THE PREGNANCY MEETING™

40TH ANNUAL MEETING

40 YEARS OF ADVANCING PREGNANCY RESEARCH

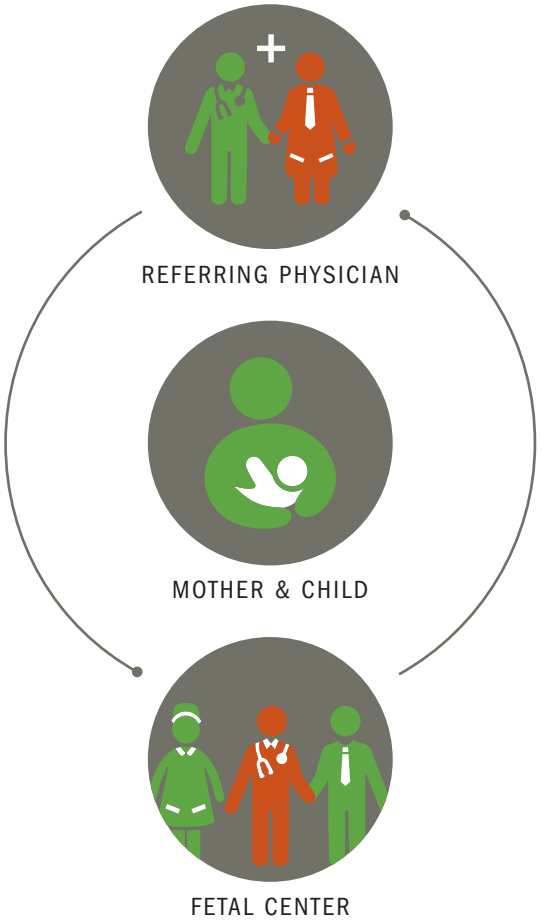
Society for Maternal•Fetal Medicine

High-risk pregnancy experts

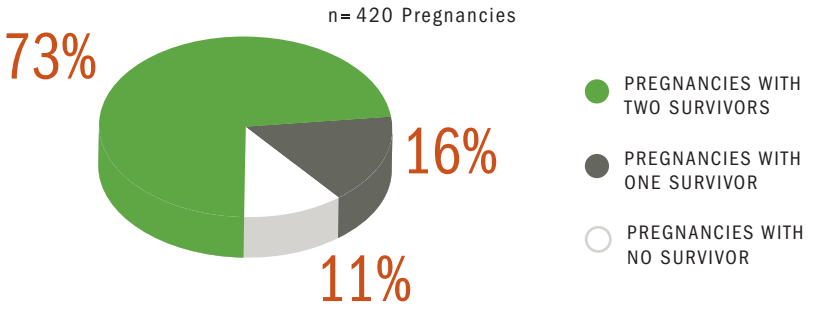
February 3-8, 2020 • Gaylord Texan Resort • Grapevine, Texas

EXPERIENCE COLLABORATION EXPERTISE

An internationally recognized team with the experience and expertise to provide the highest level of care possible to our patients.
The evidence is in our outcomes.



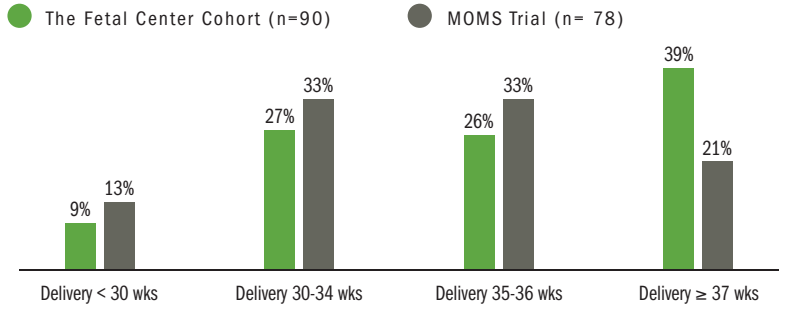
TTTS SURVIVAL RATE AT 30 DAYS POST DELIVERY



30-Day Post-Delivery Survival Rate by TTTS Stage

TTTS Stage	Cases (percent of total cases*)	Percent of Pregnancies with Two Survivors	Percent of Pregnancies with One Survivor	Percent of Pregnancies with No Survivor
Stage I	51 (12%)	86%	10%	4%
Stage II	128 (30%)	76%	11%	13%
Stage III	222 (53%)	69%	20%	11%
Stage IV	19 (5%)	73%	16%	11%

FETAL SURGERY FOR SPINA BIFIDA REPAIR
Gestational Age At Delivery



Fetal Surgery for Spina Bifida Repair – Summary

	The Fetal Center Cohort (n=90)	MOMS Trial: Fetal Surgery (n=78)	MOMS Trial: Postnatal Surgery (n=80)
Gestational age at Surgery	25.07 ± .5	23.6 ± 1.4	n/a
Gestational age at Delivery	34.88 ± 3.2	34.1 ± 3.1	37.3 ± 1.1
Perinatal/Neonatal Demise	4 (4%)	2 (3%)	2 (2%)
VP Shunt at One Year	31 / 70 (44%)	31 (40%)	66 (82%)

childrens.memorialhermann.org/the-fetal-center

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55 fetal bladder shunts for lower urinary tract obstructions

635 fetal laser procedures for twin-twin transfusion syndrome

24 fetal cardiac interventions

OVER 20,350 fetal echocardiograms

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40TH

ANNUAL MEETING

40 YEARS OF ADVANCING PREGNANCY RESEARCH

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DEAR ANNUAL MEETING PARTICIPANT:

Welcome to the 40th Annual Meeting of the SMFM. We are excited that you are here in Texas for this historic event. Whether it is your first meeting or you are a seasoned attendee, we are confident that you will enjoy the 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 our volunteer Program Committee, chaired by Alison Cahill, MD. The Committee has diligently selected and vetted the highest quality and most significant research, which will continue to give this meeting the reputation it has rightfully earned as the premier event for presenting and learning about cutting-edge science in obstetrics.

We have several new offerings available at this year's meeting. First and most significant is the celebration of the 40th anniversary of the meeting on Thursday evening. We will roll out the red carpet and premier the trailer for a movie about the history of the Annual Meeting. We'll also celebrate the accomplishments of the Foundation for SMFM and honor Dr. Mary D'Alton. Proceeds from the event will help the Foundation reach its goal of $8 million in endowed funds by the end of 2020. If you have not already purchased your ticket for the event, you may do so online until Wednesday evening at bit.ly/MaryD2020.

Our Society is continuing to focus on promoting healthcare equity and has created a new Special Topic Forum on Implicit Bias (Wednesday at 3:00 pm). This new Forum is geared to the entire SMFM membership and will provide attendees with tangible skills and tools to: 1) cultivate a diverse and inclusive workplace environment; 2) provide culturally competent care; and 3) mitigate implicit bias.

SMFM's advocacy efforts – particularly on maternal mortality – have continued to escalate. Building on these efforts and the SMFM Maternal Mortality Scorecard, there will be a Rally to Prevent Maternal Mortality on Tuesday at 12:15 pm. All are welcome to attend. Bring your white coat or scrubs to the center prefunction area near meeting registration. It will be a great opportunity to get engaged and show your support for this important work.

Last, but certainly not least, we are proud to launch our expanded wellness program, SMFM Thrive. At this year's meeting, SMFM Thrive will offer daily yoga, a new steps challenge, an exercise "bootcamp," a 5K race benefiting the Foundation for SMFM, and a new Scientific Forum, "Burnout and Wellness" (Wednesday at 3:00 pm). A dedicated app will track your participation in SMFM Thrive throughout the meeting with special prizes for our top participants. Search "SMFM Thrive Challenge" in your preferred app store to get started or visit the help desk located near registration.

Thank you for taking time out of your busy schedule to be here. We hope you take advantage of the programs highlighting the science, advocacy, and history of our Society and members, as well as the long record we have in improving pregnancy-related care. We look forward to connecting with you while we are together in Grapevine. In addition, we would like to say thank you to our membership, volunteer leaders, supporting entities, and dedicated SMFM staff for all you do in helping us reach our goals for members and patients.

Brian Iriye, MD
President

Matt Granato, LLM, MBA
Chief Executive Officer

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Mary D'Alton, MD, Foundation for SMFM
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PAST PRESIDENTS

William Spellacy, MD - 1977
Roy Pitkin, MD - 1978
James O'Leary, MD - 1979
Donald Sherline, MD - 1980
Loren Petersen, MD - 1981
Bruce Work, MD - 1982
Robert Hayashi, MD - 1983
Roy Petrie, MD - 1984
John Morrison, MD - 1985
Amelia Cruz, MD - 1986
Steven Gabbe, MD - 1987
Robert Sokol, MD - 1988
Richard Paul, MD - 1989
Frank Miller, MD - 1990
Thomas Garite, MD - 1991
Garland Anderson, MD - 1992
Larry Gilstrap, III, MD - 1993
Valerie Parisi, MD - 1994
Gary D.V. Hankins, MD - 1995
Donald Coustan, MD - 1996
Steven Clark, MD - 1997
Mary E. D'Alton, MD - 1998
Peter VanDorsten, MD - 1999
Michael Socol, MD - 2000
James Martin, Jr., MD - 2001
Haywood Brown, MD - 2002
Jay D. Iams, MD - 2003
James Ferguson, MD - 2004
Michael Nageotte, MD - 2005
Roger Newman, MD - 2006
Katherine Wenstrom, MD - 2007
Michael Foley, MD - 2008
Sarah Kilpatrick, MD, PhD - 2009
Joshua Copel, MD - 2010
George Saade, MD - 2011
M. Kathryn Menard, MD - 2012
Brian Mercer, MD - 2013
Vincenzo Berghella, MD - 2014
Laura Riley, MD - 2015
Mary Norton, MD - 2016
Alfred Abuhamad, MD - 2017
Sean Blackwell, MD - 2018

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MESSAGE FROM THE PROGRAM COMMITTEE CHAIR

DEAR FRIENDS AND COLLEAGUES,

On behalf of the Program Committee, I am delighted to welcome you to the 40th Annual Meeting of the Society for Maternal-Fetal Medicine. This meeting has become one of the most exciting forums to discover the latest areas of research in the field of maternal-fetal medicine and to advance our understanding of the specialty. I'm confident that this year's meeting will support the mission of the Society by providing education and promoting research to optimize the health of high-risk pregnant women and their babies.

Postgraduate Courses and Scientific Forums

Postgraduate courses will be held on Monday, Tuesday, and Wednesday and include 16 courses plus additional educational sessions. The courses include a wide range of topics and offer up to 76 credits of CME.

This year, we have new and innovative offerings in short presentation/high yield topics in patient management. These courses will cover a wide array of conditions in a short, focused presentation style.

As the Society has grown, we continue to partner with other international organizations to develop cutting-edge courses. In ultrasound, we are excited to have a joint SMFM/ISUOG course. In preterm birth, SMFM has joined with FIGO to bring a state-of-the-art lecture focused on global efforts in reduction of preterm birth. We will also focus on hands-on training through simulation-based courses for smaller and more interactive group learning through multiple offerings in ultrasound guided invasive procedures and critical care simulation.

A total of 20 Scientific Forums will be held on Wednesday afternoon, including a new special topic forum on implicit bias designed to provide tangible skills and tools to cultivate a diverse and inclusive workplace. There is no cost to attend these sessions and they provide an excellent opportunity to hear and participate in cutting-edge discussions and to network with others who share your interests.

Oral and Poster Presentations

Oral and poster presentations will be held on Thursday, Friday and Saturday. On behalf of the entire Annual Meeting Program Committee, I want to thank those of you who submitted abstracts. The top 100 abstracts were accepted for oral presentations and 1,126 were accepted for poster presentations. These are more poster presentations than ever before! All of the abstracts can be found in the January supplement of *AJOG*. We are also happy to present four late-breaking abstracts this year.

In response to the increasing number of abstract submissions, the Program Committee is recruiting additional abstract reviewers for the 2021 Annual Meeting.

Visit SMFM.org/reviewers

Abstract Review Process

Each abstract submitted underwent a rigorous review process, including blinded reviews and scoring by general reviewers and for the top scoring abstracts from general review, additional blinded peer reviews were performed by senior reviewers. The Program Committee used the scoring from the general and senior reviewers to determine the various oral and poster sessions. The late-breaking abstract submissions also underwent blinded peer reviews. Many thanks to the reviewers who devoted their time to ensure a fair and unbiased assessment of the abstracts. In response to the increasing number of abstract submissions, the Program Committee will again be recruiting additional abstract reviewers for the 2021 Annual Meeting. Visit SMFM.org/reviewers to learn more about what is required of a general abstract reviewer and consider applying.

Awards will be presented to the top-rated abstracts for each oral and poster session. For each oral session there are four invited judges (who are not the moderators) and there are six invited judges for each poster session. Judges follow a structured scoring guide that includes study design, impact, innovation and presentation quality as criteria.

The President's Award Ceremony will take place on Saturday morning

for work presented on Thursday and Friday. For work presented on Saturday, award winners will be contacted via email and announced on the website. We thank the judges who volunteer their time to make this award ceremony possible.

Other Noteworthy Activities

I'm excited to highlight the efforts of Cathy Spong, MD, our Local Arrangements Chair, and the other SMFM volunteer leaders who will visit the Irving High School "signature studies" School of Biomedical Sciences on Wednesday. The MFMs will lead several class discussions with students who are interested in how technology evolved and enhanced maternal-fetal medicine. They will also have the opportunity for hands-on ultrasound education using equipment generously provided by VirtaMed. On Thursday, the students will come to the plenary and morning poster session and be paired with an MFM mentor to learn about the research process and scientific method.

Finally, I would personally like to thank the SMFM staff and our President, Brian Iriye, MD, who worked tirelessly to make this meeting happen. On behalf of the other members of the 2020 Program Committee, Cynthia Gyamfi-Bannerman MD, MSc (Poster Chair); Chris Robinson, MD, MSCR (Postgraduate Course Chair); Joey Biggio, Jr, MD, MSc (Scientific Forum Chair); and Cathy Spong, MD (Local Arrangements Chair), welcome to Grapevine and we hope you enjoy what is sure to be a terrific meeting!

Alison Cahill, MD, MSCI
2020 SMFM Program Committee Chair

PROGRAM COMMITTEE

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Alison Cahill, MD, MSCI

Poster Chair
Cynthia Gyamfi-Bannerman, MD, MSc

Postgraduate Course Chair
Christopher Robinson, MD, MSCR

Scientific Forum Chair
Joseph R. Biggio, Jr., MD, MSc

Local Arrangements Chair
Catherine Spong, MD

CRITERIA FOR JUDGING ABSTRACTS FOR ORAL/ POSTER SESSION AWARDS

HYPOTHESIS (2 POINTS)

Originality
Scientific or clinical importance

METHODS (2 POINTS)

Clinical Study:	Prospective, Randomized
	Appropriate Controls
	Single vs Multicenter Study
Case Series:	Number of Cases
	Appropriate Controls
	Accuracy of Data
	Bias Addressed
Laboratory Study:	Appropriate Methods
	Appropriate Controls
	Innovative

RESULTS (2 POINTS)

Statistical analysis appropriate
Presented clearly

CONCLUSION(S) (2 POINTS)

Supported by results
Scientific or clinical relevance

PRESENTATION (2 POINTS)

Overall Quality:	Rationale for study made clear
	Methods and results easily understandable
	Conclusions supported by data
	Enthusiasm for study conveyed
	Poster easily readable

REVIEWERS AND JUDGES

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, MPH
William W. Andrews, PhD, MD
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Scott Sullivan, MD
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Yariv Yogev, MD
Carolyn M. Zelop, MD
Chloe Zera, MD, MPH

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Methodius Tuuli, MD, MPH
Michael Varner, MD
Ronald Wapner, MD

The Program Committee thanks the following individuals for helping to judge the oral and poster sessions at this year's meeting.
Vincenzo Berghella, MD
Sean Blackwell, MD
Yair Blumenfeld, MD
Suneet Chauhan, MD
Judith Chung, MD, PhD
Maged Costantine, MD
Daphnie Drassinower, MD
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Lauren Theilen, MD, MSCI
Stephen Thung, MD, MSCI
Alan Tita, MD, PhD
Ronald Wapner, MD
Erika Werner, MD
Danny Wu, MD
Blair Wylie, MD, MPH

ABSTRACT AWARDEES

DRU CARLSON MEMORIAL AWARD

For the Best Research in Ultrasound and Genetics
Teresa N. Sparks, MD
For the Abstract
HyDROPS study: Exome sequencing identifies genetic disorders causing non-immune hydrops fetalis

THE BRUCE A. WORK AWARD

For the Best Research by a Maternal-Fetal Medicine Physician Outside of the U.S.
Loïc Sentilhes, FRCOG, MD, PhD
For the Abstract
Conservative management versus cesarean hysterectomy for placenta accreta spectrum; the PACCRETA prospective population-based study

NORMAN F. GANT AWARD

For the Best Research in Maternal Medicine
George R. Saade, MD
For the Abstract
Maternal CMV screening in a large unselected population

THE DISPARITIES AWARD

For the Best Research on Diversity/Disparities in Health Outcomes
Jasmine Johnson, MD
For the Abstract
Racial disparities in prematurity persist among women of high socioeconomic status

40th ANNUAL MEETING-AT-A-GLANCE

MONDAY, FEBRUARY 3

6:00 – 7:00 am	Yoga (Palomino 1)
7:00 – 8:00 am	Continental Breakfast (Center Prefunction)
7:00 am – 5:00 pm	Mothers Lounge (Austin 2-3), Speaker Ready Room (Austin 1)
7:00 am – 6:00 pm	Childcare Services (Yellowrose Ballroom)
8:00 am – 5:00 pm	Postgraduate Courses (see pages 16-19)
12:00 – 1:00 pm	Ultrasound Reimagined: Rethinking Ultrasound from the Sonographer, Patient, and Physician's Perspective (San Antonio 4-6) *Sponsored by Samsung. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
12:00 – 1:00 pm	Cash and Carry Lunches Available (Center Prefunction)
5:30 – 6:30 pm	Yoga (Palomino 1)

TUESDAY, FEBRUARY 4

6:00 – 7:00 am	Yoga (Palomino 1), Bootcamp (Palomino 2)
7:00 – 8:00 am	Continental Breakfast (Center Prefunction)
7:00 am – 5:00 pm	Mothers Lounge (Austin 2-3), Speaker Ready Room (Austin 1)
7:00 am – 6:00 pm	Childcare Services (Yellowrose Ballroom)
8:00 am – 5:00 pm	Postgraduate Courses (see pages 22-26)
8:00 am – 5:00 pm	President's Workshop (Texas C)
12:00 – 1:00 pm	Cash and Carry Lunches Available (Center Prefunction)
12:00 – 1:00 pm	Ultrasound and NIPT: Synergistic Strategies for Your Practice (San Antonio 4-6) *Jointly sponsored by Roche and GE Healthcare. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
12:15 – 12:45 pm	Rally to Prevent Maternal Mortality (Center Prefunction)
3:00 – 5:00 pm	Perspectives on Reproductive Health Symposium (Texas 4)
5:00 – 7:00 pm	SMFM State Liaison Network Meeting (Fort Worth 1-2)
5:30 – 8:00 pm	Research Committee Symposium - Multiomics: Not Just Research Anymore (San Antonio 4-6)
5:30 – 6:30 pm	Yoga (Palomino 1)

WEDNESDAY, FEBRUARY 5

6:00 – 7:00 am	Yoga (Palomino 1), Bootcamp (Palomino 2)
7:00 – 8:00 am	Continental Breakfast (Center Prefunction)
7:00 am – 6:00 pm	Childcare Services (Yellowrose Ballroom)
7:00 am – 5:00 pm	Poster Printing Pick-up (Longhorn Registration E)
7:00 am – 5:00 pm	Mothers Lounge (Austin 2-3), Speaker Ready Room (Austin 1), VIP Lounge (Dallas 7)
8:00 am – 12:00 pm	President's Workshop (Texas C)
8:00 am – 2:30 pm	Postgraduate Courses (see pages 28-33)
12:00 – 1:00 pm	Cash and Carry Lunches Available (Center Prefunction)
12:00 – 1:00 pm	Expect More with Noninvasive Prenatal Screening (Texas 4-6) *Sponsored by Myriad Genetics. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
12:00 – 3:00 pm	Course for MFM Program Directors: A Forum to Share and Exchange Ideas for Improving your Fellowship (San Antonio 1-3)
3:00 – 4:00 pm	Residents Forum (Texas 4)
3:00 – 5:30 pm	Scientific Forums (see pages 34-40)
3:00 – 5:30 pm	SMFM Special Topic Forum: Implicit Bias (Texas 1)
5:00 – 6:30 pm	MFM Program Directors Meeting (San Antonio 1-3)
5:30 – 7:00 pm	Diversity Reception (Texas 4)
6:00 – 8:00 pm	Opening Reception with Exhibits (Longhorn Hall D-F)

