress: The high-risk obstetrics program at the department of obstetrics and gynecology at the University of Zambia, Zambia</td>
<td>Elizabeth Stringer, MD, MSc</td>
</tr>
<tr>
<td>11:30 – 11:45 am</td>
<td>Progress: The high-risk obstetrics program at the department of obstetrics and gynecology at Tenwek Hospital, Kenya</td>
<td>Phillip Greig, MD</td>
</tr>
<tr>
<td>11:45 am – 12:00 pm</td>
<td>Progress: University of Alabama at Birmingham and the Cameroon Baptist Convention Health Services and the University of Buea, Cameroon</td>
<td>Alan T.N. Tita MD, PhD</td>
</tr>
<tr>
<td>12:00 – 12:30 pm</td>
<td>Development of a first joint research project across centers</td>
<td>Jorge E. Tolosa MD, MSCE Group</td>
</tr>
<tr>
<td>12:30 – 1:00 pm</td>
<td>Closing remarks</td>
<td>Jorge E. Tolosa MD, MSCE and Timothy R.B. Johnson, MD</td>
</tr>
</tbody>
</table>

10. Treatment of Opioid Use Disorder: Includes Waiver Qualifying Requirements

**Course Directors:** Mona Prasad, DO, MPH; Washington Hill, MD and Cornelia Graves, MD

**Room:** Coronado B-D

Up to 5 hours of CME available*

**Learning Objectives:**

1. Apply for a waiver to prescribe buprenorphine to patients with opioid use disorders.
2. Identify and assess patients who are appropriate for treatment with medications.
3. Gain specific knowledge concerning the use of medications to manage patients with addiction involving opioid use.
4. Review the evidence for the use of methadone or buprenorphine in treating pregnant patients with an opioid addiction.
5. Review the evidence for and against medically assisted withdrawal (detoxification) from opioids during pregnancy.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>8:00 – 10:00 am</td>
<td>Module I: Treatment of opioid use disorder course</td>
<td>Edwin Salsitz, MD, DFASAM and Mona Prasad, DO, MPH</td>
</tr>
<tr>
<td>10:00 – 10:15 am</td>
<td>Break</td>
<td>-</td>
</tr>
<tr>
<td>10:15 – 12:00 pm</td>
<td>Module II: Treatment of opioid use disorder course</td>
<td>Edwin Salsitz, MD, DFASAM and Mona Prasad, DO, MPH</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break – Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>1:00 – 1:45 pm</td>
<td>DEBATE: Metha-do or Metha-don’t? Methadone versus Buprenorphine for medication assisted treatment in pregnancy</td>
<td>Neil Seligman, MD and Marjorie Meyer, MD</td>
</tr>
<tr>
<td>1:45 – 2:30 pm</td>
<td>DEBATE: Medically assisted opiate withdrawal (detoxification): Risky business or not?</td>
<td>Robert Sokol, MD and Craig Towers, MD</td>
</tr>
</tbody>
</table>
# 11. Preterm Labor and Birth Management: United States versus Europe (SMFM-EAPM-PREIS Academy Course)

**Course Directors:** Moshe Hod, MD and Gian Carlo Di Renzo, MD (Europe)
Mary D’Alton, MD and Vincenzo Berghella, MD (United States)

**Room:** Wedgewood Ballroom  Up to 5.5 hours of CME available*

| Learning Objectives: | 1. Describe how differences in risk factors prevalence can explain differences in preterm delivery rates worldwide.  
| | 2. Review new SMFM and EAPM guidelines in the management of preterm birth (PTB).  
| | 3. Evaluate emerging concepts in the pathophysiology of premature cervical remodeling.  
| | 4. Evaluate the benefits of universal cervical length (CL) screening. The knowledge of technical requirements and pitfalls of CL measurements throughout gestation, and the clinical value of CL in high risk as well as in general population.  
| | 5. Evaluate treatment options to prevent spontaneous preterm birth.  
| | 6. Discuss how much a successful intervention to prevent preterm delivery can affect the overall preterm delivery rate.  
| | 7. Identify the role of tocolytics and their clinical implementation will be reviewed.  
| | 8. Provide insight in the beneficial effects but also on the side-effects of corticosteroids. |

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:20 am</td>
<td>Introduction and audience response questions</td>
<td>Course Directors</td>
</tr>
<tr>
<td>8:20 – 8:50 am</td>
<td>PTB should be less than 5-7% (Risk factors difference; Geographic differences in Europe versus United States)</td>
<td>Bo Jacobsson, MD, PhD and Tracy Manuck, MD</td>
</tr>
<tr>
<td>8:50 – 9:20 am</td>
<td>Universal CL screening</td>
<td>Vincenzo Berghella, MD and Bo Jacobsson, MD, PhD</td>
</tr>
<tr>
<td>9:20 – 9:50 am</td>
<td>Progesterone for prior PTB</td>
<td>Yves Ville, MD and Bill Grobman, MD</td>
</tr>
<tr>
<td>9:50 – 10:00 am</td>
<td>Discussion</td>
<td>Faculty</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>Pessary or cerclage</td>
<td>Vincenzo Berghella, MD and Gian Carlo Di Renzo, MD</td>
</tr>
<tr>
<td>11:00 – 11:30 am</td>
<td>Twins with short cervix</td>
<td>Gian Carlo Di Renzo, MD and Cynthia Gyamfi-Bannerman, MD, MS</td>
</tr>
<tr>
<td>11:30 am – 12:00 pm</td>
<td>Discussion – Q and A</td>
<td>Faculty</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Diagnosis and management of women with preterm labor</td>
<td>Tracy Manuck, MD and Yves Ville, MD</td>
</tr>
<tr>
<td>1:30 – 2:00 pm</td>
<td>Tocolytics: which agent?</td>
<td>Gerry Visser, MD and Bill Grobman, MD</td>
</tr>
<tr>
<td>2:00 – 2:30 pm</td>
<td>Steroids within 7 days and between 34-37 weeks</td>
<td>Cynthia Gyamfi-Bannerman, MD, MS and Gerry Visser, MD</td>
</tr>
<tr>
<td>2:30 – 3:00 pm</td>
<td>Discussion – Q and A</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
12. Hands-On Simulation Workshop for Ultrasound Guided Invasive Procedures

Course Directors: Joshua Nitsche, MD, PhD and Brian Brost, MD  Room: Topaz  Up to 4.25 hours of CME available*  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Learning Objectives:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Identify available options for simulating ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>2. Identify curricula specific for different ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>3. Provide instructions on the basics of ultrasound guided invasive procedures.</td>
</tr>
<tr>
<td>4. Train experienced providers on how to establish an ultrasound guided invasive procedure simulation program at their institution.</td>
</tr>
<tr>
<td>5. Demonstrate how simulation can be used by experienced providers to maintain skill with low-frequency procedures.</td>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:15 am</td>
<td>Introduction to ultrasound guided needle procedure simulation</td>
<td>Joshua Nitsche, MD, PhD and Brian Brost, MD</td>
</tr>
<tr>
<td>8:15 – 8:45 am</td>
<td>Needle guidance basics</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
| 8:45 – 10:15 am | Hands-on simulation  
  - Chronic Villus Sampling  
  - Amniocentesis  
  - In-utero Stenting | Faculty                           |
| 10:15 – 10:30 am| Break                                                 |                                   |
| 10:30 – 11:15 am| Hands-on simulation  
  - Chronic Villus Sampling  
  - Amniocentesis  
  - In-utero Stenting | Faculty                           |
| 11:15 am – 12:15 pm| Commercial simulator hands-on demonstration | Faculty                           |
| 12:15 – 12:30 pm| Concluding remarks                                    | Joshua Nitsche, MD, PhD and Brian Brost, MD |

13. Cervical Length and Education Review (CLEAR) Program

Course Director: Helen Feltovich, MD  Room: De La Salle  
Note: no lunch served at this course.

