




## CONFERENCE CHAIR

	<p>Dr. Ossia Geifman-Holtzman is an obstetrician-gynecologist in Philadelphia, Pennsylvania and is affiliated with Pennsylvania Hospital, University of Pennsylvania. Dr Geifman-Holtzman is also a Professor at Drexel Medical School and at the Fel's Institute, Temple School of Medicine, the home for her research laboratory. Currently, she is also the medical director of the Philadelphia Pregnancy, Ultrasound and Genetic Center. She has been the director of The Philadelphia Prenatal Conference for the past 14 years.</p>
<p><b>Ossia Geifman-Holtzman, MD, FACOG, FACMG</b> Medical Director, Philadelphia Pregnancy, Genetics &amp; Ultrasound Center, Prenatal Diagnosis Institute. Professor, Drexel University College of Medicine &amp; Fels Institute, Temple University School of Medicine</p>	


## SCIENTIFIC COMMITTEE

	<p>Elena Ashkinadze is an Assistant Professor and Supervisor of Prenatal Genetics at Rutgers-Robert Wood Johnson Medical School. She is a graduate of the Sarah Lawrence Genetic counseling program and has close to 20 years of experience in clinical genetics. She is currently the director of the Reproductive Genetics course at the new Rutgers Genetic Counseling Training program. She has served as the Treasurer and President of the Human Genetics Association of NJ and is currently the Chair of the Genetic Counseling Advisory Committee for the Board of Medical Examiners under the Division of Consumer</p>
<p><b>Elena Ashkinadze, MS, LCGC</b> Assistant Professor. Supervisor, Perinatal Genetics Division of Maternal Fetal Medicine Rutgers, Robert Wood Johnson Medical School, NJ</p>	


	<p>Affairs in NJ. She serves on the Maternal Child Mortality and Morbidity committee for the state of NJ. She is faculty at Rutgers and involved in teaching several courses as well as serving as the Director of OBGYN Grand Rounds. She has been a speaker at local and national conferences on reproductive genetics and has authored several peer reviewed publications. She has been involved in organizing the Philadelphia Prenatal Genetics Conference from its inception.</p>
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	<p>Peter Benn is Professor Emeritus at the University of Connecticut Health Center, Farmington, Connecticut. Dr Benn received his undergraduate degree and also has a Doctor of Science degree from the University of St Andrews, Scotland. He received his PhD at the University of Birmingham, England, with research in cancer genetics and cytogenetics. From 1977 to 1979 he was a post-doctoral fellow in the Department of Human Genetics at the University of Pennsylvania, Philadelphia. He subsequently specialized in laboratory service in the areas of prenatal screening and diagnosis. He has published over 170 peer reviewed papers and authored numerous reviews, chapters, position statements, and other articles. From 1990-</p>
<p><b>Peter Alan Benn PhD., FACMG, DSc.</b>  Professor Emeritus, Department of Genetics and Genome Sciences,  University of Connecticut Health Center, CT</p>	

	<p>2019, he was a faculty member at the University of Connecticut. He is a consultant to Natera, Inc., and serves on an Advisory Board for Menarini Silicon Systems. His past professional activities include International Society for Prenatal Diagnosis Board Membership, Editor for Genetics for <i>Ultrasound in Obstetrics and Gynecology</i> and a founding member of the Origins of Aneuploidy Research Consortium.</p>
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	<p>Vincenzo Berghella is originally from Pescara, Italy, from where he moved after High School to attend Manhattanville College, New York, USA. He attended medical school at Thomas Jefferson University (TJU), in Philadelphia; Ob-Gyn Residency at New York Downtown Hospital in Manhattan, New York City, and Maternal-Fetal Medicine (MFM) Fellowship at TJU, in Philadelphia, where he remained and is now Director of the MFM Division and Fellowship Program.</p>
<p><b>Vincenzo Berghella, MD</b>          Professor, Department of Obstetrics and Gynecology          Director, Division of Maternal-Fetal Medicine &amp; MFM Fellowship Program          Thomas Jefferson University/Sidney Kimmel Medical College, Philadelphia, PA</p>	<p>Vincenzo Berghella (VB) is has authored over 600 peer-reviewed scientific manuscripts, is the editor or co-editor of medical textbooks such as ‘Obstetric Evidence Based Guidelines’ (in 4th edition), ‘Maternal Fetal Evidence Based Guidelines’ (in 4th edition), ‘Evidence Based Labor and Delivery’, ‘Obstetrics: normal and abnormal pregnancies’, and ‘Operative Obstetrics.’ He is also author of over 40 other books (see <a href="http://www.amazon.com">www.amazon.com</a>). Dr. Berghella has been a member and leader (chairman) of several Committees of the American College of Obstetrics and Gynecology (ACOG), is an Oral Examiner for the American Board of Obstetrics and Gynecology (ABOG) for Maternal-Fetal Medicine, is a Past-President of the Society for Maternal-Fetal Medicine (SMFM), and is a Board member of the SMFM Foundation. He</p>