THURSDAY, FEBRUARY 6

6:00 – 7:00 am	Yoga (Palomino 1)
6:00 – 7:30 am	Perinatal Nutrition Special Interest Group (San Antonio 4-6)
6:00 – 7:30 am	Continental Breakfast (Center Prefunction)
7:00 am – 5:00 pm	Mothers Lounge (Austin 2-3), Speaker Ready Room (Austin 1), VIP Lounge (Dallas 7)

THURSDAY, FEBRUARY 6, continued

7:00 am – 5:00 pm	Poster Printing Pick-up (Longhorn Registration E)
7:00 am – 6:00 pm	Childcare Services (Yellowrose Ballroom)
7:30 – 7:45 am	Welcome, President's Address, Lifetime Achievement Awards, Program Chair Address (Grapevine Ballroom)
7:45 – 8:00 am	Special Presentation by Nina Martin, Reporter, ProPublica (Grapevine Ballroom)
8:00 – 10:00 am	Oral Plenary Session I (Grapevine Ballroom)
10:00 – 10:30 am	Late-Breaking Research Presentations (Grapevine Ballroom)
10:30 am – 12:00 pm	Poster Session I (Longhorn Hall D-F)
10:30 am – 5:30 pm	Exhibit Hall Open (Longhorn Hall D-F)
11:30 am – 1:00 pm	Armed Forces MFM Network (San Antonio 2-3), Research Support Personnel and Investigators (San Antonio 4-6), Gender Equity in Physician Compensation (Texas 5-6)
12:00 – 1:00 pm	Luncheon Roundtables (see page 48)
12:00 – 1:00 pm	Improving Twin Outcomes Through the Use of SNP-based NIPT (Texas D) *Sponsored by Natera. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
12:00 – 1:00 pm	A Novel Strategy Targeting the Neonatal Fc Receptor to Treat Allo- and Autoimmune Diseases of the Fetus and Newborn (Texas C) *Sponsored by Momenta. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
1:15 – 3:45 pm	Oral Concurrent Sessions (Grapevine Ballroom)
3:45 – 5:15 pm	Poster Session II (Longhorn Hall D-F)
5:00 - 6:00 pm	Pro-Life MFMs (Appaloosa 2)
5:15 – 6:00 pm	Meet-the-Fellows Reception – by invitation only (Texas 1-2)
6:00 – 8:00 pm	There's Something about SMFM: Celebrating 40 years of the Pregnancy Meeting and Honoring Dr. Mary D'Alton (Grapevine Ballroom) *ticket required*

FRIDAY, FEBRUARY 7

6:00 – 7:00 am	Yoga (Palomino 1)
6:00 – 7:30 am	Continental Breakfast (Grapevine Prefunction)
6:30 - 7:30 am	MFM Genetics Breakfast (Dallas 6)
7:00 am – 5:00 pm	Mothers Lounge (Austin 2-3), Speaker Ready Room (Austin 1), VIP Lounge (Dallas 7)
7:00 am – 5:00 pm	Poster Printing Pick-up (Longhorn Registration E)
7:00 am – 6:00 pm	Childcare Services (Yellowrose Ballroom)
7:30 – 8:00 am	Foundation for SMFM Chair Address (Grapevine Ballroom)
8:00 – 10:00 am	Oral Plenary Session II, Fellows Plenary (Grapevine Ballroom)
10:00 – 10:30 am	Late-Breaking Research Presentations (Grapevine Ballroom)
10:30 am – 12:00 pm	Poster Session III (Longhorn Hall D-F)
10:30 am – 5:30 pm	Exhibit Hall Open (Longhorn Hall D-F)
12:00 – 1:00 pm	Luncheon Roundtables (see page 54)
12:00 – 1:00 pm	Cell Free DNA Based Non-Invasive Prenatal Screening: What is the Clinical Utility of Expanded-Content Panels? (Mesilla) *Sponsored by Illumina. This independent presentation is not part of the official program as planned by the SMFM Program Committee.*
12:00 – 1:00 pm	Foundation for SMFM Corporate Council Luncheon - by invitation only (Escondido 2-3)
1:15 – 3:45 pm	Oral Concurrent Sessions (Grapevine Ballroom)
3:45 – 5:15 pm	Poster Session IV (Longhorn Hall D-F)
5:15 – 8:00 pm	SMFM All Fellows Mini Retreat (Grapevine C)

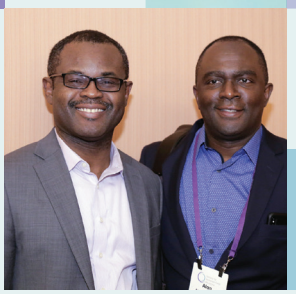
SATURDAY, FEBRUARY 8

6:30 – 7:30 am	Foundation for SMFM 5K Race (Convention Circle Drive)
7:00 – 8:00 am	Continental Breakfast (Grapevine Prefunction)
7:00 – 10:00 am	Speaker Ready Room (Austin 1)
7:00 – 1:00 pm	Childcare Services (Yellowrose Ballroom)
7:00 – 1:00 pm	Mothers Lounge (Austin 2-3)
8:00 – 8:30 am	Awards Ceremony for Thursday and Friday Sessions (Grapevine Ballroom)
8:00 – 10:00 am	Poster Printing Pick-up (Longhorn Registration E)
8:45 – 10:45 am	Oral Concurrent Sessions (Grapevine Ballroom)
10:45 am – 12:15 pm	Poster Session V (Longhorn Hall E-F)

GET THE LATEST MEETING NEWS, SHARE SCIENCE, PHOTOS AND MORE!

Social media is a great tool to find out what is happening in different parts of the meeting, amplify the work of your MFM colleagues and connect with others in the field!

FOLLOW #SMFM20 ON TWITTER FOR ALL-THINGS PREGNANCY MEETING.



COMMITMENT TO HEALTH EQUITY

SMFM's mission, vision, and strategic direction recognize that success is dependent upon reflecting the diversity of the communities that MFMs serve. SMFM's advocacy agenda prioritizes health equity and supports policy proposals that are aimed at eliminating health care inequities for high-risk pregnant women. Learn more about our work at SMFM.org/equity.

SEE WHERE WE STAND. **Read SMFM's position statements:** "Diversity and Inclusion in Leadership" and "Racial Disparities in Health Outcomes."

AMPLIFY YOUR VOICE. **Attend the Rally to Prevent Maternal Morality** (Tuesday from 12:15 – 12:45 pm near meeting registration.).

MENTOR. **Use our online Mentor Match** to connect with a mentor or mentee across the country.

CONNECT. **Attend the Diversity and Inclusion Reception** (Wednesday from 5:30 – 7:00 pm in Texas 4).

EDUCATE. **Share our new infographic** that details the impacts of racism on pregnancy outcomes with your colleagues, patients, and social media circles.

ADVOCATE. **Use our interactive, online map** focused on maternal mortality to advocate for policy changes in your state.

LEARN. We have a **new committee** dedicated to diversity and inclusion in the workforce. Familiarize yourself with the charge of the committee and its members. Consider applying for membership in 2021.

ANNUAL MEETING APP

View and personalize your schedule, navigate the exhibit hall, read abstracts, access speaker presentations, receive meeting updates, and more. Download the SMFM app at no-cost by searching **"SMFM Meetings and Events"** in your favorite app store. Once you've downloaded the app:

1. Create your account (or log in)
2. Update your profile and add a picture
3. Explore!

View the App on Your Web Browser at bit.ly/PregMeeting and follow the log-in instructions above to get started.

BE IN THE KNOW!

Sign up for SMFM's new text messaging service and be the first to know about volunteer opportunities, grant funding offerings, key SMFM deadlines, and more.

1. Visit SMFM.org/profile
2. Enter your mobile number
3. Accept the terms and conditions

Call for proposals

Help us research the Novii™ Wireless Patch System

Will the use of Novii result in a paradigm shift in the way you practice obstetrics?

Grants up to $75,000

Learn more at gehealthcare.com/perinatalresearch

GE Healthcare

NEW INITIATIVE COMBATS PHYSICIAN BURNOUT

SMFM.org/thrive

thrive

A WELLNESS PROGRAM FOR SMFM MEMBERS

A recent study showed that more than 50% of SMFM's physician members are experiencing burnout. Physician burnout has profound implications for physicians, their families, staff and the patients they serve. In response, the Society created SMFM Thrive, a wellness program for MFMs and their staff. Enjoy in-person activities at the Annual Meeting and ongoing e-learning offerings throughout the year.

YOGA: Led by Dr. Shilpa Babbar, attendees can relieve anxiety and get energized with daily yoga classes. Limited space available.

UTHealth | McGovern Medical School · The Fetal Center · Children's Memorial Hermann Hospital

STEPS CHALLENGE: The Steps Challenge encourages Annual Meeting attendees to hit target step goals, engage in some friendly competition, win prizes, meet new people, and have some fun! Download the SMFM Thrive challenge app to begin tracking your steps.

NEW!

progenity® Prepare for life.

BOOT CAMP: Led by SMFM's Chief Advocacy Officer and and fitness sergeant, Katie Schubert, these two morning workouts (Tuesday and Wednesday) will feature high intensity interval training and are an efficient way to burn calories and energize attendees for the rest of the day. Limited space available.

NEW!

UTHealth | McGovern Medical School · Department of Obstetrics, Gynecology & Reproductive Sciences · McGovern Medical School

NEW! SCIENTIFIC FORUM "SMFM THRIVE"

NEW!

Wednesday, February 5 at 3:00 - 5:30 pm

Led by Dr. Heather Lipkind, this Scientific Forum will share career strategies to find solutions that are tailored to meet the needs of busy MFMs. There is no cost to attend this event for those who register for the Scientific Sessions. Space is limited.

FOUNDATION FOR SMFM 5K RACE:

Get some exercise on Saturday morning and support a good cause with the annual Foundation for SMFM 5K. Register until Friday at noon at bit.ly/5K-2020.

Sage Therapeutics™

Monday

FEBRUARY 3

6:00 – 7:00 am Palomino 1

Yoga First timers and experts are welcome in classes led by Dr. Shilpa Babbar. Registration is required.
Sponsored by

UTHealth | McGovern Medical School — The Fetal Center — Children's Memorial Hermann

7:00 – 8:00 am Center Prefunction

Continental Breakfast

7:00 am – 5:00 pm Austin 2-3

Mothers Lounge

7:00 am – 5:00 pm Austin 1

Speaker Ready Room

7:00 am – 6:00 pm Yellowrose Ballroom

Childcare Services

8:00 am – 5:00 on

Postgraduate Courses (See Pages 16-19)

12:00 – 1:00 pm San Antonio 4-6

Ultrasound Reimagined Sponsored by Samsung. This independent presentation is not part of the official program as planned by the SMFM Program Committee.

SAMSUNG

12:00 – 1:00 pm Center Prefunction

Cash and Carry Lunches Available

5:30 – 6:30 pm Palomino 1

Yoga

RESOURCES FOR FAMILIES

SMFM strives to be inclusive and to meet the needs of our members. Families are welcome at #SMFM20.

CHILDCARE SERVICES: For the second year in a row, we are proud to offer subsidized childcare services at the Annual Meeting. Pre-registration is required, but there may still be spaces available for onsite registration. Visit the Yellowrose Ballroom to inquire about available openings. Childcare hours are:

Monday	7:00 am – 6:00 pm
Tuesday	7:00 am – 6:00 pm
Wednesday	7:00 am – 6:00 pm
Thursday	7:00 am – 6:00 pm
Friday	7:00 am – 6:00 pm
Saturday	7:00 am – 1:00 pm

MOTHER'S LOUNGE: Baby-wearing and feeding is welcome throughout the SMFM Annual Meeting. For those who prefer private space, we will have space for parents to pump or feed children in Austin 2-3.

Monday	7:00 am – 5:00 pm
Tuesday	7:00 am – 5:00 pm
Wednesday	7:00 am – 5:00 pm
Thursday	7:00 am – 5:00 pm
Friday	7:00 am – 5:00 pm
Saturday	7:00 am – 1:00 pm

POSTGRADUATE COURSES

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

Critical Care: A Case-Based Approach | 8:00 am – 5:00 pm

Course Director: Luis Pacheco, MD
Course Faculty: Andra James, MD; Wayne Franklin, MD; Uri Elkayam, MD; Baha Sibai, MD; Antonio Saad, MD; Carolyn Zelop, MD
CME: Up to 7 credits available *
Location: Grapevine B

Learning Objectives	1. Review recent concepts in the management of acute respiratory distress syndrome.
	2. Describe the optimal management of acute myocardial infarction during pregnancy.
	3. Understand modern management of thromboembolism in pregnancy.
	4. Review the most common congenital heart diseases complicating pregnancy.
	5. Understand the pathophysiology and management of severe hypertension during pregnancy.
	6. Describe the peripartum management of severe pulmonary hypertension.

8:00 – 8:05 am	Introduction	Pacheco
8:05 – 8:45 am	Acute Respiratory Distress Syndrome	Pacheco
8:45 – 9:30 am	Deep Venous Thrombosis/Pulmonary Embolism	James
9:30 – 10:00 am	Questions-Case Discussions	Pacheco/James
10:00 – 10:30 am	Break	
10:30 – 11:15 am	Congenital Heart Disease During Pregnancy	Franklin
11:15 am – 12:00 pm	Myocardial Infarction	Elkayam
12:00 – 1:00 pm	Lunch	
1:00 – 1:45 pm	Update on Fluids, Pressors, and Inotropes	Pacheco
1:45 – 2:30 pm	Hypertensive Emergencies	Sibai
2:30 – 3:00 pm	Questions-Case Discussions	Pacheco/Sibai
3:00 – 3:30 pm	Break	
3:30 – 4:15 pm	Cardiac Arrest in Pregnancy	Zelop
4:15 – 4:45 pm	Pulmonary Hypertension at the Time of Delivery	Saad
4:45 – 5:00 pm	Questions and Closing Remarks	Pacheco

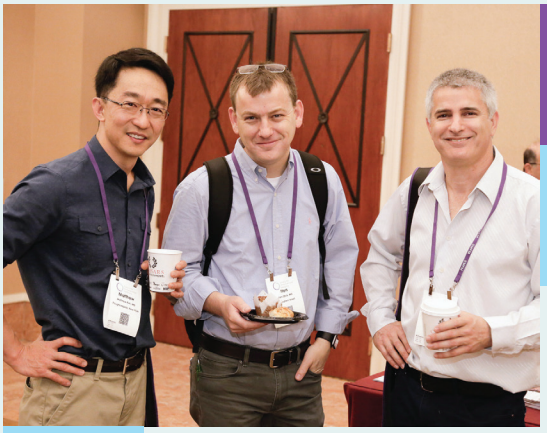
*This activity has been planned and implemented in accordance with the accreditation and policies of the Accreditation Council for Continuing Medical Education through the joint providership of The Omnia-Prova Education Collaborative (TOPEC) and Society for Maternal-Fetal Medicine. TOPEC is accredited by ACCME to provide continuing medical education for physicians. The Omnia-Prova Education Collaborative, Inc. designates this enduring material for a maximum of 75.25 PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Fetal Echocardiography for the MFM | 8:00 am – 5:00 pm

Course Director: Joshua Copel, MD
Course Faculty: Julia Solomon, MD; Jack Rychik, MD; Alfred Abuhamad, MD; Anita Moon-Grady, MD; Lynn Simpson, MD
CME: Up to 7 credits available *
Location: Grapevine A

Learning Objectives	1. Improve diagnostic accuracy of fetal cardiac anomalies.
	2. Provide clear counseling for affected individuals.
	3. Create interdisciplinary plans for delivery of affected fetuses.

8:00 – 8:15 am	Introduction and Goals	Copel
8:15 – 8:45 am	Optimize Your Heart Views	Simpson
8:45 – 9:15 am	Early Fetal Echo - How Low Can You Go?	Abuhamad
9:15 – 9:45 am	Subtle 4-Chamber Anomalies Not to Miss	Moon-Grady
9:45 – 10:00 am	Q and A	Course Faculty
10:00 – 10:30 am	Break	
10:30 – 11:00 am	The Importance of the 3 Vessel And 3 Vessel Trachea Views	Solomon
11:00 – 11:30 am	Fetal Arrhythmias	Copel
11:30 – 11:45 am	Just Images (Wait, Wait, Don't Tell Me)	Course Faculty
11:45 am – 12:00 pm	Q and A	Course Faculty
12:00 – 1:00 pm	Lunch	
1:00 – 1:30 pm	When There Is Only One Pump: Diagnosis, Management and Outcomes for the Fetus With Single Ventricle Heart Disease	Rychik
1:30 – 2:00 pm	Heterotaxy Made Ridiculously Simple	Solomon
2:00 – 2:30 pm	Neurocognitive Outcomes in Congenital Heart Disease and Their Origins in Prenatal Life	Rychik
2:30 – 3:00 pm	Genetics of Fetal Heart Disease	Copel
3:00 – 3:30 pm	Break	
3:30 – 4:00 pm	Fetal Venous Malformations	Abuhamad
4:00 – 4:30 pm	Do You Need 3D and 4D in Fetal Echo	Solomon
4:30 – 4:45 pm	Just Images (Wait, Wait, Don't Tell Me)	Course Faculty
4:45 – 5:00 pm	Q and A	Course Faculty



Preterm Birth | 8:00 am – 5:00 pm

Course Directors: Bo Jacobsson, MD, PhD and William Grobman, MD, MBA
Course Faculty: Joe Leigh Simpson, MD; Kelle Moley, MD; Ben Mol, MD, PhD; Jane Norman, MD, PhD; Andrew Shennan, MD, PhD; Annettee Nakimuli, MD, PhD; Ana Bianchi, MD; Catalina Valencia, MD
CME: Up to 7 credits available *
Presented jointly by the International Federation of Gynecology and Obstetrics (FIGO) and SMFM
Location: Grapevine C

Learning Objectives	1. Compare preterm delivery rates between different parts of the world and understand how they are achieved and/or estimated.
	2. Describe the new knowledge on etiology of preterm delivery and to specify the pros and cons with different screening strategies to identify women with increased risk of preterm delivery.
	3. Discuss the latest knowledge about medical and public health prevention strategies of preterm delivery – both from the US and international perspective.
	4. Recognize the different obstacles for reducing preterm delivery rates in Latin America, Africa, Australia, Europe and the US. The participants will also be able to recognize the different obstacles in preterm delivery research.
	5. Discuss different risk factors contribute to the variation of preterm delivery rates in high-income countries.

8:00 – 8:10 am	Introduction	Jacobsson/Grobman
8:10 – 8:40 am	Preterm Delivery Rates and Prevention from an International Public Health Perspective	Jacobsson
8:40 – 9:10 am	Etiology of Preterm Delivery Including New Genetic Findings	Simpson
9:10 – 9:40 am	Screening for Preterm Delivery in Singletons and Twins	Mol
9:40 – 10:00 am	Questions and Discussion	Jacobson/ Course Faculty
10:00 – 10:30 am	Break	
10:30 – 11:05 am	Progesterone and Preterm Birth Prevention – Separating the Facts from the Hype	Norman
11:05 – 11:40 am	The World of Cerclage and Pessary	Grobman
11:40 am – 12:00 pm	Questions and Discussion	Grobman/Course Faculty
12:00 – 1:00 pm	Lunch	
1:00 – 1:30 pm	Clinical Interventions and Outcomes in a Global Setting	Shennan
1:30 – 2:00 pm	Preterm Delivery in Latin America: What are the Most Relevant Clinical and Socioeconomic Factors?	Bianchi
2:00 – 2:30 pm	Preterm Delivery in Africa: Key Research Perspectives and Questions	Nakimuli
2:30 – 3:00 pm	Questions and Discussion	Jacobson/ Course Faculty
3:00 – 3:30 pm	Break	
3:30 – 4:00 pm	March of Dimes' Role in Reducing Preterm Delivery Rates Around the World	Moley
4:00 – 4:30 pm	Future of Preterm Delivery Interventions and Research - Where Should We Go?	Valencia
4:30 – 5:00 pm	General Questions and Discussions	Jacobson/Grobman/ Course Faculty

Becoming a Champion for Access to Comprehensive Reproductive Health Services | 1:00 – 5:00 pm

Course Directors: Clark Johnson, MD, MPH and Sindhu Srinivas, MD, MSCE
Course Faculty: Erika Werner, MD; Sarah Horvath, MD; Vanessa Dalton, MD, MPH; Rebecca Allen, MD, MPH
CME: Up to 3.5 credits available *
Location: Texas 4

Learning Objectives	1. Describe and practice uterine evacuation using the manual vacuum aspirator in a variety of clinical settings.
	2. Explain the logistical and clinical processes and challenges for instituting medication abortion provision.
	3. Review the complex considerations that may occur when counseling high-risk patients, through clinical case discussions.
	4. Identify barriers to institutional implementation and practice advocacy strategies for overcoming these challenges.