<table>
<thead>
<tr>
<th>Learning Objectives:</th>
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</thead>
<tbody>
<tr>
<td>1. State the content of professional statements related to cervical length measurement, the rationale for cervical length measurement in the second trimester of pregnancy, and the application of cervical length measurements in clinical management.</td>
</tr>
<tr>
<td>2. Identify the nine sonographic image and measurement criteria for cervical length and cervical length measurement pitfalls to improve individual sonographic skills through the Perinatal Quality Foundation CLEAR program.</td>
</tr>
<tr>
<td>3. Discuss the use of cervical length in the nulliparous woman.</td>
</tr>
<tr>
<td>4. Explain the rationale behind image quality control.</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:20 am</td>
<td>Preterm birth: one diagnosis, multiple phenotypes</td>
<td>Helen Feltovich, MD</td>
</tr>
<tr>
<td>8:20 – 8:50 am</td>
<td>Why measure the cervix?</td>
<td>Rupsa Boelig, MD</td>
</tr>
<tr>
<td>8:50 – 9:30 am</td>
<td>How to measure the cervix with image review (audience participation)</td>
<td>Lawrence Platt, MD</td>
</tr>
<tr>
<td>9:30 – 10:00 am</td>
<td>What about nulliparous women: universal screening, serial cervical length, or neither?</td>
<td>Sean Esplin, MD</td>
</tr>
<tr>
<td>10:00 – 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 10:50 am</td>
<td>Image quality control for the cervix: does it matter?</td>
<td>Rupsa Boelig, MD</td>
</tr>
<tr>
<td>10:50 – 11:20 am</td>
<td>Progesterone or cerclage for the short cervix?</td>
<td>Sean Esplin, MD</td>
</tr>
<tr>
<td>11:20 – 11:40 am</td>
<td>The future of cervical evaluation</td>
<td>Helen Feltovich, MD</td>
</tr>
<tr>
<td>11:40 am – 12:00 pm</td>
<td>Q and A and CLEAR program details</td>
<td>Faculty and Jean Lea Spitz, MPH</td>
</tr>
</tbody>
</table>
NEW YORK’S #1 HOSPITAL. 17 YEARS IN A ROW.

Our deepest thanks to the volunteers, staff, nurses, and doctors from Columbia and Weill Cornell for the expertise and commitment that make this honor possible.

Visit us at booth #402

NewYork-Presbyterian

Weill Cornell Medicine | NewYork-Presbyterian | ColumbiaDoctors
### Critical Care
**Forum Leader:** Julie Scott, MD  **Room:** Coronado D

<table>
<thead>
<tr>
<th>Time of Presentation</th>
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<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 3:20 pm</td>
<td>Only four ways to drop your hemoglobin</td>
<td>Cayse Powell, MD</td>
</tr>
<tr>
<td>3:20 - 3:40 pm</td>
<td>When antibiotics fail: the hunt for a unifying diagnosis</td>
<td>Aakriti Carrubba, MD</td>
</tr>
<tr>
<td>3:40 - 4:00 pm</td>
<td>One Sunday morning</td>
<td>Sarah Sternlieb, MD</td>
</tr>
<tr>
<td>4:00 - 4:20 pm</td>
<td>When it rains, it pours</td>
<td>Thomas Westover, MD</td>
</tr>
<tr>
<td>4:20 - 4:40 pm</td>
<td>A downward spiral</td>
<td>Trevor Quiner, MD</td>
</tr>
<tr>
<td>4:40 - 5:00 pm</td>
<td>Making the cut</td>
<td>Emily Wilner, MD</td>
</tr>
<tr>
<td>5:00 - 5:15 pm</td>
<td>The most central line</td>
<td>Lisa Gill, MD</td>
</tr>
<tr>
<td>5:15 - 5:30 pm</td>
<td>Sometimes you have to think horses and not zebras to get the right diagnosis!</td>
<td>Antonia P. Francis, MD</td>
</tr>
</tbody>
</table>

### Bending the Diabetes Curve: Improving Health From Preconception to Postpartum
**Forum Leader:** Chloe Zera, MD  **Room:** Desoto A

<table>
<thead>
<tr>
<th>Time of Presentation</th>
<th>Title of Presentation</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 3:45 pm</td>
<td>The HAPO follow up study; The Lifestyle Intervention Prior to Pregnancy (LIPP) trial</td>
<td>Patrick Catalano, MD</td>
</tr>
<tr>
<td>3:45 - 4:30 pm</td>
<td>Group prenatal care for women with diabetes</td>
<td>Ebony Carter, MD, MPH</td>
</tr>
<tr>
<td>4:30 - 5:15 pm</td>
<td>Improving lactation outcomes for women with diabetes</td>
<td>Alison Stuebe, MD, MSc</td>
</tr>
<tr>
<td>5:15 - 5:30 pm</td>
<td>Discussion</td>
<td>All</td>
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</table>

### Fetal Cardiology Scientific Forum
**Forum Leader:** Wesley Lee, MD  **Room:** De La Salle

*Fetal Cardiology will include a simulation for the first 20 people that register.*

<table>
<thead>
<tr>
<th>Time of Presentation</th>
<th>Title of Presentation</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 4:00 pm</td>
<td>New horizons in assessment of fetal cardiac size, shape, and function: the role of the four-chamber view</td>
<td>Greggory R. DeVore, MD</td>
</tr>
<tr>
<td>4:00 - 5:00 pm</td>
<td>Obstetrical ultrasound simulation: like you have never seen, experienced, or done before</td>
<td>Roberto Romero, MD, D.Med.Sci.</td>
</tr>
<tr>
<td>5:00 - 5:30 pm</td>
<td>Panel discussion: questions and answers</td>
<td>All</td>
</tr>
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</table>

### Genetics
**Forum Leader:** Barbara O’Brien, MD  **Room:** Emerald

<table>
<thead>
<tr>
<th>Time of Presentation</th>
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<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 3:30 pm</td>
<td>cfDNA and single gene disorders</td>
<td>Ignatia B. Van den Veyver, MD</td>
</tr>
<tr>
<td>3:30 - 4:00 pm</td>
<td>Ethics in MFM</td>
<td>Britt Drink, MD</td>
</tr>
<tr>
<td>4:00 - 4:30 pm</td>
<td>Expanded carrier screening</td>
<td>Teresa Sparks, MD</td>
</tr>
</tbody>
</table>
### Global Health
**Forum Leader:** Homa Ahmadzia, MD and Marcela Smid, MD  
**Room:** Manchester

<table>
<thead>
<tr>
<th>Time of Presentation</th>
<th>Title of Presentation</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 3:30 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>3:40 - 4:10 pm</td>
<td>MEXPRE study: challenges and solutions to conducting an international RCT</td>
<td>Jack Ludmir, MD</td>
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<tr>
<td>4:10 - 5:20 pm</td>
<td>Panel discussion: perspectives on a career in global health</td>
<td>Kelli Barbour, MD, Elizabeth Stringer, MD, MSc, and Michael Belfort, MD</td>
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### Hypertension
**Forum Leader:** Arun Jeyabalan, MD, MSCR  
**Room:** Monet Ballroom

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<tr>
<th>Time of Presentation</th>
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<tbody>
<tr>
<td>3:00 - 3:30 pm</td>
<td>Controversies in aspirin therapy for preeclampsia prevention</td>
<td>Katherine Himes, MD</td>
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<tr>
<td>3:30 - 4:00 pm</td>
<td>Statins for preeclampsia prevention: are we ready for clinical use?</td>
<td>Maged Constantine, MD</td>
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<tr>
<td>4:00 - 4:30 pm</td>
<td>Could better phenotyping of placental diseases lead to effective treatments of preeclampsia?</td>
<td>Jenny Myers, MD, PhD, MRCOG</td>
</tr>
<tr>
<td>4:30 - 5:00 pm</td>
<td>Current state of angiogenic factors in clinical care</td>
<td>Sarosh Rana, MD</td>
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### Infection and Inflammation in Pregnancy
**Forum Leader:** Jennifer L. Thompson, MD  
**Room:** Desoto B