	<p>is Associate Editor for the American Journal of Obstetrics and Gynecology (AJOG), Editor in chief of AJOG MFM (Founding Editor), Editor for the Journal of Maternal Fetal and Neonatal Medicine, and Associate Editor for the Cochrane Review. He works as a clinician (50% of the time) at TJU, educator, and clinical researcher. His research interests are in high-risk pregnancy, in particular but not limited to prediction and prevention of preterm birth, and management of labor and delivery.</p>
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	<p>Dr. Angie Jelin is the assistant director of prenatal genetics at the Prenatal Diagnostic Center in the Division of Maternal-Fetal Medicine and an associate professor in the Johns Hopkins Medicine Department of Gynecology and Obstetrics. Her areas of clinical expertise include prenatal genetic counseling, fetal imaging, chorionic villus sampling and amniocentesis, with a focus on fetal complications in pregnancy. Dr. Jelin's research involves fetal imaging and genetic diagnoses, including whole exome and whole genome sequencing. She has a specific interest in urogenital anomalies.</p>
<p><b>Angie Child Jelin, MD</b> Associate Professor, Obstetrics and Gynecology Assistant Director, Prenatal Genetics, Johns Hopkins University School of Medicine, Maryland</p>	



Dr. Menachem Miodovnik is an obstetrician-gynecologist in Bethesda, Maryland and is affiliated with multiple hospitals in the area, including MedStar Washington Hospital Center and MedStar Georgetown University Hospital. He received his medical degree from The Hebrew University of Jerusalem Hadassah Medical School and has been in practice for more than 20 years.

**Menachem Miodovnik, MD**

Adjunct Professor, Department of Obstetrics & Gynecology University of Maryland School of Medicine, MD



Dr. Owen Montgomery, MD is an Obstetrics & Gynecology Specialist in Philadelphia, PA and has over 40 years of experience in the medical field. He graduated from Hahnemann University – Philadelphia medical school in 1981. He is affiliated with medical facilities such as Thomas Jefferson University Hospital and Jefferson Methodist Hospital.

**Owen Montgomery, MD**

Professor and Vice President, Women's and Children's Health Service Line,  
Sidney Kimmel College of Medicine  
Thomas Jefferson University, Philadelphia



**Jack Rychik, MD**

Professor & Director, The Fetal Heart Program

Children's Hospital of Philadelphia  
University of Pennsylvania School of Medicine

Dr. Jack Rychik is the Robert and Dolores Harrington Endowed Chair in Pediatric Cardiology and Associate Chief of Pediatric Cardiology at the Children's Hospital of Philadelphia. He is a pediatric cardiologist with specific clinical and research interests in fetal and pediatric echocardiography and in the outcomes of children with single ventricle type of heart disease. Dr. Rychik is Director of the Fetal Heart Program, a clinical service, which provides care for the fetus with cardiovascular disease and its family. The program is one of the largest in North America with over 3500 fetal echocardiograms performed annually. Dr. Rychik is also founder and director of the Single Ventricle Survivorship Program, a unique multidisciplinary program, which focuses on comprehensive sub-specialty services to assess end-organ circulatory consequences of single ventricle type of complex heart disease in children and young adult survivors.