1:00 – 1:20 pm	Introduction – Making Choice and Access to Comprehensive Reproductive Health Services Part of the MFM Conversation	Srinivas and Johnson
1:20 – 1:50 pm	Counseling - Coordinating Care for Cases that Require Multidisciplinary Support	Werner
1:50 – 2:20 pm	Manual Vacuum Aspiration (MVA) – An Overview of Technique and Diverse Utility in Clinical Care	Allen and Dalton
2:20 – 3:00 pm	MVA Demonstration and Hands-On Practice	Allen and Dalton
3:00 – 3:30 pm	Break and Networking	Course Faculty
3:30 – 4:05 pm	Medication Abortion – A Review and Discussion of Potential Utility for Practice	Horvath
4:05 – 4:50 pm	Table Discussions – Identifying and Working to Overcome Institutional Barriers to Comprehensive Reproductive Health Care	Srinivas and Johnson
4:50 – 5:00 pm	Closing	Course Faculty

Society for Maternal•Fetal Medicine
High-risk pregnancy experts

40 FEATURED VOICES IN MFM

#SMFM20

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@AmberSamuelMD

Amy Murtha
@amypmurtha

Alison Stuebe
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Angelica Glover
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Blair Wylie
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Michelle Owens
@DrMichelleOwens

Andrea Edlow
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Michal Elovitz
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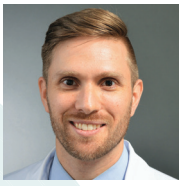

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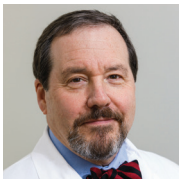

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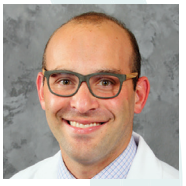

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Tuesday

FEBRUARY 4

6:00 – 7:00 am Palomino 1

Yoga First timers and experts are welcome in classes led by Dr. Shilpa Babbar. Registration is required. Sponsored by

UTHealth | McGovern Medical School The Fetal Center Children's Memorial Hermann

6:00 – 7:00 am Palomino 2

Bootcamp Start the day with a supercharged, high intensity interval training class let by SMFM's Chief Advocacy Officer, Katie Schubert. Registration is required. Sponsored by

UTHealth | McGovern Medical School Department of Obstetrics, Gynecology & Reproductive Sciences McGovern Medical School

7:00 – 8:00 am Center Prefunction

Continental Breakfast

7:00 am – 5:00 pm Austin 2-3

Mothers Lounge

7:00 am – 6:00 pm Yellowrose Ballroom

Childcare Services

8:00 am – 5:15 pm

Tuesday Postgraduate Courses (See Pages 22-26)

8:00 am – 5:00 pm Texas C

President's Workshop: Implementation Science and the Optimization of Obstetrical Outcomes

This year's workshop, co-sponsored by SMFM, Academy Health, the American College of Obstetricians and Gynecologists, and the National Network of Perinatal Quality Collaboratives will bring together the foremost behavioral scientists from around the country to highlight the need for implementation of efficacious solutions obtained from research. This workshop was made possible in part by unrestricted educational grants from

HOLOGIC The Science of Sure Integrated GENETICS LabCorp Specialty Testing Group SAMSUNG

12:00 – 1:00 pm Center Prefunction

Cash and Carry Lunches Available

12:00 – 1:00 pm San Antonio 4-6

Ultrasound and NIPT: Synergistic Strategies for your Practice Jointly sponsored by Roche and GE Healthcare. This independent presentation is not part of the official program as planned by the SMFM Program Committee.

12:15 – 12:45 pm Center Prefunction

Rally to Prevent Maternal Mortality

Bring your white coat or scrubs and raise awareness of the rising rates of maternal death is the U.S. All are welcome.

3:00 – 5:00 pm Texas 4

Perspectives on Reproductive Health Symposium

5:30 – 8:00 pm San Antonio 4-6

Research Committee Symposium: State of the Science - Multiomics: Not Just for Research

5:30 – 6:30 pm Palomino 1

Yoga

POSTGRADUATE COURSES

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

Cardiovascular Dilemmas for the MFM in the Trenches | 8:00 am – 5:00 pm

Course Directors: Cornelia Graves, MD and Carolyn Zelop, MD
Course Faculty: Carl Rose, MD; Stephanie Martin, DO; Afshan Hameed, MD; Beth Brickner, MD; Lisa Leffert, MD; Katherine Arendt, MD
CME: Up to 7 credits available *
Location: Grapevine B

Learning Objectives	1. Clearly delineate how the physiologic changes of pregnancy affect the underlying cardiovascular lesion.
	2. Risk stratify cardiac disease as it pertains to maternal and fetal/neonatal outcomes.
	3. Outline the management goals of antepartum and peripartum management for significant cardiac conditions including ongoing controversies.
	4. Characterize the goal of multidisciplinary team management for specific cardiac lesions including areas of controversy.

8:00 – 8:05 am	Welcome	Zelop/Graves
8:05 – 8:45 am	Cardiomyopathy from A to Z	Rose
8:50 – 9:30 am	Pulmonary Hypertension: Does it Matter if its Primary or Secondary?	Martin
9:35 – 10:00 am	Cardio-Obstetrics and Risk Stratification: Part I	Hameed
10:00 – 10:30 am	Break	
10:30 – 11:15 am	Acute Coronary Syndrome: More Than Just a Clogged Artery	Zelop
11:15 am – 12:00 pm	Case Studies and Faculty Round Table	Zelop/Rose/Martin/Hameed
12:00 – 1:00 pm	Lunch	
1:00 – 1:40 pm	Congenital Heart Disease: When Should You Worry?	Brickner
1:40 – 2:30 pm	Obstetrical Anesthesia Management for the Patient with Maternal Cardiac Disease	Arendt
2:30 – 3:00 pm	Cardio Obstetrics and Risk Stratification: Part II	Hameed
3:00 – 3:30 pm	Break	
3:30 – 4:15 pm	Cardiac Arrhythmias: More Prevalent During Pregnancy?	Graves
4:15 – 5:00 pm	Case Studies and Faculty Round Table	Brickner/Graves/Hameed

Hands-On Workshop for Critical Care Simulation | 8:00 am – 12:00 pm

Course Directors: COL Shad Deering, MD and Arthur "Jason" Vaught, MD
Course Faculty: Torre Halscott, MD, MSCR; Dena Goffman, MD; Clark Johnson, MD, MPH; Meredith Birsner, MD
CME: Up to 4 credits available *
Location: Grapevine 1-3

Learning Objectives	1. Understand how to diagnose and manage sepsis in pregnancy.
	2. Gain knowledge and skills in the treatment of postpartum hemorrhage (i.e., uterotonics, correction of disseminated intravascular coagulopathy, balloon tamponade, initiation of interventional radiology or hysterectomy).
	3. Understand the treatment of drug overdoses in pregnancy including opioids, methamphetamine, and intentional overdoses.
	4. Describe and practice the diagnostic and treatment algorithms used during maternal cardiac arrest.
	5. Take part in hands-on practice for critical care cases based on actual patients.
	6. Discuss and review vascular access for the critically ill.

8:00 – 8:15 am	Cardiac Arrest in Pregnancy	Deering
8:15 – 8:30 am	Sepsis in Pregnancy	Vaught
8:30 – 8:45 am	Drug Overdose in Pregnancy	Birsner
8:45 – 9:00 am	Vascular Access in Critically Ill	Vaught
9:00 – 9:50 am	Simulation Station - Rotation 1	Faculty
9:50 – 10:40 am	Simulation Station - Rotation 2	Faculty
10:40 – 11:30 am	Simulation Station - Rotation 3	Faculty
11:30 – 12:00 pm	Debriefing, Wrap Up, Questions	Faculty

Modern Management in Twins: All You Need to Know | 8:00 am – 5:10 pm

Course Directors: Asma Khalil, MD, MSc; Magda Sanz Cortes, MD, PhD; Joanne Stone, MD, MS; Lorraine Dugoff, MD
Course Faculty: Anthony Johnson, DO; Ahmet Baschat, MD; William Grobman, MD, MBA; Roberto Romero, MD, DMedSci
CME: Up to 7.5 credits available *
Presented jointly by the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) and SMFM
Location: Grapevine A

Learning Objectives	1. Review the ISUOG guidelines for the management of twin gestations.
	2. Discuss screening and prevention approaches for preterm birth in twins.
	3. Describe how to assess and manage growth abnormalities in twins.
	4. Discuss aneuploidy screening and prenatal diagnostic testing in twins.
	5. Review ultrasound diagnosis and management of complicated twin pregnancies including fetal anomalies, monochorionic monoamniotic pregnancies, twin-to-twin transfusion syndrome (TTTS), single fetal demise and twin reversed arterial perfusion sequence (TRAP).
	6. Discuss the optimal timing of delivery and delivery mode for twin gestations.

8:00 – 8:10 am	Welcome and Introduction to the Course	Chairs
8:10 – 8:30 am	Twin Pregnancy: ISUOG Guideline and Beyond	Khalil
8:30 – 9:00 am	Predicting and Managing Single Intrauterine Demise	Sanz Cortes
9:00 – 9:40 am	The Challenge of Monochorionic Monoamniotic Twins: Tips for Diagnosis and Surveillance	Khalil
9:40 – 10:00 am	Case Presentations and Discussion	Faculty
10:00 – 10:30 am	Break	
10:30 – 10:55 am	Ultrasound Screening for Fetal Anomalies in Twins	Khalil
10:55 – 11:20 am	Screening for Aneuploidy in Twins: Conventional Screening vs. NIPT	Dugoff
11:20 am – 12:00 pm	Management of Discordant Fetal Anomalies: Diagnostic Testing and Embryo Reduction	Stone
12:00 – 1:00 pm	Lunch	
1:00 – 1:30 pm	Fetal Growth in Twins: Normal, Abnormal and Discordant	Khalil
1:30 – 2:00 pm	Screening and Prevention for Preterm Birth in Multiple Gestation Pregnancies	Romero
2:00 – 2:30 pm	Delivering Twins: When? How?	Grobman
2:30 – 3:00 pm	Case Presentations And Discussion	Faculty
3:00 – 3:30 pm	Break	
3:30 – 4:00 pm	Twin-To-Twin Transfusion Syndrome	Baschat
4:00 – 4:20 pm	Twin Reversed Arterial Perfusion Sequence (TRAP)	Johnson
4:20 – 4:40 pm	Video Demonstration of Laser Photocoagulation Surgery and TRAP	Johnson
4:40 – 5:10 pm	How to Care for Your Patient After Laser: Imaging, Diagnosis, Management (Including Twin Anaemia Polycythaemia Sequence)	Sanz Cortes

The Completely Un-Routine, Sometimes Hoofbeats Really Are Zebras: Rare Maternal Diseases and Complex Fetal Syndromes - Their Diagnosis and Management | 8:00 am – 5:00 pm

Course Directors: Loralei Thornburg, MD and Christina Han, MD
Course Faculty: Brenna Hughes, MD; Jeanne Sheffield, MD; Arthur "Jason" Vaught, MD; Deborah Krakow, MD; Andrea Greiner, MD; Melissa Russo, MD; Reem S. Abu-Rustum, MD; Neeta Vora, MD; Marika Toscano, MD, MS
CME: Up to 7 credits available *
Location: Grapevine C

Learning Objectives	1. Understand approach to the patient with rare maternal and fetal diseases with limited data during pregnancy.
	2. Develop care plans for rare disease management in pregnancy by a multidisciplinary care team.
	3. Describe the approach to complex fetal anomaly evaluation and management.
	4. Understand the intersection of embryologic structures resulting in patterns of anomalies.
	5. Discuss available resources for rare diseases and registries, as well as medication safety.
	6. Review images and findings for complex anomaly syndromes, including imaging pearls.

8:00 – 8:30 am	Aortopathy Syndromes in Pregnancy	Russo
8:30 – 9:00 am	Rare Maternal Infections and Poisonings During Pregnancy	Sheffield
9:00 – 10:00 am	Maternal Skeletal Disorders and Disease During Pregnancy	Thornburg
10:00 – 10:30 am	Break	
10:30 – 11:00 am	Vascular and Inflammatory Disorders During Pregnancy	Vaught
11:00 am – 12:00 pm	Maternal Metabolic Disorders During Pregnancy	Greiner
12:00 – 1:00 pm	Lunch	
1:00 – 1:30 pm	Findings in The Fetal Chest Beyond Typical CDH and CHD	Abu-Rustum
1:30 – 2:00 pm	Beyond Skeletal Dysplasias: Fetal Limb and Skin Disorders	Han
2:00 – 3:00 pm	Uncommon Infections of The Fetus and Their Effects on Development	Hughes
3:00 – 3:30 pm	Break	
3:30 – 4:00 pm	Complex Brain and Neuromuscular Syndromes of the Fetus	Krakow
4:00 – 5:00 pm	Complex Fetal Genitourinary Anomalies and Syndromes	Vora

Hands-On Workshop for Ultrasound Guided Invasive Procedures | 1:00 pm – 5:30 pm

Course Directors: Brian Brost, MD and Joshua Nitsche, MD, PhD
Course Faculty: Linda Street, MD; Peter Napolitano, MD; Kristina Shumard, MD; Elisabeth Codsi, MD; Mallory Alkis, MD; Melissa Kozakiewicz, MD; Sarah Shepard, DO; Sarah White, MD, FACOG
CME: Up to 4 credits available *
Location: Grapevine 1-3

Learning Objectives	1. Familiarize the participants with available options for simulating ultrasound-guided invasive procedures.
	2. Introduce the participants to curricula specific for different ultrasound guided invasive procedures.
	3. Provide novice participants with instruction on the basics of ultrasound guided invasive procedures.
	4. Train experienced providers on how to establish an ultrasound guided invasive procedure simulation program at their institution.
	5. Demonstrate how simulations can be used by experienced providers to maintain skill with low-frequency procedures.

1:00 – 1:15 pm	Introduction to Ultrasound-Guided Invasive Procedure Simulation	Brost/Nitsche
1:15 – 1:45 pm	Ultrasound Guidance Basics	Course Faculty
1:45 – 2:15 pm	Ultrasound Guidance Targeting Tasks	Course Faculty
2:15 – 3:00 pm	Hands-On Simulation-Round 1 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
3:00 – 3:30 pm	Break	
3:30 – 4:15 pm	Hands-On Simulation-Round 2 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
4:15 – 5:00 pm	Hands-On Simulation-Round 3 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
5:00 – 5:30 pm	Wrap-Up and Free Practice Time	Brost/Nitsche

Putting the "M" into MFM | 1:00 – 5:00 pm

Course Directors: Dena Goffman, MD and COL Shad Deering, MD
Course Faculty: Michael Foley, MD; Andrea Shields, MD, MSCR; Leslie Moroz, MD, MS; Larry Shields, MD; Carolyn Zelop, MD
CME: There is no CME credit available for this course.
Location: Grapevine D

Learning Objectives	1. Understand the current incidence of and etiologies for maternal cardiac arrest.
	2. Describe benefits of implementation of a maternal early warning system to promote recognition and treatment of a clinically deteriorating patient.
	3. Identify key steps for management of maternal cardiac arrest, including interventions for extraordinary circumstances.
	4. Recognize keys to successful resuscitative cesarean delivery.
	5. Observe simulated maternal cardiac arrest and practice debriefing this critical, high-stakes, obstetric emergency.

1:00 – 1:15 pm	Introduction	Goffman/Deering
1:15 – 1:35 pm	Maternal Arrest: Background and Overview	Zelop
1:35 – 1:55 pm	Maternal Arrest: Prevention Through Early Recognition and Intervention	L. Shields
1:55 – 2:15 pm	Maternal Arrest: Practical Management Considerations	Goffman
2:15 – 2:35 pm	Maternal Arrest: Resuscitative Cesarean Delivery	A. Shields
2:35 – 3:00 pm	Maternal Arrest: Interventions for Extraordinary Circumstances	Moroz
3:00 – 3:30 pm	Break	
3:30 – 3:50 pm	Moderated Q and A	Foley
3:50 – 4:50 pm	Hands-On Simulation with Multidisciplinary Debriefing to Optimize Maternal Arrest Management	Deering
4:50 – 5:00 pm	Wrap Up	Goffman/ Deering

Perspectives on Reproductive Health Symposium | 3:00 – 5:00 pm

Course Directors: Clark Johnson, MD, MPH; Marcela Smid, MD
Course Faculty: Kari White, PhD; Andy Beck, JD; Lisa Harris, MD, PhD
CME: There is no CME credit available for this course.
Location: Texas 4

Learning Objective	1. Speakers will present on how reproductive health policy has evolved at the state and federal level in recent years and the implications of these changes on current and future MFM practice.

3:00 – 3:30 pm	Recent Developments in U.S. Reproductive Health Policy	Beck
3:30 – 4:00 pm	The Tension of Opposites in Reproductive Health Care	Harris
4:00 – 4:30 pm	Impact of Restrictive Legislation on High-Risk Patients and Providers	White
4:30 – 5:00 pm	Q and A and Discussion	Johnson and Smid

Wednesday

FEBRUARY 5

6:00 – 7:00 am Palomino 1

Yoga First timers and experts are welcome in classes led by Dr. Shilpa Babbar. Registration is required. Sponsored by

UTHealth | McGovern Medical School The Fetal Center Children's Memorial Hermann

6:00 – 7:00 am Palomino 2

Bootcamp Start the day with a supercharged, high intensity interval training class let by SMFM's Chief Advocacy Officer, Katie Schubert. Registration is required. Sponsored by

UTHealth | McGovern Medical School — Department of Obstetrics, Gynecology & Reproductive Sciences, McGovern Medical School

7:00 – 8:00 am Center Prefunction

Continental Breakfast

7:00 am – 6:00 pm Yellowrose Ballroom

Childcare Services

7:00 am – 5:00 pm Longhorn Registration E

Poster Printing Pick-Up

7:00 am – 5:00 pm Austin 2-3

Mothers Lounge

7:00 am – 5:00 pm Austin 1

Speaker Ready Room

7:00 am – 5:00 pm Dallas 7

VIP Lounge Society and Foundation for SMFM VIPs can relax, connect, and network in a private space with wifi and light refreshments.

8:00 am – 12:00 pm Texas C

President's Workshop: Implementation Science and the Optimization of Obstetrical Outcomes

This year's workshop, co-sponsored by SMFM, Academy Health, the American College of Obstetricians and Gynecologists, and the National Network of Perinatal Quality Collaboratives will bring together the foremost behavioral scientists from around the country to highlight the need for implementation of efficacious solutions obtained from research. This workshop was made possible in part by unrestricted educational grants from

HOLOGIC The Science of Sure | Integrated GENETICS LabCorp Specialty Testing Group | SAMSUNG

8:00 am – 5:00 pm

Wednesday Postgraduate Courses (See Pages 28-33)

12:00 – 1:00 pm Center Prefunction

Cash and Carry Lunches Available

12:00 – 1:00 pm Texas 4-6

Expect More with Noninvasive Prenatal Screening

Sponsored by Myriad Genetics. This independent presentation is not part of the official program as planned by the SMFM Program Committee.

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12:00 – 3:00 pm San Antonio 1-3

Course for MFM Program Directors: A Forum to Share and Exchange Ideas for Improving your Fellowship

3:00 – 4:00 pm Texas 4

Residents Forum

3:00 – 5:30 pm

Scientific Forums (See Pages 34-40)

3:00 – 5:30 pm Texas 1

SMFM Special Topic Forum: Implicit Bias

5:00 – 6:30 pm San Antonio 1-3

MFM Program Directors Meeting

5:30 – 7:00 pm Texas 4

Diversity Reception Connect with other MFMs interested in issues related to diversity and inclusion. Food and beverage sponsored by AMAG.

amag PHARMACEUTICALS

6:00 – 8:00 pm Longhorn Hall D-F

Opening Reception with Exhibits The place to be for all attendees for the official kick-off on the Pregnancy Meeting. Mix and mingle with old friends and colleagues and meet new ones over drinks and lite hor d'oeuvres. Sponsored by Myriad Genetics.

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POSTGRADUATE COURSES

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

Hands-On Workshop for Ultrasound Guided Invasive Procedures | 8:00 am – 12:30 pm

Course Directors: Brian Brost, MD and Joshua Nitsche, MD, PhD
Course Faculty: Linda Street, MD; Peter Napolitano, MD; Kristina Shumard, MD; Elisabeth Codsi, MD; Mallory Alkis, MD; Melissa Kozakiewicz, MD; Sarah Shepard, DO; Sarah White, MD
CME: Up to 4 credits available *
Location: Grapevine 4-6

Learning Objectives	1. To familiarize the participants with available options for simulating ultrasound-guided invasive procedures.
	2. To introduce the participants to curricula specific for different ultrasound-guided invasive procedures.
	3. To provide novice participants with instruction on the basics of ultrasound-guided invasive procedures.
	4. To train experienced providers on how to establish an ultrasound-guided invasive procedure simulation program at their institution.
	5. To demonstrate how simulation can be used by experienced providers to maintain skill with low-frequency procedures.