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<th>Time of Presentation</th>
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<tr>
<td>3:00 - 3:40 pm</td>
<td>Contemporary management of intra-amniotic infection: More than terminology alone?</td>
<td>Neil Siverman, MD</td>
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<tr>
<td>3:40 - 4:20 pm</td>
<td>Hepatitis in pregnancy</td>
<td>Natali Aziz, MD, MS</td>
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<td>4:20 - 5:00 pm</td>
<td>TBD</td>
<td>Amy Murtha, MD</td>
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### Maternal-Fetal Surgery (Fetal Therapy)
**Forum Leader:** Stephen P. Emery, MD  
**Room:** Metropolitan Ballroom

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<th>Time of Presentation</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>3:00 - 3:30 pm</td>
<td>The Fetal therapy to-do list</td>
<td>Stephen Emery, MD</td>
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<tr>
<td>3:30 - 4:00 pm</td>
<td>Certification of Fetal Therapy Centers</td>
<td>Kenneth Moise, MD</td>
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<tr>
<td>4:00 - 4:30 pm</td>
<td>Innovation or research: Which one is it?</td>
<td>Francois Luks, MD</td>
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<td>4:30 - 5:00 pm</td>
<td>Fetal therapy and the FDA: A synergistic model for collaboration</td>
<td>Veronica Price, BSE</td>
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<tr>
<td>5:00 - 5:30 pm</td>
<td>Questions and answers</td>
<td>All</td>
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</table>
### Obesity in Pregnancy (Controversies in Managing the Obese Gravida: The Pros and Cons of Metformin and Weight Loss during Pregnancy)

**Forum Leader:** Stephanie Mann, MD  
**Room:** Topaz

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<th>Time of Presentation</th>
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<tbody>
<tr>
<td>3:00 - 3:10 pm</td>
<td>Welcome</td>
<td>Stephanie Mann, MD</td>
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<tr>
<td>3:15 - 3:45 pm</td>
<td>What is the world wide impact of maternal obesity on adverse perinatal outcomes?</td>
<td>Jordan Perlow, MD</td>
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</tbody>
</table>
| 3:55 - 4:40 pm       | Debate: Metformin for all obese Gravidas?  
  ● Pro: Metformin is the next baby aspirin?  
  ● Con: Metformin is not the answer! | Jane Norman, MD  
  Stephanie Mann, MD |
| 4:40 - 4:25 pm       | Debate: Do all obese women need to gain weight in pregnancy?  
  ● Pro: Obese women should gain weight  
  ● Con: Weight loss is an option for the morbidly obese gravida | Rebecca Clifton, PhD  
  Stephanie Mann, MD |
| 5:25 - 5:30 pm       | Wrap-up, election for next chair                                                     | All                                          |

### Obstetric Quality and Safety (Patient Safety and Quality: Focus on Implementation of Maternal Early Warning Systems-Tools)

**Forum Leader:** Larry Shields, MD  
**Room:** Sapphire

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<tr>
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<tbody>
<tr>
<td>3:00 - 3:10 pm</td>
<td>Introduction and goals</td>
<td>Larry Shields MD</td>
</tr>
<tr>
<td>3:10 - 3:30 pm</td>
<td>The Illinois Perinatal Quality Collaborative Maternal Hypertension Initiative - Lessons learned</td>
<td>Ann Borders, MD</td>
</tr>
<tr>
<td>3:30 - 3:50 pm</td>
<td>The Oklahoma Perinatal Collaborative Maternal Hemorrhage Project - Lessons to move state hemorrhage outcomes</td>
<td>Barbara O’Brien, MS, RN</td>
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<tr>
<td>3:50 - 4:10 pm</td>
<td>The CMQCC Safe Reduction of Cesarean Birth Collaborative - outcomes and lessons learned</td>
<td>Elliot Main, MD</td>
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<tr>
<td>4:10 - 4:30 pm</td>
<td>AIMing to reduce primary cesareans: The Maryland experience</td>
<td>Ann Burke, MD</td>
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<tr>
<td>4:30 - 5:00 pm</td>
<td>Questions and answers</td>
<td>All</td>
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<tr>
<td>5:00 - 5:15 pm</td>
<td>Recommendations, volunteers, and voting for the new forum leader for 2019-20</td>
<td>All</td>
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### Perinatal Epidemiology (Environmental Influences During Pregnancy)

**Forum Leader:** Katherine Grantz, MD, MS and David Hackney, MD, MS  
**Room:** Monte Carlo

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<tr>
<th>Time of Presentation</th>
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<tbody>
<tr>
<td>3:00 - 3:25 pm</td>
<td>Do early life environmental chemical exposures increase the risk of neonatal and childhood disease?</td>
<td>Joseph Braun, MSPH, PhD</td>
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<tr>
<td>3:25 - 3:40 pm</td>
<td>Environmental endocrine disruptors and the developmental origins of adult health and disease</td>
<td>Roger Newman, MD</td>
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<tr>
<td>3:40 - 4:05 pm</td>
<td>The National Institutes of Health Environmental Influences on Child Health (ECHO) program</td>
<td>Matt Gillman, MD</td>
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<tr>
<td>4:05 - 4:30 pm</td>
<td>ECHO…why should MFM’s care?</td>
<td>Ron Wapner, MD</td>
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<tr>
<td>4:30 - 5:00pm</td>
<td>Questions and answers</td>
<td>All</td>
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</table>
### Perinatal Mental Health
**Forum Leader:** Emily Miller, MD, MPH and Camille Hoffman, MD, MSCS  
**Room:** Senators Lecture Hall

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<th>Time of Presentation</th>
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<tr>
<td>3:00 - 3:10 pm</td>
<td>Introductions and launch of new Scientific Forum: Perinatal Mental Health (PMH)</td>
<td>Camille Hoffman, MD, MSCS</td>
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<td>Emily Miller, MD, MPH</td>
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<td>3:15 - 3:45 pm</td>
<td>Mechanisms of disease: HPA axis, ANS and perinatal mood and anxiety disorders</td>
<td>Camille Hoffman, MD, MSCS</td>
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<tr>
<td>3:45 - 3:55 pm</td>
<td>Discussion</td>
<td>All</td>
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<tr>
<td>3:55 - 4:25 pm</td>
<td>Collaborative care: A health systems approach to perinatal depression</td>
<td>Emily Miller, MD, MPH</td>
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<tr>
<td>4:25 - 4:35 pm</td>
<td>Discussion</td>
<td>All</td>
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<tr>
<td>4:35 - 5:05 pm</td>
<td>Pharmacokinetics/pharmacogenomics of SSRIs</td>
<td>Cate Stika, MD</td>
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<tr>
<td>5:05 - 5:15 pm</td>
<td>Discussion</td>
<td>All</td>
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<tr>
<td>5:15 - 5:30 pm</td>
<td>Wrap-up and planning for SMFM 2019 PMH Scientific Forum</td>
<td>All</td>
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### Placenta Accreta
**Forum Leader:** Alizera Shamshirsaz, MD and Daniel Carusi, MD  
**Room:** Cortez C-D