After a 49 year academic career in OB/GYN and Maternal Fetal Medicine, Bud retired from clinical medicine in 2021 in order to focus on his passion for improving healthcare for women in developing countries. He has served on missions in nine countries in four continents, notably helping to establish the first accredited MFM fellowship in Sub-Saharan Africa at the St. Paul's Medical School and University Hospital in Addis Ababa,

**Stuart Weiner, MD**

Professor Emeritus of Obstetrics and Gynecology Reproductive Imaging and Genetics, Maternal Fetal Medicine, Thomas Jefferson University

Ethiopia in 2013.

For the past ten years, he has worked largely with Global Volunteers of St. Pauls, MN, an organization dedicated to improving nutrition, hygiene, and education in under-resourced countries around the world, with a goal of decreasing the incidence of stunting by focusing on the first 1000 days of a child's life from conception to age 2. With Bud's persistent emphasis on the importance of prenatal care and safe delivery in this effort, Global Volunteers funded, built, and staffed its first medical facility with living quarters and lecture hall for staff and volunteers in Ipalamwa, Tanzania in 2018. I was and still am the only accredited OB/GYN on staff. This facility now serves a population of 17,000 in six villages, and the project has been so successful (with a reduction of stunting from 50 to 30%) the Tanzanian Ministry of Health has challenged us to scale this effort to develop 25 such facilities in the rural regions of the country to serve half a million people. I am on the founding committee to develop and guide that effort.



**Dennis Wood, Jr., RDMS, RDCS, RCPT**  
Director, Fetal Echocardiography Course  
Thomas Jefferson University, Pennsylvania

I hope you and your family, colleagues and students are well. We will all get through this pandemic together. Keep calm, wear a mask and wash your hands!

I was taught early in my career to share what I have learned. I have had the great good fortune to work with giants in congenital heart disease, including Bill Rashkind, Vicky Vetter, Bill Norwood, Saemundur Gudmundsson, Jim Huhta, Vincenzo Berghella and many others




	<p>who guided my research in congenital heart disease physiology and my efforts in teaching fetal cardiovascular ultrasound. Over the last 45 years, I have been privileged to work with Project Hope and WHO in training lots of fellows in pediatric cardiology, neonatology and maternal fetal medicine, many of whom have now become the giants of our fields. My rewards have been to present papers and give lectures and courses around the world. Have slides, will travel.</p>
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## FACULTY

	<p>Dr. Kjersti Aagaard, an expert in maternal-fetal medicine, is the Henry and Emma Meyer Professor Chair in Obstetrics and Gynecology at Baylor College of Medicine and Texas Children’s Hospital. She serves as vice chair of research for obstetrics and gynecology and a professor of in the Departments of Molecular and Human Genetics, Molecular and Cellular Biology, and Molecular Physiology and Biophysics. She is a member of the Center for Reproductive Medicine, Digestive Disease Center, Eisenberg Center for Decision Sciences, the Center for Microbiome and Metagenomics Research, and the School for Tropical Medicine. She is a co-Director in the Baylor College of Medicine MSTP MD PhD program. Dr. Aagaard has worked globally for many years, and has focused much of her global health efforts on understanding the causes and cures for the high rate of preterm birth in Malawi since 2011.</p>
<p><b>Kjersti Marie Aagaard, MD., PhD</b> Henry and Emma Meyer Professor Chair in</p>	



<p>Obstetrics and Gynecology          Baylor College of Medicine and Texas Children's Hospital          Professor &amp; Vice Chair of Research,          Department of Obstetrics &amp; Gynecology,          Division of Maternal-Fetal Medicine, Baylor College of Medicine and Texas Children's Hospital</p>	
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	<p>Dr. Aggarwal is an American Board of Medical Genetics (ABMG) certified clinical cyto and molecular geneticist at Columbia University Irving Medical Center (CUIMC). Her research interests include transition of new genomics technologies into the clinical realm, the use of genomic methods for expansion of disease-gene associations and the optimization of interpretation of genomic variants. She leads the Laboratory Genetics and Genomics fellowship training program at CUIMC and has recently obtained ACGME accreditation for the same.</p>
<p><b>Vimla S. Aggarwal, MBBS</b>          Assistant Professor of Pathology &amp; Cell Biology at CUMC          Administrative Titles          Assistant Director, Laboratory of Personalized Genomic Medicine          Assistant Director, Genetics Laboratory          Director, Laboratory Genetics and Genomics Fellowships</p>	