8:00 – 8:15 am	Introduction to Ultrasound-Guided Invasive Procedure Simulation	Brost/Nitsche
8:15 – 8:45 am	Ultrasound Guidance Basics	Course Faculty
8:45 – 9:15 am	Ultrasound Guidance Targeting Tasks	Course Faculty
9:15 – 10:00 am	Hands-On Simulation-Round 1 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
10:00 – 10:30 am	Break	
10:30 – 11:15 am	Hands-On Simulation-Round 2 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
11:15 am – 12:00 pm	Hands-On Simulation-Round 3 Amniocentesis Chorionic Villus Sampling In-Utero Stenting	Course Faculty
12:00 – 12:30 pm	Wrap-Up and Free Practice Time	Brost, Nitsche

Patient Safety Toolbox: Practical Tips for Implementing Safety Bundles, Checklists and OB Safety Programs | 8:00 am – 2:00 pm

Course Directors: C. Andrew Combs, MD, PhD and Christian Pettker, MD
Course Faculty: Christina Davidson, MD; Afshan Hameed, MD; Larry Shields, MD; Peter Bernstein, MD, MPH
CME: Up to 4.5 credits available *
Location: Texas 3

Learning Objectives	1. Understand the concepts behind and evidence for comprehensive OB safety programs.
	2. Discuss specific strategies to improve OB patient safety.
	3. Understand metrics used to evaluate OB quality and safety.
	4. Prepare MFMs to be patient safety leaders at their institutions.

8:00 – 8:15 am	The Implementation Gap – Too Many Bundles, Not Enough Time	Combs
8:15 – 8:30 am	Adverse Event Videos	Combs
8:30 – 8:55 am	Toolkit for Implementing Bundles	Bernstein
8:55 – 9:20 am	Implementing a Bundle for Safe Reduction of Primary Cesarean	Hameed
9:20 – 9:45 am	Implementation of Action Programs for Maternal Early Warning Signs	Shields
9:45 – 10:00 am	Panel Q and A	Course Faculty
10:00 – 10:30 am	Break	
10:30 – 10:45 am	Measuring Quality and Safety	Combs
10:45 – 11:10 am	Establishing a Severe Maternal Morbidity Review Committee	Davidson
11:10 – 11:30 am	Creating a Cardiovascular Disease Screening program	Hameed
11:30 – 11:45 am	Checklists and How to Use Them	Combs
11:45 am – 12:00 pm	Panel Q and A	Course Faculty
12:00 – 1:00 pm	Lunch	
1:00 – 1:25 pm	The Model for Improvement: Teams, Aims, Measures and the PDSA Cycle	Pettker
1:25 – 1:50 pm	Changing Behavior, Changing Culture	Bernstein
1:50 – 2:00 pm	Panel Q and A	Pettker/Bernstein

Quality Metrics in Obstetrics: Why, What, and How to Incorporate Them into Your Practice | 8:00 am – 12:00 pm

Course Directors: Bryann Bromley, MD MBA
Course Faculty: Allison Bryant Mantha, MD, MPH; Mark Clapp, MD, MPH; Thomas Westover, MD; Loralei Thornburg, MD; Christian Pettker, MD; Jean Spitz, MPH; Dena Goffman, MD
CME: CME for this postgraduate course is available through the Perinatal Quality Foundation. Instructions for claiming the credits will be provided by the course directors during the session.
Location: Grapevine B

Learning Objectives	1. Describe key performance measures and quality improvement initiatives in obstetrics.
	2. Compare and contrast quality metrics in OB subspecialty areas.
	3. Explain requirements regarding performance measures and quality improvement in Ob/Gyn residency and fellowship programs.
	4. Investigate race disparity in obstetric outcomes.
	5. Discuss individualized ways to bring quality measures into practice.

8:00 – 8:05 am	Welcome	Bromley, Thornburg, Spitz
8:05 – 8:30 am	What is Quality?	Goffman
8:30 – 9:00 am	Diagnostic Errors: (How) Can We Reduce Maternal Harm?	Westover
9:00 – 9:30 am	ACGME and Quality: What Do Our Residents and Fellows Really Need to Know?	Thornburg
9:30 – 10:00 am	Incorporating Health Care Inequities in Quality Improvement	Bryant
10:00 – 10:30 am	Break	
10:30 – 11:00 am	Measuring What Matters: Balancing Maternal and Neonatal Outcomes in Obstetric Quality Metrics	Clapp
11:00 – 11:30 am	Quality on L and D: How Do We Make Labor and Delivery Safe?	Pettker
11:30 – 11:55 am	Quality in Fetal Imaging: Where Should Our Focus Be?	Bromley
11:55 am – 12:00 pm	Closing Comments	Spitz

The Role of Ultrasound in the Management of Intrapartum Complications | 8:00 am – 2:30 pm

Course Directors: Vincenzo Berghella, MD; Torbjorn Eggebo, MD, PhD; Tullio Ghi, PhD
Course Faculty: Yinon Gilboa, MD; Birgitte Kahrs, MD; Alexis Gimovsky, MD; Federica Bellussi, MD
CME: Up to 4.5 credits available *
Location: Grapevine A

Learning Objectives	1. Refine the management of labor and intrapartum complications based on ultrasound findings.
	2. Work with an ultrasound friendly mannequin to train clinical and sonographic skills in case of instrumental vaginal delivery.
	3. Demonstrate the usefulness of ultrasound in the diagnosis and management of postpartum hemorrhage.
	4. Obtain the sonographic images which allow to define fetal head position and station.
	5. Understand why and when labor ultrasound is clinically indicated.

8:00 – 8:10 am	Welcome and Introductions	Berghella
8:10 – 8:30 am	Intrapartum Ultrasound: Why is it Important?	Berghella
8:30 – 9:00 am	Intrapartum Ultrasound: How to Scan, Strengths and Limitations with Ultrasound Methods	Eggebo
9:00 – 9:10 am	Discussion: Experience with Different Methods	Faculty
9:10 – 9:30 am	The Role of Ultrasound in the Modern Labor Ward Simulation	Ghi
9:30 – 9:40 am	Q and A Panel	Faculty
9:40 – 10:00 am	Ultrasound in the First Stage of Labor	Eggebo
10:00 – 10:30 am	Break	
10:30 – 10:50 am	Malpositions and Malpresentations	Ghi
10:50 – 11:10 am	The Sonographic Coaching During Maternal Pushing	Gilboa
11:10 – 11:30 am	Ultrasound Before Instrumental Vaginal Delivery	Kahrs
11:30 – 11:50 am	Ultrasound to Decide Between CS and OVD in the 2nd Stage	Gimovsky
11:50 am – 12:00 pm	Q and A Panel	Faculty

1:00 – 1:20 pm	Labor Ultrasound Guidelines	Ghi
1:20 – 1:40 pm	Ultrasound in the Diagnosis and Management of Postpartum Hemorrhage	Berghella
1:40 – 2:00 pm	Ultrasound in the Diagnosis of OASIS	Bellussi
2:00 – 2:30 pm	Q and A Panel	Faculty

Update on Prenatal Genetics: Application of New Technologies | 8:00 am – 3:00 pm

Course Directors: Mary Norton, MD and Brian Shaffer, MD
Course Faculty: Britton Rink, MD; Lorraine Dugoff, MD; Ronald Wapner, MD; Ignatia Van den Veyver, MD
CME: Up to 5.5 credits available *
Location: Grapevine D

Learning Objectives	1. Understand basic and complex modes of inheritance and how they impact prenatal genetic testing.
	2. Integrate understanding of genomic sequencing into application of prenatal genetic testing.
	3. Provide care for pregnant patients with genetic disorders.
	4. Develop an optimal approach to genetic evaluation of fetal structural anomalies.

8:00 – 8:40 am	Mendelian and Non-Mendelian Modes of Inheritance	Norton
8:40 – 9:20 am	Genetic Technologies: What You Need to Know About the Basis of Testing	Van Den Veyver
9:20 – 10:00 am	Maternal Genetic Disease: Optimizing Care for Pregnant Women With Genetic Disorders	Rink
10:00 – 10:30 am	Break	
10:30 – 11:00 am	Cell Free DNA Screening	Norton
11:00 – 11:30 am	Expanded Carrier Screening	Shaffer
11:30 am – 12:00 pm	cfDNA and ECS: Interesting Cases and Q and A	Faculty Panel
12:00 – 1:00 pm	Lunch	
1:00 – 1:40 pm	Chromosomal Microarray Analysis	Dugoff
1:40 – 2:20 pm	Exome and Genome Sequencing in Prenatal Diagnosis	Wapner
2:20 – 2:45 pm	Microarray and Exome Sequencing: Interesting Cases	Faculty Panel
2:45 – 3:00 pm	Q and A	Course Faculty

"MED Talks" - Brief, Focused Reviews of Hot MFM Topics | 8:00 am – 12:00 pm

Course Directors: Manisha Gandhi, MD and Nathan Fox, MD
Course Faculty: Andrei Rebarber, MD; Karin Fox, MD, Med; Cornelia Graves, MD; Johanna Quist-Nelson, MD; Roberto Romero, MD, DMedSci; Joanne Stone, MD, MS; Emily Miller, MD, MPH; Torri Metz, MD, MSCR; Catherine Eppes, MD; Mark Turrentine, MD
CME: Up to 3.5 credits available *
Location: Grapevine C

Learning Objectives	1. Broaden knowledge of MFM topics that lack clear guidelines for management or have new evidence suggesting a need for change in guidelines.
	2. Describe alternatives to current management of high-risk pregnancies.
	3. Demonstrate understanding of the complexities of care of some common obstetrical conundrums.

Part 1: Surgical Care		
8:00 – 8:15 am	Emergency Cerclage Technique and Perioperative Care	Rebarber
8:15 – 8:30 am	Cesarean Techniques for the Super Obese	Fox
8:30 – 8:45 am	New Approaches for Management of Obstetrical Hemorrhage/DIC	Graves
8:45 – 9:00 am	Q and A	Course Faculty
Part 2: Preterm Birth		
9:00 – 9:15 am	Preterm PROM – When Should We Deliver?	Quist-Nelson
9:15 – 9:30 am	Preventing Preterm Birth in Twins	Gandhi
9:30 – 9:45 am	What Progestogen for What Indication to Prevent Preterm Birth?	Romero
9:45 – 10:00 am	Q and A	Course Faculty
10:00 – 10:30 am	Break	
Part 3: Prenatal Care		
10:30 – 10:45 am	Early Anatomy Ultrasounds – Is it Cost Effective?	Stone
10:45 – 11:00 am	Metformin Versus Insulin	Turrentine
11:00 – 11:15 am	SSRIs in Pregnancy: Are We Asking the Right Questions?	Miller
11:15 – 11:25 am	Q and A	Course Faculty
Part 4: Infections		
11:25 – 11:40 am	CMV in Pregnancy	Metz
11:40 – 11:55 am	Measles, Measles, Measles	Eppes
11:55 am – 12:00 pm	Q and A	Course Faculty

African Coalition: Addressing Obstetrical Hemorrhage | 9:00 am – 12:00 pm

In this session, we will hear from multiple presenters on obstetric hemorrhage. We will also discuss a future grant application for a meeting of U.S.-based and African-based researchers to outline research priorities for addressing obstetric hemorrhage. Finally, we will discuss ways that the group can work together to collect preliminary data on obstetric hemorrhage.

Course Director: Elizabeth Stringer, MD
Course Faculty: Homa Ahmadzia, MD, MPH and Scott Petersen, MD
CME: There is no CME credit available for this course
Location: San Antonio 4-6

8:30 – 9:00 am	Welcome and Introductions	Faculty
9:00 – 9:20 am	Case Report Hemorrhage from Nairobi, Kenya	ObGyn Program University of Nairobi
9:20 – 9:40 am	Update on Tranexamic Acid Use in Obstetrics	Ahmadzia
9:40 – 10:00 am	R13 Proposal: Global Women's Health Hemorrhage Task Force	Stringer and Ahmadzia
10:00 – 10:30 am	Presentation of AIM Study on Hemorrhage in Malawi	Peterson
10:30 – 11:15 am	Small Group Discussions	All
11:15 am – 12:00 pm	Panel Discussion on Hemorrhage Studies in LMIC	Faculty

Course for MFM Program Directors - A Forum to Share and Exchange Ideas for Improving Your Fellowship | 12:00 – 3:00 pm

Course Faculty: Judith Chung, PhD, MD; Torri Metz, MD, MSCR; Cynthia Gyamfi-Bannerman, MD, MSc; Dotun Ogunyemi, MD; Joanne Stone, MD, MS; Loralei Thornburg, MD; Erika Werner, MD
Location: San Antonio 1-3
The course content is targeted to all program directors, irrespective of experience. Any interested program director or associate program director may attend.

Learning Objectives	1. To create networks of new and experienced fellowship program directors.
	2. To learn about ideas that may help to improve your fellowship.
	3. To share ideas with other program leaders regarding your experience on what works and what doesn't work in your Fellowship.

12:00 – 12:10 pm	Welcome and Introductions	Chung and Metz
12:10 – 12:30 pm	Large Group Discussion on the Struggling Trainee	Ogunyemi
12:30 – 12:50 pm	Large Group Discussion on ACGME Part VI: Teaching Quality and Safety	Thornburg
12:50 – 1:00 pm	Break	All
1:00 – 1:40 pm	Small Group Discussion #1	All
1:40 – 1:50 pm	Break and Rotate to Group #2	All
1:50 – 2:30 pm	Small Group Discussion #2	All
2:30 – 3:00 pm	Summaries	Small Group Leaders

SCIENTIFIC FORUMS | 3:00 – 5:30 PM

SMFM Thrive

Forum Leader: Heather S. Lipkind, MD, MS
Location: San Antonio 6

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:15 pm	Introduction and Work on SMFM Thrive Over the Past Year	Heather S. Lipkind, MD, MS; Francine Hughes, MD
3:15 – 3:45 pm	Moving Beyond Problems to Solutions: Perspective from an MFM/Life Coach	Linda Street, MD
3:45 – 4:15 pm	Accessible Tools and Resources for Improving Well-Being	Dena Goffman, MD
4:15 – 4:45 pm	Helping Others Thrive	Judette Louis, MD, MPH
4:45 – 5:30 pm	Panel Discussion	Ralph (Nick) Burns, MD; Fei Cai, MD; Christian Pettker, MD; Christopher Robinson, MD, MSCR; Blair Wylie, MD, MPH; Erika F. Werner, MD; Dena Goffman, MD; Tony Sciscione, DO; Joshua Copel, MD

Critical Care

Forum Leader: Torre Halscott, MD, MSCR
Location: Grapevine 1

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:20 pm	How to Recognize the Critically Ill Mother	Torre Halscott, MD, MSCR
3:20 – 5:30 pm	Case Presentations	Kavita Narang, MD; Sarah Smiley, MD; Brad Sipe, MD; Emily Oliver, MD; Jessian Munoz, MD; Meghana Limaye, MD; Tieg Beazer, MD; Taylor Norton, MD; Ponnila Marinescu, MD; Stephanie Hollenbach, MD; Laurence Carmant, MD

Diabetes

Forum Leader: Lynn Yee, MD, MPH
Location: San Antonio 6

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:20 pm	Welcome Introduction to Technology and Diabetes	Lynn Yee, MD, MPH
3:20 – 4:00 pm	Diabetes Technologies for Glycemic Monitoring and Insulin Delivery	Camille Powe, MD
4:00 – 4:40 pm	Optimizing the Nudge: Application and Customization of Text Messaging for Glycemic Control	Christina Yarrington, MD
4:40 – 5:20 pm	Apps and Smartphones: Will Technology Improve Patient Motivation and Engagement?	Sarah Crimmins, DO
5:20 – 5:30 pm	Wrapping Up and Future Directions	Lynn Yee, MD, MPH

Fetal Cardiology

Forum Leader: Greggory R. DeVore, MD
Location: San Antonio 5

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:45 pm	Review of the Guidelines for Screening Examination of the Fetal Heart and Fetal Echocardiography	Wesley Lee, MD
3:45 – 4:30 pm	Fetal Cardiac Doppler - A Practical Approach for the Maternal-Fetal Medicine Specialist	Edgar Hernandez Andrade, MD
4:30 – 5:15 pm	Speckle Tracking Analysis of Fetal Cardiac Size, Shape, and Function: "The New Kid on the Block"	Greggory R. DeVore, MD
5:15 – 5:30 pm	Questions	All

Genetics

Forum Leader: Teresa Sparks, MS, MAS
Location: Texas 2

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:15 pm	Welcome	Teresa Sparks, MD, MAS
3:15 – 4:15 pm	Cases and Counseling: Expanded Carrier Screening	Teresa Sparks, MD, MAS
4:15 – 5:15 pm	Cases and Counseling: Exome Sequencing	Angie Jelin, MD

Global Health

Forum Leaders: Kelli D. Barbour, MD, MSc and Adetola Louis-Jacques, MD
Location: Dallas 3

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:10 pm	Welcome and Introduction	Kelli D. Barbour, MD, MSc; Adetola Louis-Jacques, MD
3:10 – 3:30 pm	Global Health Opportunities in Residency	Lisa Nathan, MD
3:30 – 3:50 pm	Global Health Opportunities in Fellowship	Benjamin Chi, MD
3:50 – 4:10 pm	How to Optimize Global Health Opportunities	Alfred Osoti, MD
4:10 – 4:30 pm	Collaborative Approaches in Global Health Practice	Stephen Rulisa, MD, PhD; Maria Small, MD
4:30 – 4:50 pm	Local Global Health Opportunities	Jack Ludmir, MD
4:50 – 5:20 pm	Panel on Global Health Opportunities at All Levels of Training and Practice	Speakers from Previous Sessions
5:20 – 5:30 pm	Wrap Up and Looking to Next Year	Kelli D. Barbour, MD, MSc; Adetola Louis-Jacques, MD

Hypertension

Forum Leader: Mark Santillan, MD, PhD
Location: Texas 3

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:15 pm	Introduction	Mark Santillan, MD, PhD
3:15 – 4:00 pm	From ASPRE to FIGO: Implementation of Preeclampsia Screening and Prevention	Liona Poon, MBBS, MRCOG, MD, Cert RCOG
4:00 – 4:45 pm	Management of Hypertension in Pregnancy post-CHIPS (Control of Hypertension in Pregnancy) Trial	Laura Magee, MD, MSc
4:45 – 5:30 pm	The "Fourth Trimester" and Preventing Future Cardiovascular Disease in Women	Hyagriv N. Simhan, MD, MS

Infection and Inflammation in Pregnancy

Forum Leader: Catherine Eppes, MD, MPH
Location: Fort Worth 3

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:15 pm	Introduction	Carey Eppes, MD, MPH
3:15 – 4:00 pm	Congenital Syphilis, Why Does it Keep Coming Back?	Irene Stafford, MD; Martha Rac, MD
4:00 – 4:40 pm	Measles in Pregnancy	Emily Adhikiri, MD
4:40 – 5:15 pm	Sepsis	Jenny McKinney, MD, MPH
5:15 – 5:30 pm	Q and A and Closing	Carey Eppes, MD, MPH

Labor and Delivery

Forum Leader: Vincenzo Berghella, MD
Location: Grapevine A

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:20 pm	Fetal Monitoring	Edwin Chandraharan, MD
3:20 – 3:40 pm	Oxygen for Intrapartum Fetal Resuscitation: No, Thank You	Nandini Raghuranan, MD, MS
3:50 – 4:05 pm	Second Stage: Latest Evidence on Maneuvers	Gabriele Saccone, MD; Rebecca Pierce-Williams, DO
4:05 – 4:30 pm	Second Stage: To Push or Not to Push	Allison Cahill, MD, MSCI
4:30 – 4:55 pm	Latest Cesarean Techniques and Pain Management	Vincenzo Berghella, MD; Laura Felder, MD
4:55 – 5:20 pm	Teamwork and Communication	Jason Baxter, MD, MSCP

Maternal-Fetal Surgery

Forum Leader: Ramesha Papanna, MD, MPH
Location: Texas C

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:20 pm	Spontaneous Twin Anemia Polycythemia Sequence: Are We There for Routine Screening?	Ramesha Papanna, MD, MPH
3:20 – 3:30 pm	Introduction to In-Utero Spina Bifida Repair Audience Pre-Survey	Ramesha Papanna, MD, MPH
3:30 – 3:50 pm	Open In-Utero Spina Bifida Repair - Optimizing Long-Term Outcomes for the Fetus	Scott Adzick, MD
3:50 – 4:10 pm	MOMS Trial Design - Why Does it Matter?	Elizabeth Thom, PhD
4:10 – 4:30 pm	Fetoscopic Spina Bifida Repair - A Viable Alternative to the Open Hysterotomy Approach	Michael Belfort, MD, PhD
4:30 – 5:00 pm	Q and A, Audience Post-Survey	All
5:00 – 5:30 pm	Update on Ongoing Trials • M281 for Hemolytic Diseases of the Fetus and Newborn • Renal Anhydramnios Fetal Therapy (RAFT)	Kenneth J Moise Jr., MD; Eric B. Jelin, MD