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<tr>
<th>Time of Presentation</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>3:00 - 3:15 pm</td>
<td>Accreta Research Consortium: Building an action plan</td>
<td>Daniela Carusi, MD, MSc</td>
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<tr>
<td>3:15 - 3:30 pm</td>
<td>Anesthesiology in placenta accreta</td>
<td>Michaela Farber, MD</td>
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<td>3:30 - 3:45 pm</td>
<td>Role of serum markers in placenta accreta</td>
<td>Deirdre Lyell, MD</td>
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<tr>
<td>3:45 - 4:00 pm</td>
<td>Placenta accreta and transfusion medicine</td>
<td>Shiu-Ki Hui, MD</td>
</tr>
<tr>
<td>4:00 - 4:15 pm</td>
<td>Randomized clinical trials in placenta accreta</td>
<td>Robert M Silver, MD</td>
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<tr>
<td>4:15 - 4:30 pm</td>
<td>Accreta online database update</td>
<td>Alireza A Shamshirsaz, MD</td>
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<tr>
<td>4:30 - 5:00 pm</td>
<td>Discussion</td>
<td>All</td>
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### Pregnancy as a Window to Future Health
**Forum Leader:** Elizabeth Langen, MD and Nicole Marshall, MD  
**Room:** Cortez Ballroom A

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<th>Time of Presentation</th>
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<tbody>
<tr>
<td>3:00 - 3:05 pm</td>
<td>Welcome and introduction</td>
<td>Nicole Marshall, MD and</td>
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<td></td>
<td>Elizabeth Langen, MD</td>
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<tr>
<td>3:05 - 3:45 pm</td>
<td>Maternal cardiovascular risk: understand it, identify it, and act on it</td>
<td>Melinda Davis, MD</td>
</tr>
<tr>
<td>3:45 - 4:30 pm</td>
<td>Peripartum mood disorders. What happens next?</td>
<td>Maria Muzik, MD</td>
</tr>
<tr>
<td>4:30 - 5:15 pm</td>
<td>Maternal pre-pregnancy metabolic condition; short and long-term effects on the offspring</td>
<td>Patrick Catalano, MD</td>
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<tr>
<td>5:15pm</td>
<td>Wrap-up and questions</td>
<td>All</td>
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</table>
### Prematurity (Putting Translational and Clinical Research to Work: New Ideas for the Prediction and Prevention of Preterm Birth)

**Forum Leader:** Tracy A. Manuck, MD, MSCI  
**Room:** Wedgewood Ballroom

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<tbody>
<tr>
<td>3:00 - 3:30 pm</td>
<td>A proteomics approach to preterm birth prediction</td>
<td>George Saade, MD</td>
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<tr>
<td>3:30 - 4:00 pm</td>
<td>Is the cervicovaginal microbiome a player in spontaneous preterm birth?</td>
<td>Michal Elovitz, MD</td>
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<tr>
<td>4:00 - 4:30 pm</td>
<td>Understanding disease by immune signature: T regulatory cell dysfunction in preterm birth</td>
<td>Jennifer Gilner, MD, PhD</td>
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<tr>
<td>4:30 - 5:00 pm</td>
<td>Clinical predictors of preterm birth</td>
<td>Hyagriv Simhan, MD</td>
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<td>5:00 - 5:30 pm</td>
<td>Where is the future of preterm birth prediction and prevention headed? Debate / panel discussion</td>
<td>All speakers</td>
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### Simulation in Pregnancy

**Forum Leader:** Jason Author Vaught, MD  
**Room:** Cortez Ballroom B

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<tr>
<td>3:00 - 3:20 pm</td>
<td>Genetic pearls in maternal-fetal medicine</td>
<td>John Jones, MD, PhD</td>
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<td></td>
<td>ABOG and simulation: an update of practice for testing and MOC</td>
<td>Andy Satin, MD</td>
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<td>Practical applications for how to set up MFM simulation at their centers</td>
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### Toxicology and Substance Abuse in Pregnancy

**Forum Leader:** Agatha Critchfield, MD  
**Room:** Miro

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<tbody>
<tr>
<td>3:00 - 3:15 pm</td>
<td>Welcome and introductions</td>
<td>Agatha Critchfield, MD</td>
</tr>
<tr>
<td>3:15 - 4:15 pm</td>
<td>Update in the treatment of opioid use disorder in the perinatal population – care in the modern epidemic</td>
<td>Hendree Jones, MD and Tricia Wright, MD</td>
</tr>
<tr>
<td>4:15 - 4:45 pm</td>
<td>It’s never that simple: Addressing polysubstance abuse</td>
<td>Tricia Wright, MD</td>
</tr>
<tr>
<td>4:45 - 5:15 pm</td>
<td>Establishing novel models of care for the perinatal substance abuse population: Two perspectives</td>
<td>Hendree Jones, PhD and Tricia Wright, MD</td>
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<tr>
<td>5:15 - 5:30 pm</td>
<td>Q and A, Closing</td>
<td>Agatha Critchfield, MD</td>
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### Ultrasound (What’s New in Neurosonography?)

**Forum Leader:** Anthony Odibo, MD, MSCE  
**Room:** Governors Lecture Hall

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<tbody>
<tr>
<td>3:00 - 3:05 pm</td>
<td>Introduction</td>
<td>Anthony Odibo, MD</td>
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<tr>
<td>3:05 - 3:45 pm</td>
<td>First-trimester screening and diagnosis of CNS abnormalities</td>
<td>Sarah Obican, MD</td>
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<tr>
<td>3:45 - 4:25 pm</td>
<td>Update on Ventriculomegaly, NTD, and Posterior fossa anomalies (Dandy Walker, Mega-cisterna magna and Blakes pouch)</td>
<td>Katherine Goetzinger, MD, MSCI</td>
</tr>
<tr>
<td>4:25 - 5:00 pm</td>
<td>Midline anomalies and others: Agenesis of Corpus Callosum, Holoprosencephaly; Microcephaly, and vascular abnormalities</td>
<td>Ashley Roman, MD, MPH</td>
</tr>
<tr>
<td>5:00 - 5:30 pm</td>
<td>Role of MRI in diagnosis and management of CNS anomalies</td>
<td>Anthony Odibo, MD, MSCE</td>
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1,947 ABSTRACTS RECEIVED | TOP 115 ABSTRACTS ACCEPTED FOR ORAL PRESENTATION

Oral Session I, Plenary (Abstracts 1-8) ......................February 1 from 8:00 - 10:00 am, Chantilly Ballroom

Concurrent Oral Sessions..........................................................February 1 from 1:15 - 4:00 pm
Session 1: Prematurity (Abstracts 9-19)..............................................Chantilly Ballroom East
Session 2: Basic Science 1 (Abstracts 20-30)..........................Chantilly Ballroom West
Session 3: RCTs (Abstracts 31-41).................................................Grand Ballroom D-E

Oral Session II, Fellows Plenary (Abstracts 42-49).February 2 from 8:00 - 10:00 am, Chantilly Ballroom

Concurrent Oral Sessions..........................................................February 2 from 1:15 - 4:00 pm
Session 4: Clinical OB and Quality & Safety (Abstracts 50-60)..................Grand Ballroom D-E
Session 5: Medical Complications (Abstracts 61-71)........................Chantilly Ballroom East
Session 6: Infectious Disease and Metabolism (Abstracts 72-82)...........Chantilly Ballroom West

Concurrent Oral Sessions..........................................................February 3 from 8:45 - 11:30 am
Session 7: Fetal Therapy and Genetics (Abstracts 83-93)......................Grand Ballroom D-E
Session 8: Clinical Obstetrics 2 (Abstracts 94-104)............................Cortez Ballroom
Session 9: Basic Science 2 (Abstracts 105-115)..............................Coronado Ballroom

Late Breaking Sessions ..........................................................February 1 and 2, Chantilly Ballroom
(Abstract LB01) .......................................................................February 1 from 10:00 - 10:15 am
(Abstracts LB02-04) .............................................................February 2 from 10:00 - 10:45 am

All Abstracts 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, handout, and the opportunity to hear some of the most respected names in MFM, discuss today’s “hot button” issues.