	<p>He is currently working as a Professor in the Faculty of Medicine, Tel Aviv University, Israel. He is serving as an editorial member and reviewer of several international reputed journals. He is the member of many international affiliations. He has successfully completed his Administrative responsibilities. He has authored of many research articles/books related to Science and</p>
<p><b>Prof. Jacob Amir</b>          Professor, Helen Schneider Hospital for Women, Rabin Medical Center, Petach Tikvah, Israel          Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</p>	

	Technology.
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**Lenore Asbel, MD**

Medical Director of City of Philadelphia  
 District Health Center 1, Philadelphia  
 Department of Public Health

Employment 1997 – Present Medical Director of City of Philadelphia District Health Center 1 (Sexually Transmitted Diseases Clinic) and Medical Specialist for the STD Program Philadelphia Department of Public Health · Develop medical protocols and procedures for clinic · Perform medical review · Provide Quality Assurance for the STD clinic · Advise and institute policies and procedures for STD services in the 10 City Health Centers · Advise and institute STD screenings in non-traditional settings including provision of medical direction and coordination for a school district-wide screening program for gonorrhea and chlamydia among high school students · Serve as Principal Investigator for federally funded clinical surveillance grants (MSM prevalence monitoring, SsUN) · Provide guidance for guide public health/disease intervention activities · Provide orientation and direct supervision of resident rotations at PDPH STD clinic 1997 – Present Drexel University College of Medicine Division of Infectious Diseases Assistant Professor of Medicine · Attending Physician, Infectious Disease Service at the Medical College of Pennsylvania · Supervise Fellows, Residents and Students Infectious Disease Rounds, Drexel University College of Medicine (Formerly MCP-HU) Hospital Appointments 2002- Present Hahnemann Hospital Section of Infectious Diseases Broad and Vine Philadelphia, PA 19102 1997-2004 MCP Hospital 3300 Henry Avenue Philadelphia PA 19129 Education 1995-1997 Fellow in Infectious Diseases MCP-Hahnemann University (Now Drexel University College of Medicine) Philadelphia,


PA 19129 1994-1995 Chief Resident in Internal Medicine Medical College Hospitals Elkins Park Elkins Park, PA 19118 · Implemented new program, integrated residents into a community hospital 1991-1994 Resident in Internal Medicine Medical College of Pennsylvania Hospital Philadelphia, PA 19129 1987-1991 Doctor of Medicine Medical College of Pennsylvania (Now Drexel University College of Medicine) Philadelphia, PA 19129 1984-1987 Bryn Mawr College Bryn Mawr, PA 19010 Major: Biology Thesis: Central Nervous System Regeneration Publications and Presentations Book Chapters Asbel LE, Callans D, Tunkel AR "Infections of Intracardiac Devices" in Antimicrobial Anti-Infective Materials – Principles, Applications and Devices, ed. Sawan, Samuel P. and Manivannan, Gurusamy 2000. Journal Articles Anschuetz GL, Beck JN, Asbel L, Goldberg M, Salmon M, Spain C. Determining Risk Markers for Gonorrhea and Chlamydial Infection and Reinfection Among Adolescents in Public High Schools. Sexually Transmitted Diseases. 36(1): 4-8 2009. Asbel LE, Newbern EC, Salmon M, Spain CV, Goldberg M. School-based screening for Chlamydia trachomatis and Neisseria gonorrhoeae among Philadelphia public high school students. Sexually Transmitted Diseases 33(10):614-620. 2006. Greenberg JB, Bloom FR, Coles FB, Asbel LE, Goldberg M, Braxton JR, Brackbill RM. Learning from clients and opportunity for sexually transmitted disease programs. J Public Health Manag Pract. 8(3):59-68. 2002. Asbel LE and Levison ME "Cephalosporins, Carbapenems and Monobactams", Infectious Disease Clinics of North America. 14(2): 435-447. 2000. O'Donnell JA and Asbel LE. "Bacteroides fragilis Bacteremia and Infected Aortic Aneurysm Presenting as Fever of Unknown Origin: Diagnostic Delay without Routine