Obesity in Pregnancy

Forum Leader: Patrick Catalano, MD
Location: San Antonio 4

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:45 pm	Can Weight Control Programs for Improve Pregnancy Outcomes for Patients that are Overweight or Obese?	Alan Peaceman, MD
3:45 – 4:30 pm	Placental Burden of Obesity and Dysmetabolism	Amy Valent, DO
4:30 – 5:15 pm	BMI, Breastfeeding, and Health Beyond Pregnancy	Nicole Marshall, MD, MSCR

Obstetric Quality and Safety

Forum Leader: Amy Hermesch, MD, PhD
Location: Grapevine 3

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:40 pm	Quality and Birth Equity	Elliott K. Main, MD
3:40 – 3:50 pm	Q and A	All
3:50 – 4:30 pm	OB Quality Initiatives in Rural Areas: Challenges and Strategies	Curtis Lowery, MD
4:30 – 4:40 pm	Q and A	All
4:40 – 5:20 pm	Induction of Labor: Cost Effectiveness and Safety	David C. Lagrew, Jr., MD
5:20 – 5:30 pm	Q and A	All

Perinatal Epidemiology

Forum Leaders: Jacob Larkin, MD and Edward Springel, MD
Location: Dallas 4

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:40 pm	Drug Use in Pregnancy	Marcela Smid, MD, MS
3:40 – 4:20 pm	Decision Analytic Techniques in Obstetric Research	Aaron Caughey, MD, PhD
4:20 – 5:00 pm	Pregnancy as a Window to Long Term Cardiovascular Health	Alisse Hauspurg, MD

Perinatal Mental Health

Forum Leaders: Heather Straub, MD and Nicole Smith, MD, MPH
Location: Dallas 1

Time of Presentation	Title of Presentation	Speaker
3:10 – 3:40 pm	Moving from Perinatal Mental Health Screening to Treatment and Beyond: Innovative Approaches to Improving Systems of Care	Nancy Byatt, MD
3:40 – 3:50 pm	Q and A	All
3:50 – 4:20 pm	The Cutting Edge: Developmental Origins of Psychiatric Disease	Heather Burris, MD, MPH
4:20 – 4:30 pm	Q and A	All
4:30 – 4:50 pm	Perinatal Palliative Care	Heather Straub, MD
5:00 – 5:20 pm	Brexanolong: How Well Does It Really Work?	Nicole Smith, MD, MPH
5:20 – 5:30 pm	Q and A	All

Placenta Accreta Spectrum

Forum Leaders: Karin Fox, MD and Brett Einerson, MD, MPH
Location: Dallas 2

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:10 pm	Welcome and Introductions	Karin Fox, MD; Brett Einerson, MD, MPH
3:10 – 3:25 pm	FIGO Classification System to Provide Standards for Clinical Care and Research	Sally Collins, MD, PhD
3:25 – 3:55 pm	Standardization of Pathology Reporting of PAS - Where are We and Where Do we Need to Go?	Linda Ernst, MD
3:55 – 4:20 pm	Conservative Management - Practical Pointers	Sally Collins, MD, PhD
4:20 – 4:45 pm	Novel Mechanisms from a Mouse Model of PAS	Helen Jones, PhD
4:45 – 5:10 pm	Seeing PAS through a Different Lens - The Patient Perspective	Kristen Terlizzi
5:10 – 5:30 pm	Pan-American PAS Consortium Research and REBOA Registry Updates	Brett Einerson, MD, MPH; Karin Fox, MD

Pregnancy as a Window to Future Health

Forum Leader: Elizabeth Langen, MD
Location: Fort Worth 4

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:50 pm	Looking through the Window: Future Impact of Prenatal Genetic Screening and Diagnosis	Shilpa Chetty, MD
3:50 – 4:40 pm	Opening the Window: Impact of Fetal Surgery on Future Health	Deborah Berman, MD
4:45 – 5:30 pm	Building Better Maternal Care: Discussion of How to Build Better Postpartum Care for Women with Maternal Complications of Pregnancy	Kathleen Brookfield, MD, PhD; Elizabeth Langen, MD

Preterm Labor

Forum Leader: Sonia Hassan, MD
Location: Texas 5

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:10 pm	Introduction	Sonia S. Hassan, MD
3:10 – 3:30 pm	The Genetic Architecture of Cervical Length	Hope Wolf
3:30 – 3:40 pm	Q and A	All
3:40 – 5:30 pm	17-alpha Hydroxyprogesterone Caproate for the Prevention of Recurrent Preterm Birth: Where Do We Go from Here?	Sean Blackwell, MD; David Nelson, MD; Barbara Wesley, MD, MPH

Toxicology and Substance Use Disorders in Pregnancy

Forum Leaders: Jaye Shyken, MD; Lorraine Milio, MD; and Courtney Townsel, Md, MSc
Location: Dallas 2

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:10 pm	Welcome/Introduction	Jaye Shyken, MD; Courtney Townsel, MD, MSc
3:10 – 3:45 pm	Addressing OUD at the State Level: The Role of MFM	Ann Borders, MD, MPH, MSc
3:45 – 4:20 pm	HCV and the Fourth Trimester	Mona Prasad, DO, MPH
4:20 – 4:55 pm	Role of Substance Use in the Maternal Mortality Crisis	Torri Metz, MD, MS
4:55 – 5:25 pm	Interactive Panel Discussion: Maternal Substance Use Epidemic - The Role of the MFM, Lessons Learned from State Interventions and the Fourth Trimester	Ann Borders, MD, MPH, MSc; Mona Prasad, DP, MPH; Torri Metz, MD, MS
5:25 – 5:30 pm	Closing Remarks	Jaye Shyken MD; Courtney Townsel, MD, MSc

Ultrasound

Forum Leader: Sarah Običan, MD
Location: Dallas 6

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:10 pm	Introduction	Sarah Običan, MD
3:10 – 3:50 pm	Detailed First Trimester Fetal Anatomic Imaging: A Systematic Approach	Bryann Bromley, MD, MS
3:50 – 4:30 pm	First Trimester Cardiac Evaluation	Elena Sinkovskaya, MD, PhD
4:30 – 5:10 pm	Non-Chromosomal Associations of Increased Nuchal Translucency	Anthony Odibo, MD, MSCE
5:10 – 5:30 pm	Cases/Discussion	All

SMFM SPECIAL TOPIC FORUM

Mitigating Implicit Bias: Tangible Skills and Tools to Reduce Maternal and Fetal Health Disparities

Forum Leader: Sarahn Wheeler, MD
Location: Texas 1

Inequities in maternal outcomes are well documented. These inequities stem from multiple etiologies. This forum is geared to the entire SMFM membership and will provide tangible skills and tools to: 1) mitigate implicit biases and 2) cultivate a diverse and inclusive workplace environment. We will focus on tools ranging from: 1) basic diversity and inclusion terminology; 2) bystander interventions; and 3) lessons learned from diversity and inclusion initiatives. The special forum will be immediately followed by the Diversity and Inclusion Committee Reception focused on mentorship for under-represented trainees and faculty.

Time of Presentation	Title of Presentation	Speaker
3:00 – 3:15 pm	Introduction	Aviva Lee-Parritz, MD
3:15 – 4:15 pm	Tangible Skills and Tools to Reduce Maternal and Fetal Health Disparities	Sarahn Wheeler, MD
4:15 – 5:30 pm	Panel Discussion	Allison Bryant, MD, MPH; Kacey Eichelberger, MD; Sarah Kilpatrick, MD, PhD

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Cincinnati Fetal Center

Experts in Treating Complex Fetal Cases

We offer an atmosphere of innovation, compassion, and hope for patients and families facing complex fetal conditions. Our team offers care and interventions, such as fetoscopic myelomeningocele (MMC) repair and fetoscopic endoluminal tracheal occlusion (FETO), along with strong outcomes.

CDH 80%
Survival to discharge for severe CDH after FETO

TTTS 93%
Survival of at least 1 twin
~1,150 SFLPs performed

MMC 85
Prenatal MMC repairs &
37% vaginal delivery rate
after fetoscopic procedure

CINCINNATI FETAL CENTER IS GROWING

The Cincinnati Fetal Center (CFC) is expanding and growing to provide a comprehensive medical home for mothers facing the most complex fetal conditions.

In July, the CFC opened two dedicated ORs and a Special Delivery Unit allowing mothers to recover down the hall from our top-ranked NICU and CICU.

Join us in booth #121 to discuss your case

CINCINNATI CHILDREN'S TRIHEALTH UNIVERSITY OF CINCINNATI MEDICAL CENTER

Foundation for SMFM

Advancing care in pregnancy through research and education

We administer scholarships and grants that are available to members of the Society for Maternal-Fetal Medicine at various stages in their careers.

SMFM/AAOGF SCHOLARS PROGRAM

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

BRIDGE FUNDING AWARD

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

GARITE MINI-SABBATICAL GRANT

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

DANIELLE PERESS, MD MEMORIAL FUND

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

QUILLIGAN SCHOLARS PROGRAM

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

QUEENAN FELLOWSHIPS FOR GLOBAL HEALTH

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

TO LEARN MORE OR TO APPLY FOR THESE AND OTHER PROGRAMS, PLEASE CONTACT US AT FOUNDATION@SMFM.ORG OR VISIT OUR WEBSITE FOUNDATIONFORSMFM.ORG

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WHERE TO FIND US AT THE MEETING

Visit us near meeting registration to learn about our programs or make a donation.

FOUNDATION-FUNDED RESEARCHERS* AT SMFM 2020

147 POSTERS

165 PRESENTATIONS

18 ORALS

13.4%
(165/1,230 ACCEPTED ABSTRACTS)
of the research presented at this meeting included Foundation-supported authors

Look for this ribbon at posters of Foundation presenting authors.

53 AUTHORS (ALL ROLES)

ONE WITH **19** POSTERS

ONE WITH **4** ORAL PRESENTATIONS

ATTEND THESE SESSIONS WHERE FOUNDATION AWARDEES* ARE PRESENTING AUTHORS

Name	Session	Abstract #
THURSDAY, FEBRUARY 6		
Angela Burgess	Opening Plenary	5
Kristin Gerson	Oral Concurrent 1	12
Samuel Parry	Oral Concurrent 1	15
Nandini Raghuraman	Oral Concurrent 3	32
Martha Tesfalul	Poster Session I	119
Victoria Greenberg	Poster Session I	143
Ashley Hesson	Poster Session I	165, 166
Jessica Page	Poster Session I	181
Kristin Gerson	Poster Session I	183
Sarah Rae Easter	Poster Session I	220
Tooba Anwer	Poster Session I	229
Nandini Raghuraman	Poster Session I	250
D'Angela Pitts	Poster Session I	251
Kartik Venkatesh	Poster Session I	256
Angela Burgess	Poster Session I	258
Anne Honart	Poster Session I	285
E. Nicole Teal	Poster Session II	346
Kristin Gerson	Poster Session II	378
Mark Clapp	Poster Session II	393
Kartik Venkatesh	Poster Session II	535
Victoria Greenberg	Poster Session II	547
FRIDAY, FEBRUARY 7		
Maria Andrikopoulou	Oral Concurrent 5	61
Emily Miller	Oral Concurrent 5	63

Name	Session	Abstract #
FRIDAY, FEBRUARY 7, continued		
Gina Milone	Poster Session III	561
Emily Oliver	Poster Session III	566
Mark Clapp	Poster Session IV	788
Maria Andrikopoulou	Poster Session IV	790
Gina Milone	Poster Session IV	877
Sarah Rae Easter	Poster Session IV	884
Samuel Parry	Poster Session IV	905
Yalda Afshar	Poster Session IV	907
Jessica Page	Poster Session IV	936, 937
Emily Miller	Poster Session IV	984
Mandeep Sura	Poster Session IV	985
Nandini Raghuraman	Poster Session IV	987, 988
SATURDAY, FEBRUARY 8		
Bobby Brar	Poster Session V	1028
Natasha Kumar	Poster Session V	1030
Jia Jennifer Ding	Poster Session V	1042
Jacqueline Parchem	Poster Session V	1133, 1134
Ashley Hesson	Poster Session V	1154
Emily Oliver	Poster Session V	1161
Kartik Venkatesh	Poster Session V	1163
Aleha Aziz	Poster Session V	1185
Courtney Mitchell	Poster Session V	1205
Jessica Page	Poster Session V	1206

** current and past awardees*

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BRIDGE BUILDER AWARD

Society of Family Planning & SFP RESEARCH FUND

Society for Maternal•Fetal Medicine
High-risk pregnancy experts

GRANT FUNDING AVAILABLE

Applications are Due March 2

The Society for Maternal-Fetal Medicine and Society of Family Planning are pleased to announce the 2020 Bridge Builder Award. This funding opportunity of up to $23,500 will support an SMFM member(s) who will build connections and cultivate dynamic relationships among the two memberships. The award application is available online (http://bit.ly/BridgesSFP) and all applications are due on March 2, 2020.

Thursday

FEBRUARY 6

6:00 – 7:00 am Palomino 1

Yoga First timers and experts are welcome in classes led by Dr. Shilpa Babbar. Registration is required.
Sponsored by

UTHealth | McGovern Medical School — The Fetal Center — Children's Memorial Hermann

6:00 – 7:30 am San Antonio 4-6

Perinatal Nutrition Special Interest Group
Expert clinicians and researchers coming together to discuss key issues in perinatal nutrition. Opportunities for coalition building and follow-up after the meeting.

6:00 – 7:30 am Center Prefunction

Continental Breakfast

7:00 am – 5:00 pm Austin 2-3

Mothers Lounge

7:00 am – 5:00 pm Austin 1

Speaker Ready Room

7:00 am – 5:00 pm Dallas 7

VIP Lounge Society and Foundation for SMFM VIPs can relax, connect, and network in a private space with wifi and light refreshments.

7:00 am – 5:00 pm Longhorn Registration E

Poster Printing Pick-Up

7:00 am – 6:00 pm Yellowrose Ballroom

Childcare Services

7:30 – 7:45 am Grapevine Ballroom

Welcome, President's Address, Lifetime Achievement Awards, Program Chair Address

7:45 – 8:00 am Grapevine Ballroom

Special Presentation by Nina Martin, Reporter, ProPublica

8:00 – 10:00 am Grapevine Ballroom

Oral Plenary Session I

10:00 – 10:30 am Grapevine Ballroom

Late-Breaking Research Presentations (LB01-LB02)

10:30 am – 12:00 pm Longhorn Hall D-F

Poster Session I (Abstracts 101-325)

10:30 am – 5:30 pm Longhorn Hall D-F

Exhibit Hall Open

11:30 am – 1:00 pm

Special Focus Groups

- Armed Forces MFM Network (San Antonio 2-3)
- Research Support Personnel and Investigators (San Antonio 4-6)
- Gender Equity in Physician Compensation (Texas 5-6)

12:00 – 1:00 pm

Luncheon Roundtables

12:00 – 1:00 pm Texas D

Improving Twin Outcomes Through the Use of SNP-based NIPT Sponsored by Natera. These independent presentations are not part of the official program as planned by the SMFM Program Committee.

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12:00 – 1:00 pm Texas C

A Novel Strategy Targeting the Neonatal Fc Receptor to Treat Allo- and Autoimmune Diseases of the Fetus and Newborn
Sponsored by Momenta. This independent presentation is not part of the official program as planned by the SMFM Program Committee.

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1:15 – 3:45 pm

Oral Concurrent Sessions

- Session 1: Prematurity (Abstracts 9-18) Grapevine 4-6, B, D
- Session 2: Hypertension (Abstracts 19-28) Grapevine A, 1-3
- Session 3: Labor (Abstracts 29-38) Grapevine C

3:45 – 5:15 pm Longhorn Hall D-F

Poster Session II (Abstracts 326-550)

5:00 – 6:00 pm Appaloosa 2

Pro-Life MFMs All interested MFMs are invited to this annual opportunity for discussion, collaboration, and networking on how to manage high-risk pregnancies with a focus on maximizing fetal life.

5:15 – 6:00 pm Texas 1-2

Meet-the-Fellows Reception
Sponsored by Obstetrix Medical Group/MEDNAX

OBSTETRIX MEDICAL GROUP an affiliate of MEDNAX

6:00 – 8:00 pm Grapevine Ballroom

There's Something about SMFM: Celebrating 40 years of the Pregnancy Meeting and Honoring Dr. Mary D'Alton

ORAL SESSION I, PLENARY (ABSTRACTS 1-8)

■ = Presenting Author

Time	Abstract Number	Abstract Title
8:00 am	1	**Lower Uterine Segment Ultrasound Measurement for Deciding about TOLAC: A Randomized Clinical Trial** Patrick Rozenberg; **Philippe Deruelle**; Marie-Victoire Sénat; Raoul Desbrière; Norbert Winer; Emmanuel Simon; Yves Ville; Gilles Kayem; Isabelle Boutron
8:15 am	2	**The Effect of Treatment of Maternal CMV Infection on the Development of Placental Syndrome** **George R. Saade**
8:30 am	3	**Melatonin for Rrevention of Fetal Lung Injury Associated with Intrauterine Inflammation and for Lung Maturation** **Ji Yeon Lee**; Quan Na; Na Shin; Anna Chudnovets; Jun Lei; Irina Burd
8:45 am	4	**Conservative Management Versus Cesarean Hysterectomy for Placenta Accreta Spectrum; the PACCRETA Prospective Population-Based Ttudy** **Loïc Sentilhes**; Catherine Deneux-Tharaux; Aurelien Seco; Gilles Kayem
9:00 am	5	**Hospital Maternal Mortality Rates are Falling, Overall Maternal Mortality Still Rises: Implications For Forward Movement** **Angela Burgess**; Steven Clark; Deepa Dongarwar; Hamisu Salihu
9:15 am	6	**Progesterone Induced Blocking Factor Inhibition Causes Inflammation and Endothelial Dysfunction in Pregnant Sprague Dawley Rats** **Alexis Witcher**; Kyleigh Comley; Jesse Cottrell; Mark Cunningham Jr.; Tarek Ibrahim; Babbette LaMarca; Lorena M. Amaral
9:30 am	7	**Impact of Second Stage Pushing Timing on Maternal Pelvic Floor Morbidity: Multicenter Randomized Controlled Trial** **Methodius G. Tuuli**; Tom Gregory; Lily A. Arya; Jerry L. Lowder; Candice Woolfolk; Aaron B. Caughey; Sindhu K. Srinivas; Alan T. Tita; Alison G. Cahill; Holly E. Richter
9:45 am	8	**Association Between Health Literacy and Maternal and Neonatal Outcomes** **Lynn M. Yee**; Robert M. Silver; David M. Haas; Samuel Parry; Brian M. Mercer; Jay Iams; Deborah Wing; Corette Parker; Uma M. Reddy; George R. Saade; William A. Grobman

LATE-BREAKING RESEARCH PRESENTATIONS (LB01-LB02)

10:00 – 10:30 am	Grapevine Ballroom

POSTER SESSION I (ABSTRACTS 101-325)

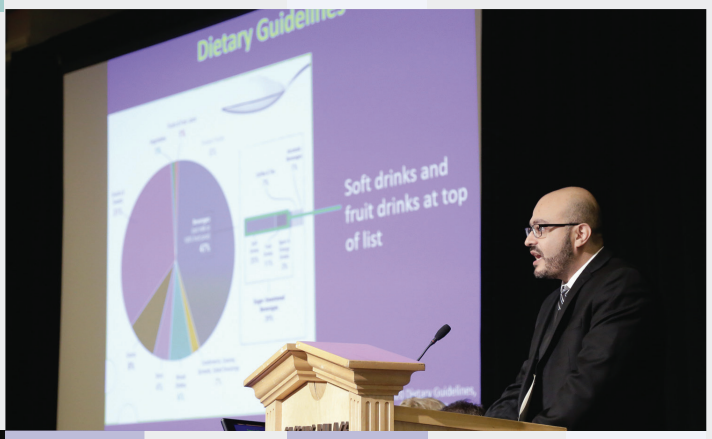
10:30 am – 12:00 pm	Longhorn Hall D-F

ORAL CONCURRENT SESSIONS, 1:15 – 3:45 PM

Session 1: Prematurity (Abstracts 9-18)	Grapevine 4-6, B, D
Session 2: Hypertension (Abstracts 19-28)	Grapevine 1-3, A
Session 3: Labor (Abstracts 29-38)	Grapevine C

POSTER SESSION II (ABSTRACTS 326-550)

3:45 – 5:15 pm	Longhorn Hall D-F



THURSDAY LUNCHEON ROUNDTABLES, 12:00 – 1:00 pm

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

Social Media for the Modern Perinatologist

Location: Texas 4

Presenter	Topic
Layan Alrahmani, MD	Most reproductive aged women are active on social media, and it has become a growing source of health information, and misinformation. Social media can be a powerful tool to educate, advocate, network and promote when used appropriately. During this roundtable, participants will discuss how to manage your online presence and ways to use social media to make a voice for you and your practice.