Thursday, February 1: 12:00 – 1:00 pm
A) Controversies in Gestational Diabetes - Vincenzo Berghella, MD (Senators Lecture Hall)
B) Twins and the Short Cervix: What to Do? - Joseph Biggio, MD (Governors Lecture Hall)
C) Controversies Over Late Preterm Steroids - Sean Blackwell, MD and Debra Guinn, MD (Cortez Ballroom A)
D) Implementing Patient Safety Bundles - Christian Pettker, MD; Peter Bernstein, MD; and Douglas Montgomery, MD (Cortez Ballroom B)
E) CDC-Zika Updates - Carey Eppes, MD (Cortez Ballroom C)

Friday February 2: 12:00 – 1:00 pm
H) The Future of PTB Research - Jane Norman, MD (Cortez Ballroom C)
I) Whole Exome Sequencing and Other Hot Genetic Topics - Ronald Wapner, MD (Cortez Ballroom D)
J) Preventing the Post-Cesarean Infections - Methodius Tuuli, MD (Senators Lecture Hall)
K) First Trimester Ultrasound for Fetal Malformation: A Debate (ABOG-SMFM Sponsored Roundtable) - Alfred Abuhamad, MD; Joanne Stone, MD, MS; Manisha Gandhi, MD; and Larry Platt, MD (Governors Lecture Hall)
L) Top Coding Mistakes and Tips in MFM Practice - Joshua Copel, MD and Fadi Bsbat, MD (De La Salle)

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.

Thursday, February 1: 12:00 – 1:00 pm
Coronado Ballroom A
Sage Therapeutics presents a learning lunch on the topic, “Postpartum depression: risk factors, screening, and approaches to clinical care.”

Friday February 2: 12:00 – 1:00 pm
Coronado B-C
Natera presents: Kim Martin, MD, FACOG, FACMG, speaking on “Aneuploidy to Zygosity: Clinical advantages of SNP-based screening for twins.”
UPCOMING EVENTS
For more information, visit www.smfm.org/events

MAY 10-11, 2018
Coding for Maternal-Fetal Medicine
Long Beach, CA

SEPTEMBER 5, 2018
Fetal Medicine (Genetics)
Chicago, IL

SEPTEMBER 6-7, 2018
Maternal Medicine
Chicago, IL

OCTOBER 5-7, 2018
Academy for Leadership and Development
Denver, CO

OCTOBER 18-19, 2018
Coding for Maternal-Fetal Medicine
Philadelphia, PA

OCTOBER 27-29, 2018
First Year Fellows Retreat (Invite only)
Chicago, IL

OCTOBER 2-5, 2018
Practice Management Annual Conference (previously called the AMFMM Annual Meeting)
Scottsdale, AZ
COMMERCIALLY SUPPORTED EVENTS AND SPONSORSHIPS

PRODUCT THEATRE
Thursday, February 1 from 11:00 – 11:30 am in the Exhibit Hall
“3D Imaging in the First Trimester,” presented by Dr. Harsha Shah, Clinical Research Fellow, Queen Charlotte’s and Chelsea Hospital

Sponsored by SAMSUNG

PHOTO BOOTH
Capture a memory at the Pregnancy Meeting! Visit the photo booth (booth 211) in the exhibit hall and take home a photo print out. Open during exhibit hours.

Sponsored by PartoSure

OPENING RECEPTION
Wednesday, January 31 from 6:00 – 8:00 pm in the Exhibit Hall
The official start of The Pregnancy Meeting and opening of the exhibit hall. Meet and mingle informally with drinks and lite hors d’oeuvres.

Sponsored by illumina

CHARGING LOUNGE
Trinity Exhibit Hall
Relax and recharge in the charging lounge.

Sponsored by amag
DAILY YOGA
(Class times vary, see pages 10-11)
First-timers and experts are welcome in twice daily yoga classes, led by Dr. Shilpa Babber.
Sponsored by

MEET-THE-FELLOWS RECEPTION
(invitation only)
Thursday, February 1 from 5:30 – 6:30 pm in the Wedgewood Ballroom
SMFM leadership and current MFM Fellows are invited to meet and mingle immediately following the Associate Members’ Meeting
Sponsored by

DIVERSITY TASK FORCE RECEPTION
Wednesday, January 31 from 5:30 – 7:00 pm in Grand Ballroom D
Connect with potential mentors, mentees and others interested in issues related to diversity within MFM.
Food and Beverage for this Event, Sponsored by

Washington Hill, MD
EXHIBITORS

TRINITY EXHIBIT HALL

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. To view a floor plan of the exhibit hall, download the Annual Meeting App.

3D Systems Booth 419
(Formerly Simbionix)
http://simbionix.com

3D Systems provides a complete solution for training simulation programs, committed to the advancement of clinical performance and optimization of procedural outcomes through education and collaboration.

ACOG Booth 224
https://www.acog.org/alcohol

The Fetal Alcohol Spectrum Disorder Prevention Program, which is part of the American College of Obstetricians and Gynecologists (ACOG). We will exhibit information on screening women of at risk alcohol use, as well as prevention of alcohol exposed pregnancies.

ACOG Long-Acting Reversible Contraception (LARC) Program
http://www.acog.org/About-ACOG/ACOG-Departments/Long-Acting-Reversible-Contraception

The Long-Acting Reversible Contraception (LARC) Program at the ACOG 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 214
www.advocatehealth.com

Advocate Children’s Hospital - Center for Fetal Care. Nationally recognized Center of Excellence for fetal therapy and neonatal care. 1st in Illinois, since 2011, to perform laser therapy for TTTS. Comprehensive multidisciplinary services from fetal diagnosis to newborn care, provided by Advocate Children’s Hospital neonatal and pediatric specialists. Offering fetal endoscopic and image guided procedures, including: Laser Ablation, RFA, bi-polar cord coagulation and shunt placements. Advanced expertise in open fetal surgery including in utero MMC repair and EXIT/ECMO procedures.

Applied Medical Booth 204
www.appliedmedical.com

Applied Medical is a new generation medical device company dedicated to providing breakthrough technologies that enhance patient outcomes. The Alexis® wound protector/retractor has been shown to reduce pain, post-op analgesics, blood loss, and SSI following C-sections. For more information, please visit booth #204.

AS Software, Inc. Booth 307
http://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 Booth 416
Medical Center
https://www.bayhealth.org/

Bayhealth’s mission is to strengthen the health of our community, one life at a time. As central and southern Delaware’s largest healthcare system, Bayhealth is comprised of Kent General and Milford Memorial hospitals, 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 3,600 employees.

Baylor Genetics
Booth 413
http://www.baylorgenetics.com
Baylor Genetics has been helping healthcare providers solve the most complex cases for over 35 years with our unmatched genetic talent, deep patient data sets and advanced technology.

Billings Clinic
Booth 409
http://www.billingsclinic.com
Billings Clinic is a multi-specialty, physician-led organization and a proud member of the Mayo Clinic Care Network. Located in the magnificent Rocky Mountains in Billings, Montana, this friendly college community has great schools, safe neighborhoods and family activities. Exciting outdoor recreation minutes from home. 300 days of sunshine!

Boulder Abortion Clinic, PC
Booth 406
http://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 149
http://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 309
http://www.chop.edu/centers-programs/center-fetal-diagnosis-and-treatment
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.
Children’s Hospital of Wisconsin  Booth 312
http://chw.org/fetalconcernscenter
The Fetal Concerns Center at Children’s Hospital of Wisconsin provides a comprehensive team approach when caring for women and their fetuses. 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 to deliver high-quality, comprehensive fetal care.

Children’s National  Booth 151
Fetal Medicine Institute
www.childrensnational.org/fetal
The Fetal Medicine Institute at Children’s National Health System offers unparalleled care for unborn babies with known or suspected medical conditions. The Institute is one of the only pediatric centers in the nation that combines fetal MRI and ultrasound to provide comprehensive fetal imaging and advanced fetal brain analysis. Our team of experts from 19 pediatric specialties partners with referring MFMs and OBs to develop personalized care and delivery plans for each patient and her family.