	Anaerobic Blood Cultures”, Clinical Infectious Diseases. 29(5): 1309-11. 1999.
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	<p>Diana W. Bianchi is the Director of the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and a Senior Investigator in the Center for Precision Health Research at the National Human Genome Research Institute (NHGRI). She received her M.D. from Stanford and her postgraduate training in Pediatrics, Medical Genetics and Neonatal-Perinatal Medicine at Harvard. Dr. Bianchi’s research focuses on noninvasive prenatal screening and development of novel fetal therapies for genetic disorders. She has published over 350 peer-reviewed articles. She has held multiple leadership positions, including Presidents of the International Society for Prenatal Diagnosis (ISPD) and the Perinatal Research Society. She served as the Editor-in-Chief of the journal Prenatal Diagnosis from 2007-2020. In 2013 Dr. Bianchi was elected to the US National Academy of Medicine. She received an honorary Ph.D. from the University of Amsterdam in 2020.</p>
<p><b>Diana Bianchi, MD</b>          Director, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health, MD</p>	

	<p>Clinical Focus          Maternal-Fetal Medicine          Prenatal Diagnosis          Fetal Therapy          Clinical Obstetrics          Obstetrics and Gynecology          Academic Appointments          Associate Professor - University Medical Line,          Obstetrics &amp; Gynecology - Maternal Fetal          Medicine          Member, Maternal &amp; Child Health Research          Institute (MCHRI)          Administrative Appointments          Director of Fetal Therapy, Lucile Packard          Children's Hospital (2017 - Present)          District IX, Section II Chair, ACOG (2015 -          2017)          Chair, Education Committee, SMFM (2015 -          2016)</p>
<p><b>Yair Blumenfeld, MD</b>          Associate Professor - University Medical          Line, Obstetrics &amp; Gynecology -          Maternal Fetal Medicine, Stanford          University</p>	

	<p>Medical Director, Labor &amp; Delivery, Lucile Packard Children's Hospital (2013 - 2017)</p> <p>Education Committee, SMFM (2011 - 2016)</p> <p>All Administrative Appointments (13)</p> <p>Honors &amp; Awards</p> <p>Outstanding Clinical Fellow, Department of Obstetrics &amp; Gynecology, Stanford University (2008)</p> <p>Resident Teaching Award, Department of Obstetrics &amp; Gynecology, Stanford University (2011)</p> <p>APGO Teaching Award, Department of Obstetrics &amp; Gynecology, Stanford University (2012)</p> <p>Professional Education</p> <p>Fellowship: Stanford University Maternal Fetal Medicine Fellowship (2009) CA</p> <p>Residency: Mount Sinai Medical Center (2006) NY</p> <p>Board Certification: American Board of Obstetrics and Gynecology, Maternal and Fetal Medicine (2011)</p> <p>Board Certification: American Board of Obstetrics and Gynecology, Obstetrics and Gynecology (2008)</p> <p>Fellowship, Stanford University, Maternal-Fetal Medicine (2009)</p> <p>Internship: Mount Sinai Medical Center (2003) NY</p> <p>Medical Education: Sackler School of Medicine (2002) Israel</p>
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	<p>Dr. Boggess was born in Queens, New York. She received her B.S. in Nutrition at Cornell University in 1986 and obtained her M.D. from State University of New York at Stony Brook in 1990. Following her Residency in Obstetrics and Gynecology at The University of Washington in 1994, Dr. Boggess completed two Fellowships. She attended her first Fellowship at The University of Washington in</p>
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<p><b>Kim Boggess, MD</b></p> <p>Professor, Maternal-Fetal Medicine Associate Dean for Faculty Affairs UNC</p>	<p>1994 and her second Fellowship at Duke University in 1997 with a concentration on Infectious Disease and Maternal-Fetal Medicine respectively. She also received her Certificate in Health Disparities Research in at UNC Chapel Hill in 2006. She is board certified in Obstetrics and Gynecology as well as Maternal-Fetal Medicine.</p> <p>Dr. Boggess is a Professor with the Division of Maternal-Fetal Medicine. She has a special interest in oral disease on pregnancy outcomes, and was the first investigator to report an association between maternal periodontal infection and preeclampsia.</p>
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	<p>Aaron B. Caughey, M.D., M.P.P., M.P.H., Ph.D., is professor and chair of the Department of Obstetrics and Gynecology and associate dean for Women’s Health Research and Policy at Oregon Health &amp; Science University in Portland, OR. He is the founder and chair of the Centers for Disease Control and Prevention–funded Oregon Perinatal Collaborative, which aims to improve outcomes for women and infants through guidelines and policies working with all the health systems in the state.</p>
<p><b>Aaron B. Caughey, MD, MPH, PhD</b> Professor &amp; Chair of Obstetrics &amp; Gynecology Associate Dean for Women's Health Research &amp; Policy Oregon Health &amp; Science University, Oregon</p>	