Perinatal Mood and Anxiety Disorders: From to Screening to Treatment

Location: Texas 2-3

Presenters	Topic
Camille Hoffman, MD, MSc; Madeleine Becker, MD; Nancy Byatt, DO, MS, MBA; Linda Worley, MD	This interactive roundtable on maternal mental health will introduce participants to the care pathway that maternal-fetal medicine, Ob/Gyns and other women's health care providers need to follow to improve how they care for women with perinatal mood and anxiety disorders. The content will focus on how to detect, assess, and treat perinatal mood and anxiety disorders. The roundtable will: 1) elicit barriers and facilitators addressing perinatal mood and anxiety disorders in obstetric settings; 2) provide actionable information, algorithms, and clinical pearls to help practices successfully address perinatal mood and anxiety disorders, and; 3) summarize important critical considerations, such as screening for bipolar disorder prior to initiating treatment with antidepressants.

Sage Therapeutics is at the *40th Annual Pregnancy Meeting*

Sage Therapeutics™

Visit Sage at Booth #278
Learn more about Sage at sagerx.com

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CELEBRATE

40TH ANNUAL MEETING
40 YEARS OF ADVANCING PREGNANCY RESEARCH

There's Something about SMFM
Thursday, February 6 | 6:00 - 8:00 PM | Grapevine Ballroom

We are thrilled to roll out the red carpet and premier the trailer for a movie about the history of the Annual Meeting. We'll also celebrate the accomplishments of the Foundation for SMFM and honor Dr. Mary D'Alton. Dr. D'Alton assumed leadership of the Foundation in the fall of 2013 and will be finishing her second term as Board Chair at the meeting. During her tenure, the Foundation expanded its award programs, enhanced communication efforts, improved administrative processes, and increased its total assets. Proceeds from this event will help the Foundation reach its goal of an $8 million corpus by the end of 2020. **Tickets will be available until Wednesday evening. Visit bit.ly/MaryD2020 to purchase your ticket.**

EVENT SPONSORS (as of January 17, 2020)

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American Board of Obstetrics & Gynecology
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Barbara Parilla, MD
Samuel Parry, MD
Drs. Patrick Ramsey and Sarah Page-Ramsey
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Andrea Shields, MD, MSCI
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Lynn Simpson, MD
Michael Socol, MD
Robert Sokol, MD
Ignatia Van den Veyver, MD
George Wendel, MD

Floral Arrangements
New York-Presbyterian Hospital

Friday

FEBRUARY 7

6:00 – 7:00 am Palomino 1

Yoga

First timers and experts are welcome in classes led by Dr. Shilpa Babbar. Registration is required.
Sponsored by

UTHealth | McGovern Medical School The Fetal Center Children's Memorial Hermann

6:00 – 7:30 am Grapevine Prefunction

Continental Breakfast

6:30 – 7:30 am Dallas 6

MFM Genetics Meeting The MFM Genetics breakfast was established to increase networking among prenatal geneticists and to inform junior SMFM members of the most up-to-date research and clinical opportunities in the field. Katie Grey, MD, PhD will speak on, "Opportunities Afforded by Combined MFM-Genetics Training."

7:00 am – 5:00 pm Austin 2-3

Mothers Lounge

7:00 am – 5:00 pm Austin 1

Speaker Ready Room

7:00 am – 5:00 pm Dallas 7

VIP Lounge Society and Foundation for SMFM VIPs can relax, connect, and network in a private space with wifi and light refreshments.

7:00 am – 5:00 pm Longhorn Registration E

Poster Printing Pick-Up

7:00 am – 6:00 pm Yellowrose Ballroom

Childcare Services

7:30 – 8:00 am Grapevine Ballroom

Foundation for SMFM Chair Address

8:00 – 10:00 am Grapevine Ballroom

Oral Plenary Session II Fellows Plenary (Abstracts 39-46)

10:00 – 10:30 am Grapevine Ballroom

Late-Breaking Research Presentations (Abstracts LB03-LB04)

10:30 am – 12:00 pm Longhorn Hall D-F

Poster Session III (Abstracts 551-775)

10:30 am – 5:30 pm Longhorn Hall D-F

Exhibit Hall Open

12:00 – 1:00 pm

Luncheon Roundtables

12:00 – 1:00 pm Mesilla

Cell Free DNA Based Non-Invasive Prenatal Screening: What is the Clinical Utility of Expanded-Content Panels?

Sponsored by Illumina. This independent presentation is not part of the official program as planned by the SMFM Program Committee.

illumina®

12:00 – 1:00 pm Escondido 2-3

Foundation for SMFM Corporate Council Luncheon - by invitation only

1:15 – 3:45 pm Grapevine Ballroom

Oral Concurrent Sessions

- Session 4: Infectious Disease and Neonatology
  Grapevine 4-6, B, D (Abstracts 47-56)
- Session 5: Morbidity and Mortality
  Grapevine A, 1-3 (Abstracts 57-66)
- Session 6: Medical Complications
  Grapevine C (Abstracts 67-76)

3:45 – 5:15 pm Longhorn Hall D-F

Poster Session IV (Abstracts 776-1000)

5:15 – 8:00 pm Grapevine C, San Antonio 4-6

SMFM All Fellows Mini Retreat

All MFM fellows are invited to connect with other fellows and interact with MFMs in private and academic practice. Learn more about finding your first job after fellowship and how to be financially prepared after training. The Associate election results and the recipient of the annual AJP Best Fellow Paper Award will be announced. Food and beverage sponsored by HCA.

HCA Healthcare℠

ORAL SESSION II, FELLOWS PLENARY (ABSTRACTS 39-46)

■ = Presenting Author

Time	Abstract Number	Abstract Title
8:00 am	39	**Virtual Reality Reduces Pain in Laboring Women: A Randomized Controlled Rrial** **Melissa S. Wong**; Brennan M. Spiegel; Kimberly D. Gregory
8:15 am	40	**Implementation of an Induction Calculator as Standard of Care Reduces Maternal Morbidity** **Rebecca F. Hamm**; Jennifer McCoy; Amal Oladuja; Hillary R. Bogner; Michal A. Elovitz; Sindhu K. Srinivas; Mary D. Sammel; Lisa D. Levine
8:30 am	41	**Fetal Metabolic Biomarkers after Late Preterm Betamethasone and Their Association with Neonatal Hypoglycemia** **Ashley N. Battarbee**
8:45 am	42	**Fetuses with Fetal Growth Restriction (FGR) have Elevated Proteasome Levels and Activity** **Monique B. Sutherland**; Catalin S. Buhimschi; Guomao Zhao; Bani Medegan Fagla; Irina A. Buhimschi
9:00 am	43	**Effect of Obesity on Maternal and Neonatal Penicillin Levels in Women with Group B Streptococcus** **Jennifer McCoy**; Michal A. Elovitz; Hope Pappas; Nathanael C. Koepler; Mary D. Sammel; Lisa D. Levine
9:15 am	44	**Racial Disparities in Prematurity Persist Among Women of High Socioeconomic Status (SES)** **Jasmine Johnson**; Celeste Green; Catherine Vladutiu; Tracy Manuck
9:30 am	45	**Impact of a Novel Smartphone Application on Low-Income Women's Breastfeeding Rates: A Randomized Controlled Trial** **Adam K. Lewkowitz**; Julia D. Lopez; Ebony B. Carter; Hillary Duckham; Tianta' Strickland; George A. Macones; Alison G. Cahill
9:45 am	46	**Wrong Patient Orders in Obstetrics: An Unrecognized Patient Safety Risk** Dena Goffman; **Adina Kern-Goldberger**; Jerard Kneifati-Hayek; Yelstin Fernandes; Jo Applebaum; Jason Adelman

LATE-BREAKING RESEARCH PRESENTATIONS (LB03-LB04)

10:00 – 10:30 am	Grapevine Ballroom

POSTER SESSION III (ABSTRACTS 551-775)

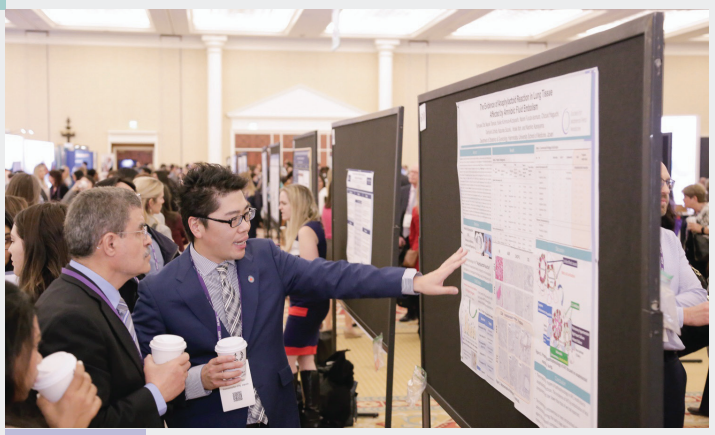
10:30 am – 12:00 pm	Longhorn Hall D-F

ORAL CONCURRENT SESSIONS, 1:15 – 3:45 PM

Session 4: Infectious Disease and Neonatology (Abstracts 47-56)	Grapevine 4-6, B, D
Session 5: Morbidity and Mortality (Abstracts 57-66)	Grapevine 1-3, A
Session 6: Medical Complications (Abstracts 67-76)	Grapevine C

POSTER SESSION IV (ABSTRACTS 776-1000)

3:45 – 5:15 pm	Longhorn Hall D-F



FRIDAY LUNCHEON ROUNDTABLES, 12:00 – 1:00 pm

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

Advocacy 101

Location: Polomino 1

Presenters	Topic
Sindhu Srinivas, MD, MSCE; Katie Schubert, MPP	Frustrated by policies that feel outside your control? Looking for actionable strategies to make changes to these daily frustrations? Wondering how you can advocate for yourself and other MFMs? The "Advocacy 101" luncheon roundtable will present several examples of MFMs advocating for changes both inside their institution and with external partners and provide opportunities for attendees to discuss policy solutions to their specific needs.

Progesterone - Is Clinical Practice Changing?

Location: San Antonio 4-6

Presenters	Topic
Sean Blackwell, MD; Steve Caritis, MD; Michal Elovitz, MD; Mary Norton, MD; Bob Silver, MD	Recent publication of the PROLONG study (Progestin's Role in Optimizing Neonatal Gestation) has raised questions about the efficacy and appropriate use of 17-OHP for prevention of preterm birth. This panel will discuss the results of the PROLONG study, why the results are different than findings from earlier reports, and how MFMs should be using 17-OHP and vaginal progesterone in clinical practice. We anticipate this will be a lively discussion of this current controversy!

Saturday

FEBRUARY 8

6:30 – 7:30 am (Convention Circle Drive)

Foundation for SMFM 5K Race

The annual 5K race benefits the Foundation for SMFM. Register by Friday at noon at bit.ly/5K-2020.

Sage Therapeutics™

7:00 – 8:00 am Grapevine Prefunction

Continental Breakfast

7:00 – 10:00 am Austin 1

Speaker Ready Room

7:00 – 1:00 pm Yellowrose Ballroom

Childcare Services

7:00 – 1:00 pm Austin 2-3

Mothers Lounge

8:00 – 8:30 am Grapevine Ballroom

Awards Ceremony for Thursday and Friday Sessions

8:00 – 10:00 am Longhorn Registration E

Poster Printing Pick-Up

8:45 – 10:45 am Grapevine Ballroom

Oral Concurrent Sessions

- Session 7: Ultrasound and Genetics, Grapevine 4-6, B, D (Abstracts 77-84)
- Session 8: Basic Science, Grapevine A, 1-3 (Abstracts 85-92)
- Session 9: Fetal Physiology and Intervention, Grapevine C (Abstracts 93-100)

10:45 am – 12:15 pm Longhorn Hall E-F

Poster Session V (Abstracts 1000-1226)

EXHIBITOR ACKNOWLEDGEMENTS

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

3D Systems Simbionix
Booth 232

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

ACOG Strategies for Health Equity
Booth 101

The Strategies for Health Equity team at ACOG implements the policy guidance of the ACOG Committee on Health Care for Underserved Women by providing technical assistance, training and education, and the most up-to-date resources on a variety of health issues. Our work covers the full range of reproductive health care through our Long-Acting Reversible Contraception program, Postpartum Contraceptive Access Initiative, Implementing Progress in Abortion Care and Training program, and Optimizing Care for Pregnancy Loss program.

Advocate Aurora Health
Booth 462

As the 10th largest not-for-profit, integrated health system in the nation, Advocate Aurora Health's strength and stability drives us forward. Our integrated delivery model allows our clinicians to offer state-of-the-art, top tier quality care throughout eastern Wisconsin and northern and central Illinois. We continuously strive to be on the forefront of managing the changing healthcare landscape, advances in technology and innovative approaches to providing impeccable outcomes for our patients. Call 414-647-3146; visit our website at www.docjobs.aah.org.

Advocate Children's Hospital
Booth 369

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

Akron Children's Hospital
Booth 258

Akron Children's Hospital provides specialty high risk obstetrical care with advance prenatal assessment and treatment including targeted ultrasonography, genetic counseling, amniocentesis, chorionic villus sampling, fetal echocardiology, fetal, cordocentesis, and in utero transfusion. Our model of care is mainly consultative and co-management with total care provided to the select highest risk patients. The program includes: Reproductive Genetics in MFM, fetal treatment programs inclusive of inutero procedures, active transport program with approximately 100 deliveries annually at two adult hospitals.

American Institute of Ultrasound in Medicine
Booth 482

The American Institute of Ultrasound in Medicine (AIUM) is a multidisciplinary professional association dedicated to advancing medical ultrasound by providing education, fostering best practices, and facilitating research. The AIUM supports its members by providing tools and training to encourage development; and supports the industry by setting standards and determining requirements for practice accreditation, which can improve your practice and show commitment to the highest quality of patient care. For more information, visit www.aium.org.

FOUNDATION FOR SMFM CORPORATE COUNCIL PREMIER MEMBER

AMAG Pharmaceuticals
Booth 156

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

Applied Medical
Booth 383

Applied Medical is dedicated to developing and providing technologies that enable advanced surgical procedures and optimize patient outcomes. It is our mission to achieve this while also reducing healthcare costs and offering unrestricted choice. Applied is committed to advancing minimally invasive surgery by offering clinical solutions and sophisticated training, including workshops, symposia and our simulation-based training programs.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

AS Software, Inc.
Booth 107

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

Bayhealth Medical Center
Booth 571

Bayhealth's mission is to strengthen the health of our community, one life at a time. Bayhealth is a technologically advanced not-for-profit healthcare system with more than 3,700 employees and a medical staff of more than 400 physicians. Bayhealth is an affiliate of Penn Medicine for Heart and Vascular, Cancer and Orthopaedics.

Baylor Scott & White Health
Booth 323

Baylor Scott & White Health (BSWH) is the largest not-for-profit healthcare system in the state of Texas. BSWH exists to serve all people through exemplary health care, education, research and community service. Currently at 45,000 employees and growing, our network is 48 hospitals, 1,100 patient care sites, numerous rehabilitation clinics, senior health centers, and affiliated ambulatory surgery centers.

Billings Clinic
Booth 547

Billings Clinic is nationally recognized for clinical excellence and is 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 and 300 days of sunshine!

BillionToOne Inc.
Booth 557

BillionToOne is a Menlo Park, CA based precision diagnostics company behind UNITY, the first and only single-gene NIPT supported carrier screen for CF, SMA, and hemoglobinopathies.

Boulder Abortion Clinic, PC
Booth 446

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.

Clinics for Abortion & Reproductive Excellence
Booth 201

Clinics for Abortion & Reproductive Excellence is the nation's only nonprofit abortion clinic which provides and advocates for abortion care throughout all trimesters of pregnancy. We specialize in later abortions and provide services through 35 weeks LMP. We care for families who are facing a fetal anomaly and provide services, such as foot/hand prints, viewings, clergy support, and a remembrance box. We believe in treating patients with kindness, courtesy, justice, love and respect.

Carle Physician Group
Booth 200

Carle is a vertically-integrated health system serving more than 1.4 million people across east central Illinois. Locally-owned and physician-led, our physician group includes 500+ physicians and 294 APPs in 80 specialties/subspecialties providing patient-focused, world-class care. Our health system includes the Magnet® Designated Carle Foundation Hospital. Named one of America's 50 Best Hospitals by Healthgrades, the 433-bed regional hospital is home to the area's only Level I Trauma Center and Level III Perinatal Services.

Center for Fetal Diagnosis and Treatment at The Children's Hospital of Philadelphia
Booth 137

Celebrating 25 years of advances, excellence and hope. The world's largest prenatal therapy program has welcomed more than 25,000 families from around the globe. Team members pioneered the surgical techniques and care protocols that today define the field. A co-leader of the landmark Management of Myelomeningocele Study proving

the efficacy of fetal surgery for MMC. Home to the world's first delivery unit housed within a pediatric hospital and dedicated exclusively to pregnancies complicated by birth defects.

Chicago Institute for Fetal Health
Booth 325

With more than 40 years' experience, The Chicago Institute for Fetal Health is a leader in the research and care of pregnant women with fetal complications. As one of only a few comprehensive fetal centers in the country, in addition to pre-birth counseling and care, we also provide corrective fetal intervention, including both twin to twin transfusion syndrome (TTTS) laser treatments and spina bifida (myelomeningocele – MMC) repair in utero.

Children's Health
Booth 173

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

Children's Hospital Los Angeles
Booth 256

The mission of Children's Hospital-Los Angeles is to create hope and build healthier futures. Founded in 1901, CHLA is the top-ranked children's hospital in California and among the top 10 in the nation, according to the prestigious U.S. News & World Report Honor Roll of children's hospitals for 2017-18. The hospital is home to The Saban Research Institute and is one of the few freestanding pediatric hospitals devoted exclusively to children.

Children's Hospital of Wisconsin
Booth 248

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

Children's National Fetal Medicine Institute
Booth 535

The Fetal Medicine Institute at Children's National Health System in Washington, DC provides the most advanced and comprehensive prenatal pediatric care for unborn babies. We offer pregnant families state-of-the-art fetal diagnostics and treatment in a compassionate and supportive environment. Our multidisciplinary team knows the critical importance of care continuity across each individual patient's journey, and our expert providers work together to deliver the most accurate diagnosis and care planning.

CHRISTUS Trinity Mother Frances Health System
Booth 309

CHRISTUS Mother Frances Hospital in Tyler, TX is seeking a second Maternal-Fetal Medicine physician to join 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 multi-specialty medical group. CHRISTUS Trinity Clinic encompasses more than 600 Physicians and Advanced Practice Providers representing 41 specialties in 82 locations.

Cincinnati Fetal Center
Booth 121

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).

Colorado Fetal Care Center
Booth 145

At the Colorado Fetal Care Center, we offer the full spectrum of maternal, fetal, neonatal and pediatric subspecialty care. That means we're able to provide comprehensive, world-class testing, diagnosis, treatment and care for unborn babies and moms-to-be. we're one of the few centers participating in a groundbreaking consortium where we're leading the way in finding solutions for patients with Hypoplastic Left Heart Syndrome (HLHS), a complex form of congenital heart disease.

CookMedical
Booth 460

Cook Medical Reproductive Health provides a comprehensive offering of medical devices for the reproductive system that includes products for diagnostic imaging, assisted reproduction, maternal-fetal medicine, obstetrics, and gynecology. Cook Medical is committed to education, research, and collaboration with healthcare professionals to enhance patient care for women and men throughout their reproductive lives. For more information, please visit www.cookmedical.com/rh.

Covenant Medical Group
Booth 400

Covenant Health System is a premier entity with national size and image, and Covenant Medical Group is one of the Southwest's finest multi-site, multi-specialty physician groups. We welcome your thoughtful inquiries regarding potential membership in our organization, as we strive to better serve the medical needs of our region's people.

Digisonics
Booth 149

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.

Down Syndrome Diagnosis Network
Booth 515

The mission of the Down Syndrome Diagnosis Network is to connect, support, and provide accurate information for families with a Down syndrome diagnosis. Our vision is to ensure families have unbiased and factually accurate diagnosis experiences, every time, through which families quickly know they're not alone.

DuPont Clinic
Booth 224

DuPont Clinic provides a private, patient-centered abortion experience for normal and high-risk patients. We strive to meet the unique needs of each patient, and offer amenities such as private consultation rooms, specially trained doulas, a dedicated nursing team, aromatherapy, wifi, and assistance with travel arrangements. Privacy is a priority; most patients will not see any other patients throughout their time at the DuPont Clinic. Physicians are board-certified obstetrician-gynecologists with family planning and ultrasound fellowship training.