CHRISTUS Trinity Mother Frances Health System
http://www.tmfhc.org
CHRISTUS Mother Frances Hospital in Tyler, TX is seeking a Maternal-Fetal Medicine physician to be at the forefront of a newly established service line in East Texas. CHRISTUS Mother Frances Hospital Tyler is a seven-time recipient of the Truven Top 100 Hospital designation and includes CHRISTUS Trinity Clinic, the area’s preferred multispecialty medical group. CHRISTUS Trinity Clinic encompasses more than 600 Physicians and Advanced Practice Providers representing 41 specialties in 82 locations.

Cincinnati Fetal Center  Booth 311
www.cincinnatichildrens.org
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).

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER
Clinical Innovations  Booth 109
www.clinicalinnovations.com
Since its 1993 inception, Clinical Innovations (CI) 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, CI has introduced traxi® Panniculus Retractor, ROM Plus® Fetal Membranes Rupture Test, and eebb® Complete Tamponade System. CI recently entered the neonatal clinical area with the babyLance™ safety heelstick, adding to a portfolio of innovative products developed “forMOM, forBABY, forLIFE.™”

Colorado Fetal Care Center
http://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.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER
CombiMatrix  Booth 427
www.combimatrix.com
CombiMatrix employs the latest in technological advancements (SNP microarray), to provide in-depth answers to complex health questions in Preimplantation Genetic Screening, prenatal diagnosis, miscarriage analysis, and pediatric developmental disorders.

Community Health Network  Booth 162
http://www.ecommunity.com
Ranked among the nation’s most integrated healthcare systems, Indianapolis-based Community Health Network is Central Indiana’s leader. As a non-profit health system with more than 200 sites of care and affiliates throughout Central Indiana, Community’s full continuum of care integrates hundreds of physicians, specialty and acute care hospitals, surgery centers, home care services, MedChecks, behavioral health and employer health services. We had 7,899 births in our hospitals last year!

Cook Medical  Booth 410
www.cookmedical.com
Cook Medical Reproductive Health provides physicians with a comprehensive offering of medical devices for the reproductive system. Cook Medical is committed to education, research, and
cooperation with physicians to enhance patient care for women and men throughout their reproductive lives, from diagnosis to post-delivery. For more information, please visit www.coxhealth.com

CooperSurgical  Booth 133
www.coopersurgical.com

Since our founding in 1990, CooperSurgical has researched, developed and manufactured a wide range of trusted brands that have advanced the standard of care for families. Our diversified portfolio of products and services focuses on women’s health, fertility and diagnostics. Come visit us at booth #133 to interact with our industry leading solutions and experience why CooperSurgical is at the forefront of women’s health care.

Counsyl  Booth 139
http://counsyl.com

Counsyl is a DNA testing and genetic counseling company. We’re committed to helping patients understand their DNA and how it can inform important health decisions. Whether it’s starting a family or evaluating risk for cancer, Counsyl’s DNA tests provide patients with early awareness about genetic conditions, so they can live informed and prepare for the future. Counsyl has screened more than 750,000 patients and served more than 10,000 healthcare professionals. For more information, visit www.counsyl.com.

Dornier MedTech  Booth 414
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.

Elsevier  Booth 118
www.elsevierhealth.com

Elsevier is a global information analytics company that helps institutions and professionals progress science, advance healthcare and improve performance for the benefit of humanity.

Envision Physician Services  Booth 138
www.envisionphysicianservices.com

Envision Physician Services is one of the nation’s leading women’s and children’s services providers. With more than 170 contracts in 20 states, we are the second-largest neonatology group. We invest in our clinicians, providing them with the tools, resources and technologies they need to deliver high-quality patient care, including quality and performance reporting, operational support and risk management resources. With clients across the country, Envision Physician Services is built for your career.

Eurofins NTD, Inc.  Booth 207
http://ntd-eurofins.com

Eurofins NTD has pioneered the research and development of prenatal screening protocols for open neural tube defects, Down syndrome, trisomy 18 and trisomy 13 and early onset preeclampsia. Today, Eurofins NTD serves universities, medical centers, hospitals, laboratories, obstetricians and maternal fetal medicine specialists worldwide; providing risk assessment services that help health care professionals and patients make more informed medical decisions.

Digisonics  Booth 125
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.

Ferring Pharmaceuticals, Inc.  Booth 221
www.ferringusa.com

Ferring Pharmaceuticals Inc. is a research-driven biopharmaceutical company devoted to identifying, developing, and marketing innovative products in the fields of obstetrics, reproductive health, osteoarthritis, gastroenterology, and urology. To view all of our US offerings, please visit ferringusa.com.
The Fetal Care Center, Booth 223
BarnesJewish Hospital,
St. Louis Children’s Hospital,
Washington University Physicians
http://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 personal caring
atmosphere to parents and their
neonate. 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
and other fetal conditions.

ANNUAL MEETING SPONSOR
The Fetal Center at Booth 300
Children’s Memorial
Hermann Hospital
http://childrens.memorial
hermann.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.

Fetal Center at Booth 304
Vanderbilt-Monroe
Carell Jr. Children’s Hospital-
Vanderbilt University
www.childrenshospital.vanderbilt.org
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 Booth 141
Foundation USA
http://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.

ANNUAL MEETING SPONSOR AND
FOUNDATION FOR SMFM
CORPORATE COUNCIL MEMBER
GE Healthcare Booth 124
http://www.gehealthcare.com
GE Healthcare provides
transformational medical
technologies and services to
meet the demand for increased
access, enhanced quality and
more affordable healthcare
around the world. GE (NYSE: GE)
works on things that matter - great
people and technologies taking on
tough challenges. From medical
imaging, software & IT, patient
monitoring and diagnostics to drug
discovery, biopharmaceutical
manufacturing technologies
and performance improvement
solutions, GE Healthcare helps
medical professionals deliver
great healthcare to their patients.

GenPath Women’s Health, (BioReference
Laboratories)
www.genpathdiagnostics.com
GenPath Women’s Health specializes
in the diagnostic needs of MFM
and Ob-Gyn including prenatal/
maternal risk assessment, carrier
testing, prenatal diagnosis, pregnancy
thrombophilia and infectious diseases.
GenPath Women’s Health is a business
unit of BioReference Laboratories,
Inc., an OPKO Health company.
GenPath partners with GeneDx, which
is also a subsidiary of BioReference
Laboratories, and an established
leader in genetic testing for rare
com for more information.

Gundersen Health System
http://www.gundersenhealth.org/careers
Gundersen Health System is a
physician-led, multi-specialty, not-for
profit healthcare system in La Crosse,
WI. We are a teaching hospital with
325 beds and a Level II Trauma and
Emergency Center. We also have a
Level III NICU and are the designated
Western Academic Campus for the
University of Wisconsin School of
Medicine & Public Health.

Hayes Locums Booth 131
www.hayeslocums.com
Hayes Locums provides physician
search services, both temporary and
permanent placement, to healthcare
institutions across the United States.
We work with more than 35 physician
specialties and have a network of
physicians who are interested in
short and long-term locum tenens
assignments, as well as permanent
placement. Hayes Locums was
founded on the need to improve
healthcare consulting services to the
physician and healthcare communities.
We pride ourselves on providing these
services with the utmost integrity.

HCA Booth 147
www.practicewithus.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.
More Poster Presentations Than Ever!

Location: Trinity Exhibit Hall

Thursday, 10:45 am - 12:00 pm, Poster Session I (Abstracts 116-295)
Thursday, 4:00 - 5:30 pm, Poster Session II (Abstracts 296-475)
Friday, 10:45 am - 12:00 pm, Poster Session III (Abstracts 476-655)
Friday, 4:00 - 5:30 pm, Poster Session IV (Abstracts 656-835)
Saturday, 11:30 - 1:00 PM, Poster Session V (Abstracts 836 - 1015)

Abstracts can be found in the January supplement of AJOG
Hologic Booth 101
www.hologic.com

We are dedicated to the science of early detection and intervention. Our products and technology support healthcare professionals who make critical decisions that affect patients’ lives and health. As leaders in women’s health, we know perinatal care is critical for a mother and her baby. Our fetal fibronectin (fFN) test assesses a mother’s risk for preterm delivery. With this test, patients know more about their risk, and healthcare providers can plan for the unexpected.

Inova Health System Booth 404
https://www.inova.org

Inova Health System is currently recruiting for a full-time maternal-fetal medicine physician and specialized obstetricians.

Integrated Genetics Booth 115
www.integratedgenetics.com

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 146
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.

Mayo Clinic Booth 321
www.mayoclinic.org

The Mayo Clinic Division of Maternal Fetal Medicine provides evaluation and treatment of complex maternal and fetal conditions. Our Fetal Diagnostic and Therapeutic Center provides care for families with 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.

LocumTenens.com Booth 426
https://www.locumtenens.com

Founded in 1995, LocumTenens.com is a full-service staffing agency serving physicians and advanced practice professionals in all healthcare settings. LocumTenens.com also operates the largest internet job board for the industry with access to thousands of jobs posted directly by facilities and agencies nationwide. LocumTenens.com is part of the Jackson Healthcare family of companies.

Lupin Pharmaceuticals Booth 108
www.lupinpharmaceuticals.com

Lupin Pharmaceuticals, Inc. (Lupin), a specialty pharmaceutical company, is building on its commitment to women’s health by focusing and supporting the management of postpartum hemorrhage. Lupin supports Methergine (methylergonovine maleate) Oral Tablets indicated for routine management of uterine atony, hemorrhage and subinvolution of the uterus following delivery of the placenta, and for control of uterine hemorrhage in the second stage of labor following delivery of the anterior shoulder. Lupin is excited to support SMFM.

LocumTenens.com Booth 415
http://www.medinvent.net

To prevent third/fourth degree tears, a 60-degree episiotomy cutting angle is endorsed by the Royal College (UK), ACOG, and Canadian SOGC. MEDINVENT Ltd. presents EPISCISSORS-60, patented medio-lateral episiotomy scissors designed to cut at
60 degrees at crowning. They have been shown to reduce third/fourth degree tears by 20-50% compared to episiotomies with normal scissors and deliveries without episiotomy. They are CE/FDA registered, and being used in 60% of England’s hospitals, and widely in Europe.

Mercy Booth 401
www.mercy.net
Mercy is the seventh largest Catholic health care system in the U.S. and serves millions annually. Mercy includes 46 acute care and specialty hospitals, more than 700 physician practices and outpatient facilities, 40,000 co-workers and more than 2,000 Mercy Clinic physicians in Arkansas, Kansas, Missouri and Oklahoma. We focus on clinical 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 423
http://mwfetalcare@allina.com
The Midwest Fetal Care Center provides maternal fetal care when a high-risk pregnancy poses challenges. As the only 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.

MotherToBaby Booth 158
Pregnancy Studies conducted by OTIS
http://mothertobaby.org
MotherToBaby, a service of the non-profit Organization of Teratology Information Specialists (OTIS), is dedicated to providing evidence-based information to mothers, health care professionals, and the general public about medications and other exposures during pregnancy and while breastfeeding. MotherToBaby Pregnancy Studies conducted by OTIS is currently evaluating the effects to the fetus from various diseases and the safety of medications used to treat them during pregnancy. Please go to mothertobaby.org.

Nanosonics Booth 316
http://www.nanosonics.us
Nanosonics is a global innovator in infection prevention. Its unique, automated trophon® EPR high level disinfection device is paving the way around the world in setting a new standard of care in ultrasound probe disinfection practices. Trophon effectively addresses a range of issues associated with traditional methods and offers a breakthrough solution across three core areas: Safety, Versatility, and Simplicity. To find out more please visit www.nanosonics.us or meet us at Nanosonics booth.

MEMBERSHIP INFORMATION STATION
Outside the Exhibit Hall (Trinity)
Connect with Staff from SMFM and the Foundation
Join or Renew Your SMFM Membership
Learn About Your Member Benefits
Hear About the Grants and Awards Offered by the Foundation
Donate to the Foundation
Natera is driven by a passion for elevating the science of reproductive testing. We offer highly accurate solutions for noninvasive prenatal testing (NiPT), genetic-carrier screening, preimplantation genetic testing (PGD/PGS), and miscarriage testing.

National Association of Nurse Practitioners in Women’s Health (NPWH)
http://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 Hospital
www.nyp.org
NewYork-Presbyterian Hospital/ Columbia University Medical Center and Cornell Medical Center will be exhibiting our MFM programs.

Norton Children’s Maternal-Fetal Medicine, a part of Norton Children’s Hospital
www.nortonhealthcare.com
Norton Children’s Hospital Maternal-Fetal Medicine Specialists provides services at Norton Hospital and Norton Women’s & Children’s Hospital in Louisville, Kentucky. Both locations have convenient access.

Ob Hospitalist Group
http://obhg.com
For over a decade, Ob Hospitalist Group (OBHG) has led the nation in elevating the quality and safety of women’s healthcare by providing 24/7 Board Certified physicians who deliver real-time triage and hospital-based obstetric coverage to ensure consistent, timely care for patients as well as affordable, non-competitive support for local OB/GYN physicians. Headquartered in Greenville, SC, OBHG’s national network includes more than 600 dedicated OB clinicians in more than 115 partner hospitals across 28 states. Learn more at www.OBHG.com.

Obstrix Medical Group
www.obstrix.com
Obstrix Medical Group is a national physician group practice of maternal-fetal medicine specialists. Founded in 1997, these practices are committed to caring for high-risk pregnant women and the most fragile members of our community: premature or critically-ill newborns and children. These groups, including access to a large volume of complicated pregnancies, diverse geographical spread, and ties between obstetric and neonatal practitioners, provide an unparalleled opportunity to conduct clinical research to research to advance evidence-based care.

OSF Saint Francis Medical Center is licensed for 616 beds and with a medical staff of more than 800 physicians, is the fourth largest medical center in the state of Illinois and serves 17 counties. The Children’s Hospital of Illinois is the primary pediatric teaching facility for the University of Illinois College of Medicine at Peoria and is a 132-bed facility that offers over 50 pediatric programs and services.
ANNUAL MEETING SPONSOR
Parsagen Diagnostics, Inc.
www.partosure.com

Parsagen Diagnostics, Inc. is the manufacturer of PartoSure™, a novel bedside test to aid in the assessment of preterm delivery in patients with symptoms of preterm labor. Based on the detection of PAMG-1, PartoSure has been shown in published studies to have a higher positive predictive value compared to current methods, while maintaining an equally high negative predictive value. The PartoSure test is CE marked and is not currently approved for sale in the United States.

Penn State Health Booth 217
http://hmc.pennstatehealth.org

Penn State Health is a multi-hospital health system serving patients and communities across central Pennsylvania. The system includes Penn State Health St. Joseph Medical Center in Reading, Pa., Penn State Health Milton S. Hershey Medical Center, Penn State Children’s Hospital, Penn State Cancer Institute, and Penn State Health Rehabilitation Hospital (jointly owned), based in Hershey, Pa., as well as more than 1,300 physicians and direct care providers at 78 medical office locations.

Perinatal Quality Foundation Booth 208
http://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.

Physicians for Reproductive Health Booth 320
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 Booth 424
http://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.