Elsevier
Booth 472

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

Elizabeth J. Ferrell Fetal Health Center at Children's Mercy Kansas City
Booth 260

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

The Fetal Care Center
Booth 113

A leader in providing medical care for pregnant women whose unborn babies have health problems, known as fetal conditions. As part of the Women & Infants Center, the Fetal Care Center draws on the combined expertise of three world-class medical institutions: Barnes-Jewish Hospital, St. Louis Children's Hospital and Washington University Physicians. At the Fetal Care Center, you benefit from: integrated care for mom and baby, specialized surgeries, expertise in follow-up care, and more.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Ferring Pharmaceuticals
Booth 444

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

Fetal Center at Children's Memorial Hermann Hospital
Booth 357

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 Vanderbilt-Monroe Carell Jr. Children's Hospital-Vanderbilt University
Booth 268

The Fetal Center at Vanderbilt is an internationally recognized center offering advanced diagnosis, education and therapeutic treatments for the unborn child with congenital problems. Our center provides compassionate, professional and unique treatment plans incorporating multi-disciplinary specialists and innovative fetal research and education.

Fetal Medicine Foundation USA
Booth 167

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. Our educational programs for both healthcare professionals and parents include a series of certificates including aneuploidy screening and screening for early onset Preeclampsia using ultrasound markers.

Gauss Surgical, Inc.
Booth 432

Gauss is a Silicon Valley-based technology company pioneering an over-the-air delivery model for medical technologies. The company leverages computer vision and machine learning to deliver mobile applications for the operating room, with a focus on improving patient safety, quality, and outcomes. For more information, go to www.gauss.com.

FOUNDATION FOR SMFM CORPORATE COUNCIL PREMIER MEMBER

GE Healthcare
Booth 178

GE Healthcare is a leading provider of medical imaging, monitoring, biomanufacturing, and cell and gene therapy technologies. GE Healthcare enables precision health in diagnostics, therapeutics and monitoring through intelligent devices, data analytics, applications and services. With over 100 years of experience and leadership in the healthcare industry and more than 50,000 employees globally, GE Healthcare helps healthcare providers, researchers and life sciences companies in their mission to improve outcomes for patients around the world.

GenPath Women's Health
Booth 436

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

Gundersen Health System
Booth 561

Gundersen Health System is a physician-led, multi-specialty, not-for profit healthcare system in La Crosse, WI who is seeking an MFM to join our team. 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 545

Hayes Locums is a temporary physician & advanced practices staffing agency delivering excellence in the healthcare industry since 2012. Its dedication to positive match outcomes & high-impact service has won the company high praise, including number one on the Staffing Industry Analysts "Fastest Growing US Staffing Firms for 2017," 2nd place in the Sun Sentinel "Top Workplace for 2015," & ClearlyRated's Best of Staffing Client Award and Best of Staffing Talent Award consecutively from 2015-2018.

HCA Healthcare
Booth 179

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.

HealthCare Partners of Nevada
Booth 521

HealthCare Partners Nevada, an Intermountain Healthcare company, is a network of nearly 300 primary care providers and more than 1,500 specialists. With medical clinics and specialty care affiliates throughout Pahrump, Las Vegas, North Las Vegas, Henderson, Mesquite, and Boulder City, HealthCare Partners Nevada is committed to delivering the highest quality care to all our patients.

HER Foundation
Booth 100

Since 2003, the HER Foundation® has published groundbreaking HG research, developed educational materials and tools for diagnosis and treatment, and advocated for and supported those seeking effective management and recovery strategies for hyperemesis gravidarum (HG). We offer proprietary HG-specific tools for clinicians for assessment and management, consulting, and numerous support and referral options to help patients get the care they need to avoid termination or long-term health issues for both the mother and child. www.Helpher.org/tools.

FOUNDATION FOR SMFM CORPORATE COUNCIL PREMIER MEMBER

Hologic
Booth 361

At Hologic, we empower individuals to live healthier lives everywhere, every day. The Diagnostic Solutions division delivers on this commitment by developing and providing innovative cytology, molecular and perinatal testing.

Our continued passion for women's health includes assessing the risk of preterm labor which allows for improved care for both mothers and their babies. Stop by our booth to learn more about our perinatal diagnostic solution.

HPSRx Enterprises
Booth 549

HPSRx Enterprises, Inc. is a wholesale distributor specializing in women's health. We provide pharmaceuticals, medical devices and over 90,000 items of medical supplies. Our dedicated team provides excellent customer service on a first name basis. We are licensed to ship to all 50 states and Puerto Rico. HPSRx also complies with Pedigree regulations.

Huntsville Hospital
Booth 523

Huntsville Hospital is a 971-bed hospital that serves as the regional referral center for North Alabama and southern Tennessee. Huntsville Hospital is governed by the Health Care Authority of the City of Huntsville and is the second-largest hospital in Alabama. In recent years, the hospital has expanded its services throughout the region with the development of Huntsville Hospital Health System, which includes hospitals in Huntsville, Madison, Athens, Decatur, Boaz, Guntersville, Moulton, Red Bay, Sheffield and Fayetteville, Tenn. The Health System includes more than 2,200 patient beds and 15,000 employees.

ICP Care
Booth 537

ICP Care is a 501(c)(3) nonprofit whose mission is to provide patient support and education, raise public awareness, support the advancement of research and improve health care practices for those affected by Intrahepatic Cholestasis of Pregnancy.

InfuCare RX
Booth 282

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

Inozyme Pharma
Booth 509

We are an early stage biotech studying rare genetic diseases often diagnosed in utero. We plan to exhibit disease and diagnostic information related to the diseases of GACI and ARHR2 as we will go into human clinical trials in 2020.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Integrated Genetics
Booth 212

In genetic testing, experience is paramount to scientific success and customer satisfaction. And for more than 25 years, Integrated Genetics, a member of the LabCorp Specialty Testing Group, has been a pioneer in offering a true continuum of care in reproductive genetic testing and hereditary cancer testing services. Integrated Genetics offers unparalleled levels of support to you and your patients.

International Society of Ultrasound in Obstetrics and Gynecology
Booth 422

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

Invitae
Booth 127

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

Johns Hopkins Center for Fetal Therapy
Booth 266

The Johns Hopkins Center for Fetal Therapy provides state-of-the art treatment for complex fetal conditions including twin-twin-transfusion syndrome, spina bifida, congenital diaphragmatic hernia, urinary tract obstruction and fetal tumors. Our multidisciplinary care approach integrates expertise in open and closed fetal interventions, fetoscopic surgery, maternal, neonatology, pediatric, genetic and social services located at one of the leading medical institutions in the nation. Our fetal therapy physician hotline - 1-844-JH-FETAL - provides 24/7 access to care.

Los Angeles Fetal Surgery
Booth 151

Los Angeles Fetal Surgery - The University of Southern California (USC) and Children's Hospital Los Angeles (CHLA) have worked collaboratively to form Los Angeles Fetal Surgery. Los Angeles Fetal Surgery offers minimally invasive fetal treatments that will cure or reduce adverse outcomes resulting from fetal conditions that may otherwise result in death or irreversible organ damage to the baby.

Mayo Clinic
Booth 169

Mayo Clinic has a comprehensive Maternal and Fetal Care Center under the direction of Dr. Rodrigo

Ruano. The Center provides thorough evaluation of high risk pregnancy concerns including maternal and fetal diagnostic services as well as therapeutic interventions.

Medical City Children's Hospital Fetal Care Center
Booth 125

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

Medical Interactive Community
Booth 272

Medical Interactive's Learning Management System gauges learner needs, educates, and measures learner knowledge retention over time. It is a risk management tool used to enhance patient safety. Users have demonstrated an approximate 30% increase in clinician knowledge of risk and patient safety. Medical Interactive has educated healthcare providers for over 20 years.

Medicem Inc.
Booth 129

Safe, efficient, predictable and gentle, Dilapan-S hygroscopic cervical dilator offers these four features and more. Dilapan-S is an FDA approved mechanical dilator and is clinically supported through US. and internationally based clinical trials and research results. Dilapan-S is created with patented hydrogel Aquacryl which provides uniform and gradual cervical ripening. Please join us to participate in our interactive presentations, hands-on training and face to face dialog with our clinical product experts.

Michigan Medicine
Booth 157

Michigan Medicine is one of just a few medical centers nationwide where Labor and Delivery is nestled within a comprehensive children's hospital. Being under one roof allows our renowned Fetal Diagnosis and Treatment Center team to provide comprehensive fetal services, utilizing the latest technological advances in diagnostics, minimally invasive surgeries, and open surgeries. As leaders in maternal fetal care, we are committed to providing comprehensive, collaborative and compassionate care for women and infants.

Midwest Fetal Care Center
Booth 337

The Midwest Fetal Care Center provides maternal fetal care when a high-risk pregnancy poses challenges. As the first and most advanced fetal care center in the Upper Midwest - and one of only a few in United States - the Midwest Fetal Care Center brings together maternal fetal experts and the latest technology and treatments in a coordinated setting. Our mission is to provide patients and families with an exceptional experience with the best possible outcome.

Mississippi Center for Advanced Medicine
Booth 527

The Mississippi Center for Advanced Medicine in Madison is seeking a Maternal Fetal Medicine Specialist to join our growing group of pediatric subspecialists, Maternal Fetal program, and help establish the only freestanding pediatric entity in the state. Madison has been named the best place to live, raise a family and the safest city in Mississippi.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Momenta Pharmaceuticals
Booth 373

Momenta Pharmaceuticals is conducting a phase 2/3 study in warm autoimmune hemolytic anemia and a phase 1/2 study in immune thrombocytopenia. We will have materials on these ongoing trials (brochures and digital displays on flat screen monitors) as well as materials on disease state awareness to highlight the unmet medical needs for both disease states.

MoMMA's Voices
Booth 581

MoMMA's Voices is a national coalition of patient organizations and individuals with "lived experiences" – or those that represent them – using their voice to reduce maternal complications in pregnancy and the postpartum period. Members of the Coalition look at cross-cutting issues such as quality and consistency of healthcare delivery, patient-provider communications, racial disparities, inadequate research funding, and other leading contributors to adverse outcomes in pregnancy and the postpartum period.

MotherToBaby Pregnancy Studies
Booth 434

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

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Myriad Women's Health
Booth 117

Myriad Genetics Inc., is a leading personalized medicine company dedicated to being a trusted advisor transforming patient lives worldwide with pioneering molecular diagnostics. Myriad discovers and commercializes molecular diagnostic tests that: determine the risk of developing disease, accurately diagnose disease, assess the risk of disease progression, and guide treatment decisions across six major medical specialties (autoimmune, dermatology, neuroscience, oncology, urology and women's health).

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Natera
Booth 311

Natera is a global leader in cell-free DNA testing. The mission of the company is to change the management of disease worldwide by harnessing the power of DNA from a single blood sample to improve the management of reproductive health, oncology, and organ transplantation.

National Abortion Federation
Booth 300

The National Abortion Federation (NAF) is the professional association of abortion providers in the United States, Canada, Mexico City and Columbia. The mission of the National Abortion Federation is to unite, represent, serve, and support abortion providers in delivering patient-centered, evidence-based care.

National Association of Nurse Practitioners in Women's Health
Booth 270

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. Visit www.npwh.org for more information.

National Organization for Disorders of the Corpus Callosum
Booth 539

The National Organization for Disorders of the Corpus Callosum is the leading resource for raising the profile, understanding and acceptance of disorders of the corpus callosum (DCC) through education, networking, advocacy, and research facilitation. Our mission is to enhance the quality of life and promote opportunities for individuals living with a DCC.

NewYork-Presbyterian
Booth 236

We have specialty programs at NewYork-Presbyterian/Columbia University Irving Medical Center and NewYork Presbyterian/Weill Cornell Medical Center dedicated to treating high-risk pregnancies—such as women with health issues, multiple fetuses, and babies with congenital abnormalities.

Norton Children's Maternal-Fetal Medicine, a part of Norton Healthcare
Booth 401

Norton Children's Maternal-Fetal Medicine, a part of Norton Healthcare located in Louisville, KY, is recruiting for additional maternal-fetal medicine physicians due to increased patient volume and expanded services. The practice is dedicated to providing comprehensive high-risk obstetric care for residents of Greater Louisville, Southern Indiana and regional communities. Norton Children's Maternal-Fetal Medicine provides services at Norton Hospital and Norton Women's & Children's Hospital; more than 9,000 deliveries are performed at these facilities annually.

Novant Health
Booth 301

We are an integrated system of physician practices, hospitals, outpatient centers, and more – each element committed to delivering a remarkable healthcare experience for you and your family. With world-class technology, personal connections, and care that's easier to access and understand, Novant Health is with you every step of the way on your journey to health and wellness.

NTD Eurofins
Booth 244

NTD is a part of the Eurofins laboratory network. Eurofins Scientific is an international life sciences company which provides a unique range of analytical testing services to clients across multiple industries. As a world leader in food, environment, pharmaceutical and cosmetics products testing and in agroscience CRO services, our goal to contribute to a safer and healthier world by providing our customers with innovative and high-quality laboratory and advisory services whilst creating opportunities for our employees and generating sustainable shareholder value.

Nuvo
Booth 307

Nuvo is re-inventing Pregnancy Management, systemically, and developed a proprietary technology platform, INVU, designed to transform care delivery making the mother "the point of care" and leveraging data to seamlessly connect visits across the home, the work place, the OB office, and the hospital environments.

The INVU platform will enable a new practice of pregnancy population health management and deliver triple-aim measures in reducing costs, improving quality, and increasing both provider and patient satisfaction. INVU is protected with 11 core U.S. patents and 30 granted patents worldwide. Nuvo was founded by Oren Oz, a data scientist and entrepreneur in Israel's high tech industry. His inspiration came from his personal experience when he and his wife endured the pain and uncertainty of managing a high risk pregnancy.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

OBIX By Clinical Computer Systems Inc
Booth 175

The OBIX® System is a comprehensive, computerized system for central, bedside, & remote electronic fetal monitoring, archiving, point-of-care charting, single-click management reports, & Internet-based physician access. Combines enterprise-wide perinatal surveillance & alerting with comprehensive documentation & data storage. Interfacing with hospital departmental systems, enterprise-wide charting solutions & EMR repositories. OBIX's exclusive E-Tools for EFM assessment provide decision support that helps clinicians improve their practice & promote patient safety in EFM.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Obstetrix Medical Group/ Mednax
Booth 131

Obstetrix 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 characteristics, 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.

OB-Tools
Booth 381

OB-Tools is a research-based company founded by an obstetrician for obstetricians with a focus on developing the best maternal fetal monitoring technology for mothers and babies. Our goal is to become the obstetrician's tool of choice in evaluating and managing fetal development and the safe and timely progress of labor as well as improving the safety and outcome of labor. The TrueLaborTM System utilizes our proprietary Technology combined with our Embrace SensorTM, allowing rapid FHR/UA monitoring.

Option Care
Booth 181

Option Care Women's Health provides quality high-risk obstetrical care delivered by specialized nurses for management of hyperemesis gravidarum (excessive nausea and vomiting pregnancy program), preterm labor, pregnancy-induced hypertension, gestational diabetes management and compliance coaching and education.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Optum
Booth 420

Optum is a leading OB homecare services company dedicated to providing resources and improving outcomes for mom and baby. OB homecare management services include: diabetes, 17HPC, preeclampsia and NVP. Optum exclusively uses OB RNs.

Owensboro Health
Booth 513

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

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Pacira Biosciences
Booth 114

Pacira BioSciences, Inc. (NASDAQ: PCRX) is a leading provider of non-opioid pain management and regenerative health solutions dedicated to advancing and improving outcomes for health care practitioners and their patients. The company's long-acting local analgesic, EXPAREL® (bupivacaine liposome injectable suspension) was commercially launched in the United States in April 2012. EXPAREL utilizes DepoFoam®, a unique and proprietary product delivery technology that encapsulates drugs without altering their molecular structure, and releases them over a desired period of time. In April 2019, the company acquired the iovera□ system, a handheld cryoanalgesia device used to deliver precise, controlled doses of cold temperature only to targeted nerves. To learn more about Pacira, including the corporate mission to reduce overreliance on opioids, visit www.pacira.com

Paradigm Medical Systems/ Model-med
Booth 351

Paradigm Medical Systems is the exclusive North American distributor for Model-med Int. Model-med products are designed with faithful attention to anatomical detail. Mannequins are manufactured using a soft, highly

elastic flesh-like material that is durable and easy to clean. Model-med customers find these unique products produce a level of realism that creates a top-quality training experience.

Perinatal Access
Booth 458

Perinatal Access™ provides MFM telemedicine services including real-time ultrasound streaming. Check out our website at www.perinatalaccess.com for more information. Or you can fill out our online form on our website to have someone contact you about providing more convenient care for your patients!

Perinatal Quality Foundation
Booth 424

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.

PerkinElmer Diagnostics
Booth 468

PerkinElmer is a global leader committed to innovating for a healthier world. Our dedicated team of 8,000 employees worldwide are passionate about providing customers with an unmatched experience as they help solve critical issues especially impacting the diagnostics, discovery and analytical solutions markets. Our innovative detection, imaging, informatics and service capabilities, combined with deep market knowledge and expertise, help customers gain earlier and more accurate insights to improve lives and the world around us.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Philips Healthcare
Booth 183

Philips is a technology company focused on improving people's lives through meaningful innovation across the health continuum, from healthy living and prevention to diagnosis, treatment, recovery and home care. It's a unique perspective empowering us all to create a healthier future.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Progenity
Booth 159

Progenity offers clinicians advanced diagnostic tests that help patients and their families Prepare for Life. Our specialized testing services include Preparent® Genetic Carrier Screening, Innatal® Noninvasive Prenatal Screen, Resura™ Prenatal Test for Monogenic Disease and Riscover® Hereditary Cancer Test. We partner with healthcare providers to offer clear and actionable results, unmatched service, and patient support tools. Learn more at www.progenity.com.

ProMedica
Booth 501

ProMedica is a mission-based, not-for-profit integrated healthcare organization headquartered in Toledo, Ohio. It serves communities in 30 states. The organization offers acute and ambulatory care, an insurance company with a dental plan, and post-acute and academic business lines. Driven by its Mission to improve your health and well-being, ProMedica has been nationally recognized for its advocacy programs and efforts to address social determinants of health.

Prytime Medical Devices, Inc.
Booth 371

Prytime Medical™ Devices, Inc. (The REBOA Company), is an innovative medical device company that designs, develops and commercializes minimally invasive solutions for hemorrhage control. The company's flagship product is the ER-REBOA™ Catheter, a tool designed to temporarily control hemorrhage of large vessels and support resuscitation during life-saving procedures. The company is developing the next generation REBOA catheters and other minimally invasive solutions. More information can be found at www.prytimemedical.com.

Remote Medical Technologies
Booth 284

RMT's Teleultrasound solution is a LIVE, dynamic, real-time solution that utilizes your existing equipment and facility setup. RMT allows doctors and technicians to collaborate by sharing high definition and high resolution images and video securely. RMT teleultrasound technology offers both image and video capture/recording with multiple storage capabilities. Innovative features include accompanying audio and WebCam and in-session communication functionality. Mobility is extended to iPhones, iPads, and Android Devices as well.

Reproductive Health Project for Maternal-Fetal Medicine
Grapevine Foyer

Supporting maternal-fetal medicine subspecialists by integrating family planning and reproductive health into provider education, research, and advocacy.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Roche Diagnostics Corporation
Booth 456

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

Rush University Medical Center
Booth 569

Rush University System for Health (RUSH) is an academic health system whose mission is to improve the health of the individuals and the diverse communities it serves through the integration of outstanding patient care, education, research and community partnerships. U.S. News & World Report ranked Rush University Medical Center among the top 50 hospitals in five specialties in its 2019-2020 Best Hospitals issues.

Safe Obstetric Systems
Booth 349

Safe Obstetric Systems is a women's health company that designs and develops innovative and clinically effective products for use in emergency obstetrics. Our aim is to reduce risk associated with childbirth for mother and baby and to make childbirth a better experience for the mother. Safe Obstetrics Systems manufacture and market the FETAL PILLOW™, a novel device designed to atraumatically elevate the fetal head out from the pelvis during a second stage caesarean section.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Sage Therapeutics
Booth 278

Sage is committed to discovering, developing and delivering novel medicines to transform the lives of patients with life-altering disorders of the central nervous system (CNS). Sage has opened the door to a whole new way to think about treating disorders of the brain. Sage is a place where unconventional thinking to solve problems with new ideas is welcome – and where unconventional thinkers can imagine what's possible and do big.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Samsung
Booth 144

Samsung NeuroLogica, the healthcare subsidiary of Samsung Electronics America, Inc., develops, manufactures and markets innovative imaging technologies and is committed to delivering fast, easy and accurate diagnostic solutions to healthcare providers. NeuroLogica, the global corporate headquarters and manufacturer of Samsung computed tomography, is also the US headquarters for sales, marketing and distribution of all Samsung digital radiography and ultrasound systems. NeuroLogica's growing portfolio of advanced medical technologies are used worldwide in leading healthcare institutions.