Reproductive Scientist Development Program (RSDP)
http://rsdp.wustl.edu

The Reproductive Scientists Development Program (RSDP) was established in 1988 to train obstetrician-gynecologists committed to academic investigative careers in fundamental biomedical science. With support from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) in collaboration with private agencies, professional societies, foundations, and private industry, the RSDP provides career development support for obstetricians and gynecologists who are committed to a basic science career in academic medicine and research.

QIAGEN INC. Booth 213
www.qiagen.com

QIAGEN is the leading global provider of Sample to Insight solutions to transform biological materials into valuable molecular insights. QIAGEN’s commitment to women’s health is evident through a comprehensive portfolio of tests. The AmniSure ROM (Rupture Of [fetal] Membranes) Test is a rapid, non-instrumented, qualitative test for the in vitro detection of amniotic fluid in vaginal discharge of pregnant women. AmniSure is 99% accurate in aiding diagnosis of PROM when included in the overall clinical assessment.

At Progenity, we partner with clinicians to offer advanced diagnostic tests that help patients and their families Prepare for Life. Our specialized testing services include: Genetic Carrier Screening, Non-Invasive Prenatal Testing, and other Women’s Health tests. Visit us at SMFM Booth #105 or at progenity.com.
We believe it’s urgent to deliver medical solutions right now – even as we develop innovations for the future. We are passionate about transforming patients’ lives. We are courageous in both decision and action. And we believe that good business means a better world. That is why we come to work each day. We commit ourselves to scientific rigour, unassailable ethics, and access to medical innovations for all. We do this today to build a better tomorrow. We are proud of who we are, what we do, and how we do it.

We are many, working as one across functions, across companies, and across the world. We are Roche.

Safe Obstetric Systems Inc.
http://www.safeob.com

Safe Obstetric Systems is the developer of Fetal Pillow®. The device was released into the UK market in May 2011 and is now being used in 20 countries worldwide. Fetal Pillow® is a balloon device designed to elevate a deeply impacted fetal head a traumatically out of the pelvis during a cesarean section, making the delivery safer, easier and less traumatic for the mother and baby. The device has recently received FDA clearance.

Sage Therapeutics
https://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.

Sonultra Corporation
http://sonultracorp.com

Sonultra Corporation’s patented technologies can help grow and manage your practice. Solutions for mobile and satellite expansion, web access to reporting and imaging, PACS, HIS/RIS/EMR integration continue to enhance the 25+ years of solutions we have provided to hospitals, private practices and your colleagues. Come see our latest offerings.

SSM Health St. Louis
Fetal Care Institute
www.stlouisfetalcare.com

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.

Sera Prognostics
www.seraprognostics.com

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
http://southwesternwomens.com

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.
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 Booth 318
Children’s Health
www.fetalhealth.stanfordchildrens.org

The Fetal and Pregnancy Health Program at Stanford Children’s Health provides comprehensive, coordinated care for complex fetal diagnoses and pregnancies. We provide a full range of prenatal diagnostic modalities, consultation, and fetal-maternal therapy, combining expertise from specialists in maternal–fetal medicine, neonatology, perinatal genetics, pediatric radiology, surgery, cardiology and other pediatric subspecialists.

Texas Children’s Pavilion for Women-Fetal Center
www.texaschildrens.org

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.

Taylor & Francis Booth 403
http://taylorandfrancisgroup.com

Taylor & Francis Group partners with researchers, scholarly societies, universities and libraries worldwide to bring knowledge to life. As one of the world’s leading publishers of scholarly journals, books, ebooks and reference works our content spans all areas of Humanities, Social Sciences, Behavioural Sciences, Science, and Technology and Medicine. Website: http://taylorandfrancisgroup.com

Trice Imaging, Inc. Booth 112
www.triceimaging.com

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.

Taylor & Francis
Booth 403
http://taylorandfrancisgroup.com

Taylor & Francis Group partners with researchers, scholarly societies, universities and libraries worldwide to bring knowledge to life. As one of the world’s leading publishers of scholarly journals, books, ebooks and reference works our content spans all areas of Humanities, Social Sciences, Behavioural Sciences, Science, and Technology and Medicine. Website: http://taylorandfrancisgroup.com

Texas Children’s Pavilion for Women-Fetal Center
www.texaschildrens.org

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.

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www.triceimaging.com

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.

UCB, Inc. Booth 220

At UCB, everything we do starts with a simple question: “How will this make a difference to the lives of people living with severe diseases?” We have a passionate, long-term commitment to discovering and developing innovative medicines that transform the lives of people living with severe diseases of the immune system and the central nervous system.

free! webinar series for members
look for additional details via email

March: Contracting for Maternal-Fetal Medicine Services with Mario Gonzalez of Mednax Health Care Solutions

Coding Course for Maternal-Fetal Medicine
May 10-11, 2018 in Long Beach, CA

Practice Management Annual Conference
Previously called the AMFMM Annual Business Meeting
October 2-5, 2018 in Scottsdale, AZ
UCSF Fetal Treatment Center  Booth 322
http://fetals.ucsf.edu
The UCSF Fetal Treatment Center is a world leader in diagnosing and treating birth defects before delivery. We offer comprehensive, family-centered care in one location, from diagnosis and prenatal management through postnatal care, including long-term pediatric follow-up. Our patients have access to an experienced, multidisciplinary team which includes specialists from perinatology, neonatology, surgery, radiology, cardiology, neurology, genetics, social work and nursing. The Fetal Treatment Center is part of UCSF Benioff Children’s Hospital San Francisco.

UnityPoint Health  Booth 148
http://www.practicewithunitypoint.org
St. Luke’s Hospital, in Eastern Iowa, is looking for an ambitious BC/BE maternal-fetal medicine physician to help build a perinatology program as part of UnityPoint Health in eastern Iowa. St. Luke’s hosts one of the best level III NICUs worldwide, consistently among the best quartile worldwide, taking care of neonates 23 weeks gestation and up. The program can be molded from the ground up by an entrepreneurial physician.

University of Maryland  Booth 400
Medical Center – Center for Advanced Fetal Care
http://umm.edu/fetalcare
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! University of Maryland, Accelerating Innovation and Discovery in Medicine.

University of Southern California  Booth 302
www.lafetaltherapy.org
Los Angeles Fetal Surgery - The University of Southern California (USC) and Children’s Hospital Los Angeles (CHLA) have worked collaboratively with Huntington Memorial Hospital 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.

Vision Chips, Inc.  Booth 323
www.visionchips.com
Vision Chips, Inc. introduced the first truly polished OB/GYN Reporting System over 20 years ago and continues its history of innovation with the remarkable OBSERVER 7™ Ultrasound Information System. OBSERVER 7™ is a reflection of our commitment to quality, reliability, flexibility, and ease of use. An outstanding product backed by unsurpassed support. OBSERVER 7™ exemplifies professionalism in software design and engineering.

Wolters Kluwer  Booth 100
http://lww.com
Sale of medical books.

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When it comes to NIPT screening, knowing means finding clear answers that you and your patients can feel confident about. The Harmony® Prenatal Test offers a less than 0.1% combined false positive rate* and is validated for the general pregnancy population—including average risk.

When you offer Harmony as the first-line NIPT for all of your pregnant patients, you’re providing more than an accurate risk assessment. You’re giving them the peace of knowing.

Harmony. Clear answers to questions that matter.

*The combined false positive rate is for trisomies 21, 18 and 13.

1Stokowski R. et al. (2015). Prenatal Diagnosis: Clinical performance of non-invasive prenatal testing (NIPT) using targeted cell-free DNA analysis in maternal plasma with microarrays or next generation sequencing (NGS) is consistent across multiple controlled clinical studies.
FUTURE PREGNANCY MEETING™ SITES

39th Annual Meeting
The Pregnancy Meeting™
February 11 – February 16, 2019
Caesars Palace – Las Vegas, NV

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