FOUNDATION FOR SMFM CORPORATE COUNCIL MEMBER

Sema4
Booth 426

Sema4® is a patient-centered health intelligence company founded on the idea that more information, deeper analysis, and increased engagement will improve the diagnosis, treatment, and prevention of disease. Centrellis™, our unique advanced analytics platform is enabling us to generate a more complete understanding of disease and wellness and extract individualized insights into human health, starting with reproductive health and oncology.

FOUNDATION FOR SMFM CORPORATE COUNCIL PREMIER MEMBER

Sera Prognostics
Booth 171

Sera Prognostics is a current SMFM Corporate Council Member. Sera Prognostics(tm) was founded to develop diagnostic test for the early prediction of a woman's individualized risk of premature birth, preeclampsia and other pregnancy complications. The company's proteomic predictor of preterm birth risk - the PreTRM(r) Test became available in 2016.

Southwestern Womens Options
Booth 208

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.

Sparrow Health System
Booth 500

Sparrow Medical Group (SMG), a large multispecialty physician group that delivers exceptional quality care is the premier physician organization in a diverse and family friendly community. Sparrow Health System and SMG are committed to improving access to medical care in Mid-Michigan. SMG is seeking a dynamic, full-time BC Maternal Fetal Medicine physician to join its program in Lansing, Michigan. High-risk OB/GYN patient population, supervise OB/GYN Residents in residency clinic, EPIC EMR, Big Ten University city.

Special Angels Adoption
Booth 525

We are a nation-wide, non-profit adoption agency handling exclusively the adoptions of children with special needs. We work with families in all 50 states in finding resources to parent or in making an adoption plan. We have helped over 1200 families and have always found adoptive parents for even the most critical children.

St. Louis Fetal Care Institute
Booth 230

The SSM Health St. Louis Fetal Care Institute is a partnership between Cardinal Glennon Children's Hospital, St. Mary's Hospital and Saint Louis University School of Medicine. With renowned maternal-fetal medicine specialists, pediatric and fetal surgeons, The Institute provides cutting-edge diagnostic methods and treatment options for families whose unborn babies are facing medical challenges. As one of the leading comprehensive fetal programs in the country, it offers fetal interventions, including open and minimally invasive fetal surgery.

Stanford Children's Health
Booth 448

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 maternal-fetal therapy, combining expertise from specialists in maternal-fetal medicine, neonatology, perinatal genetics, pediatric radiology, surgery, cardiology and other pediatric subspecialties.

Texas Children's Pavilion for Women-Fetal Center
Booth 345

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 and family.

Trice Imaging, Inc.
Booth 164

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.

UC Davis Fetal Care and Treatment Center
Booth 226

UC Davis Fetal Care and Treatment Center: Since 2016, families in the Sacramento region and inland Northern California are able to benefit from advancements in fetal surgery and maternal-fetal medicine. Our renowned experts provide highly specialized care for fetal anomalies ranging from needle-based interventions, fetoscopic procedures, and open fetal surgeries. UC Davis is also home to an extensive fetal care research program, including stem cell and tissue engineering for several fetal diseases.

UCSF Benioff Children's Hospitals Fetal Treatment Center
Booth 274

The UCSF Fetal Treatment Center, a multidisciplinary comprehensive clinic with two locations, San Francisco and Oakland, is a pioneer in precision diagnostics, genetics, and treatment of fetal anomalies. We provide care to families, including counseling with a team of experts– Perinatology, Pediatric Surgery, Cardiology, Neonatology, Nephrology, Neurology, and others. Radiology findings are presented at a weekly multidisciplinary conference. We partner with referring providers to ensure optimal care and health for families and future pregnancies.

University of Maryland Medical Center - Center for Advanced Fetal Care
Booth 321

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.

USF Fetal Care Center of Tampa Bay
Booth 246

The USF Fetal Care Center of Tampa Bay is the leading fetal therapy center in Florida. Expert physicians treat many fetal anomalies using the most current intrauterine treatments. Conditions we treat at The USF Fetal Care Center of Tampa Bay include: Twin to Twin Transfusion syndrome, TRAP sequence, LUTO, pleural effusions, and fetal anemia.

Utah Fetal Care Center at Intermountain Primary Children's Hospital
Booth 563

The Utah Fetal Center at Primary Children's Hospital is here to provide you and your baby with the most up to date and coordinated care possible. When a fetus has been diagnosed with a high-risk condition, we bring together a multidisciplinary team of experts to address the baby's and mother's needs before, during, and after delivery. The Utah Fetal Center includes maternal fetal medicine specialists for the pregnant mother, neonatologists who are specially trained to care for newborns, and pediatric specialists for all your baby's needs before and after delivery.

Valley Children's Medical Group
Booth 210

Valley Children's Medical Group is one of the largest pediatric providers in the nation. We are a mission focused hospital located in Central California with a rapidly growing clinic system dedicated to providing high-quality care exclusively for children, from before birth through young adulthood.

Vision Chips, Inc.
Booth 333

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 8™ Ultrasound Reporting and Imaging. OBSERVER 8™ is a reflection of our commitment to quality, reliability, flexibility, and ease of use. An outstanding product backed by unsurpassed support. OBSERVER 8™ exemplifies professionalism in software design and engineering.

VirtaMed Inc.
Booth 162

VirtaMed is the world leader in high-fidelity virtual reality simulation for training of minimally invasive diagnostic and therapeutic interventions in OB/GYB and other medical disciplines. VirtaMed also creates customized simulators for medical associations and medical device companies using original instruments and anatomic models for realistic tactile feedback.

Wolters Kluwer
Booth 575

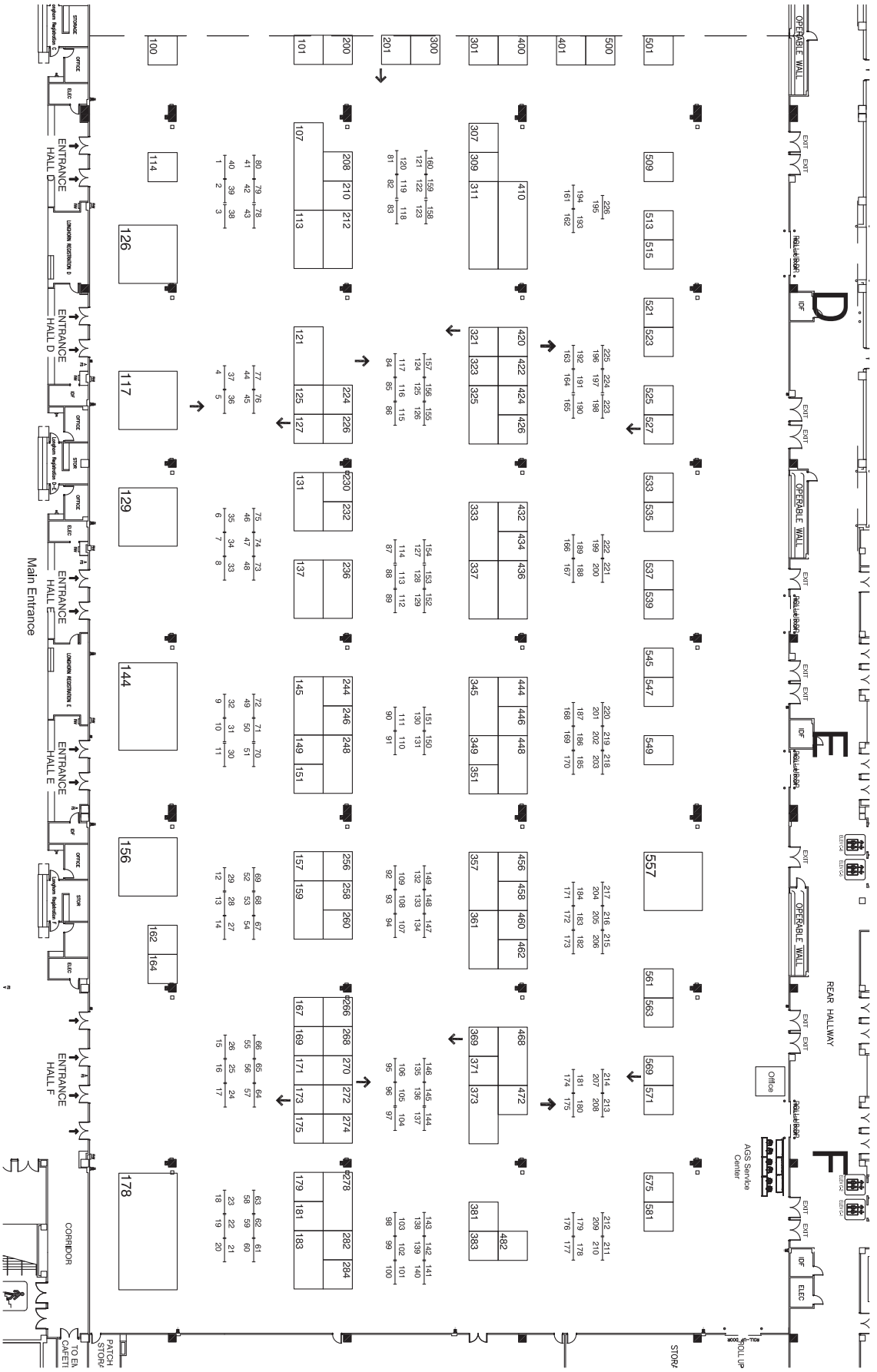
Wolters Kluwer is a global provider of professional information, software solutions, and services for clinicians, nurses, accountants, lawyers, and tax, finance, audit, risk, compliance, and regulatory sectors. Our priority is providing timely, actionable insights in an end-to-end digital environment that empowers them to make informed decisions and deliver impact when it matters most.

WVU Medicine
Booth 533

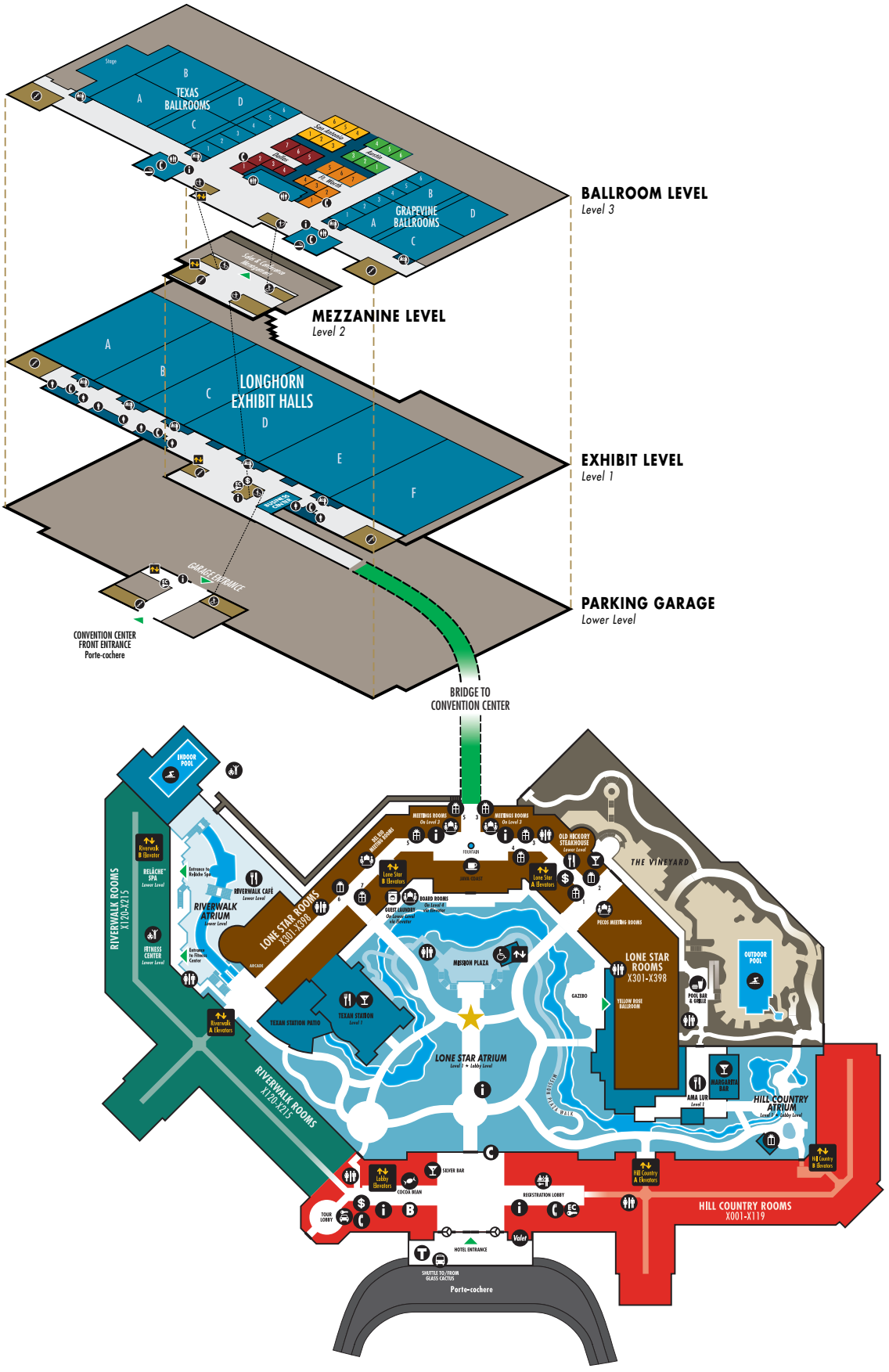
The WVU Medicine is the state's largest health system and largest private employer, is comprised of ten hospitals. With the Women and Children's initiative, the School of Medicine is recruiting a Maternal Fetal Medicine physician to start a MFM program on it's Eastern campus - located just 1 hour from Washington, DC. Faculty position with support from main academic campus.

EXHIBIT HALL MAP

Arrows are pointing in the direction the booths are facing.



HOTEL MAP


TEXAS BALLROOMS
GRAPEVINE BALLROOMS
BALLROOM LEVEL
Level 3
MEZZANINE LEVEL
Level 2
LONGHORN EXHIBIT HALLS
EXHIBIT LEVEL
Level 1
PARKING GARAGE
Lower Level
GARAGE ENTRANCE
CONVENTION CENTER FRONT ENTRANCE
Porte-cochere
BRIDGE TO CONVENTION CENTER
INDOOR POOL
RIVERWALK ROOMS
X120-X215
RIVERWALK CAFÉ
RIVERWALK ATRIUM
LONE STAR ROOMS
X301-X398
OLD HICKORY STEAKHOUSE
THE VINEYARD
OUTDOOR POOL
MISSION PLAZA
TEXAN STATION
LONE STAR ATRIUM
HILL COUNTRY ATRIUM
HILL COUNTRY ROOMS
X001-X119
HOTEL ENTRANCE
Valet
Porte-cochere

ISUOG Education 2020

The ISUOG/SMFM Joint Symposium on state-of-the-art ultrasound in pregnancy

16 - 18 April 2020
Washington DC, USA

isuog.org

Society for Maternal-Fetal Medicine
High-risk pregnancy experts

Join ISUOG and the Society for Maternal-Fetal Medicine (SMFM) for a joint symposium to get the latest insights and training from renowned professionals. Understand procedures from current guidelines and explore normal and abnormal cases during the hands-on workshop.

This course will be chaired by:

Lorraine Dugoff *(USA)*

Lynn Simpson *(USA)*

Aris Papageorghiou *(UK)*

Joanne Stone *(USA)*

Laurent Salomon *(France)*

Register now at: isuog.org/events

About ISUOG Education

ISUOG delivers quality education courses internationally in ultrasound in obstetrics and gynecology, providing up-to-date research and clinical guidance for a range of topics and professional levels. Our courses are dynamic, interactive and provide delegates with practical tips as well as excellent networking opportunities.

Discounts available for ISUOG/SMFM members

To view the Full Programme please visit:
https://www.isuog.org/event/state-of-the-art-ultrasound-in-pregnancy.html

Find out more at **isuog.org/events.html**
congress@isuog.org | +44 (0)20 7471 9955

isuog.org

UPCOMING EVENTS

High-Impact Practice Management Academy

DATES:	February 28 – 29, 2020
LOCATION:	Phoenix, AZ
COURSE DIRECTORS:	Michael Foley, MD; Idahlynn Karre, PhD; Dan O'Keeffe, MD
ABOUT:	Practice managers, nurses, lead sonographers and other emerging leaders on the MFM team can develop their unique management style at the SMFM High-Impact Practice Management Academy. Get practical suggestions to address difficult conversations with colleagues and foster a positive work culture.
LEARN MORE:	SMFM.org/HIPM

State of the Art Ultrasound in Pregnancy

DATES:	April 16 – 18, 2020
LOCATION:	Washington, DC
COURSE DIRECTORS:	Lorraine Dugoff, MD; Aris Papageorghiou, MBChB, MRCOG; Laurent Salomon, MD, PhD; Lynn Simpson, MD; Joanne Stone, MD, MS
ABOUT:	Co-hosted by SMFM and the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), this symposium will feature educational sessions led by international experts on prenatal ultrasound diagnosis. Network with colleagues, attend the poster sessions, and consider an optional hands-on workshop for ultrasound guided invasive prenatal procedures.
LEARN MORE:	SMFM.org/ultra

Coding Course for Maternal-Fetal Medicine

DATES:	April 30 – May 1, 2020
LOCATION:	San Diego, CA
COURSE DIRECTORS:	Fadi Bsat, MD; Vanita Jain, MD
ABOUT:	Code faster and more accurately, achieve compliance, maximize reimbursement, and get prepared for E/M billing changes coming into effect in 2021 with SMFM's Coding Course. Designed especially for MFMs, practice managers, nurses, and billing staff, this course is the most comprehensive and interactive course of its kind. Enjoy class discussions, live polling, and case studies with national experts in coding.
LEARN MORE:	SMFM.org/coding2020

Prenatal Genetics Course

DATES:	September 16, 2020
LOCATION:	Chicago, IL
COURSE DIRECTOR:	Mary Norton, MD
ABOUT:	This course, now in its third year, will help MFMs, fellows, OBGYN generalists, and genetic counselors better understand when to order cell free DNA screening with expanded panels, expanded carrier screening, chromosomal microarray, targeted gene panels, or exome sequencing. What are the benefits of each test? For whom should these tests be ordered? Come to Chicago and learn from the nation's leading experts in prenatal genetics.
LEARN MORE:	SMFM.org/events

Maternal Medicine Course

DATES:	September 17-18, 2020
LOCATION:	Chicago, IL
COURSE DIRECTORS:	Torri Metz, MD, MSCR and Luis Pacheco, MD
ABOUT:	This course, now in its fifth year, is clinically oriented and intended for the entire OB care team. In 2020, the course will focus on the following high-risk pregnancy topics: neurologic emergencies in preeclampsia, liver diseases in pregnancy, acute coronary syndromes, acute right ventricular failure, DVT prophylaxis in c-section, congenital heart disease, epilepsy, antibiotics in pregnancy, depression/ psychosis, and hemorrhagic complications.
LEARN MORE:	SMFM.org/events

The Dan O'Keeffe SMFM Leadership Academy

DATES:	October 9-11, 2020 and March 19-21, 2021
LOCATION:	Denver, CO
COURSE DIRECTORS:	Idahlynn Karre, PhD; Michael Foley, MD; and Dan O'Keeffe, MD
ABOUT:	The Dan O'Keeffe SMFM Leadership Academy is designed to engage MFM subspecialists in a unique professional development experience that frames leadership as the ability to build relationships, cultivate excellence, and sustain energy for productive influence, agency, and motivation to enact positive change.
LEARN MORE:	SMFM.org/events

EXHIBIT AND SPONSORSHIP OPPORTUNITIES ARE AVAILABLE AT MOST SMFM EVENTS.

Contact Courtney Thompson (cthompson@smfm.org) for details.

FUTURE PREGNANCY MEETING™ SITES

41st Annual Meeting
The Pregnancy Meeting™
January 25 – 30, 2021
Caesars Palace – Las Vegas, NV

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

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

44th Annual Meeting
The Pregnancy Meeting™
January 29 – February 3, 2024
Gaylord Palms Resort – Orlando, FL

45th Annual Meeting
The Pregnancy Meeting™
January 27 – February 1, 2025
George R. Brown Convention Center – Houston, TX

46th Annual Meeting
The Pregnancy Meeting™
February 2 – February 7, 2026
Gaylord Palms Resort – Orlando, FL

47th Annual Meeting
The Pregnancy Meeting™
February 1 – February 6, 2027
New Orleans Ernest N. Morial Convention Center – New Orleans, LA

Society for Maternal•Fetal Medicine
High-risk pregnancy experts