**Alison Cernich, PhD**

Deputy Director of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD)

Alison Cernich, Ph.D., became the [Deputy Director of the Eunice Kennedy Shriver National Institute of Child Health and Human Development \(NICHD\) in September 2019](#). In this role, she assists the NICHD Director in overseeing the institute's programs supporting research on child development, developmental biology, nutrition, HIV/AIDS, intellectual and developmental disabilities, population dynamics, reproductive biology, contraception, pregnancy, and medical rehabilitation.

Prior to this position, Dr. Cernich was the Director of NICHD's National Center for Medical Rehabilitation Research (NCMRR), where she managed a \$72 million research portfolio aimed at improving the health and wellbeing of people with disabilities. As NCMRR Director, she led the development and revision of the congressionally mandated [NIH Research Plan on Rehabilitation](#) (PDF 443 KB), an effort that included coordination with 17 institutes and centers and multiple external stakeholders. She also served on multiple interagency strategic planning committees and government oversight committees for research initiatives in the federal government relevant to disability and rehabilitation research.





**Nahida Chakhtoura, MD**

Branch Director of the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

Dr. Chakhtoura's main research areas include: the epidemiology and natural history of HIV infection in pregnant and non-pregnant women, HIV prevention and treatment research in pregnant and non-pregnant women, congenital infections such as Zika and cytomegalovirus, women's health, and cohort studies and clinical trials. She also serves as the executive secretary of the HHS Panel on Treatment of Pregnant Women with HIV Infection and Prevention of Perinatal Transmission.

Dr. Chakhtoura received her M.D. from the University of Miami, Miller School of Medicine, and her Master of Science in global health from Duke University. She completed a residency in obstetrics and gynecology at Jackson Memorial Hospital and was a fulltime faculty at the University of Miami prior to joining NICHD. She still holds a volunteer faculty position with the University of Miami.



**Rabih Chaoui, MD**

Professor of Obstetrics and Gynecology, The Charité University Hospital, Berlin, Germany

Born and schooled in Beirut, Lebanon. Medical studies and specialization in Ob/Gyn at the Charité Medical School, Humboldt University in Berlin German. Since 1986 major interest in the fetal ultrasound. 2001-2004 Professor of Obstetrics and Gynecology at the Charité University Hospital, Berlin-Germany. Since 2004 working in the Center of Prenatal Diagnosis and Human Genetics in Berlin. Germany. ISUOG Member since 1994 Member of the board of ISUOG 2003-2013 including two terms as „Chair of Education committee of ISUOG“. Author of 3 Books on fetal ultrasound and more than 200 papers and book monographies. Major Interest in Ultrasound: Fetal heart, Fetal 3D, First Trimester Ultrasound, Ultrasound in genetic diseases, High-Resolution Ultrasound.



**Richard Choy, PhD**

Professor, Department of Obstetrics and Gynaecology, The Chinese University of HongKong

Dr. Choy's main research interests include:  
(1) Development of novel molecular diagnostic strategies and innovative applications of molecular analysis tools in prenatal diagnosis. My current research focuses on the development of the genomic technologies including chromosomal microarray analysis (CMA) and Low-pass whole genome sequencing (Low-pass WGS) for prenatal diagnosis and reproductive medicine.

(2) Developmental genomic: Applies state-of-the-art technologies in genomic medicine to study the chromosome structure variants (including copy number variation and chromosomal re-arrangements) in human and to study the function of human genome by understanding the molecular mechanisms of normal and abnormal fetal development with particular focus on birth defects and neurogenetics.



**Crystal T. Clark, MD**

Associate Professor of Psychiatry and Behavioral Sciences and Obstetrics and Gynecology, Northwestern University Feinberg School of Medicine

Dr. Clark's clinical expertise is in mood and anxiety disorders. Her research and clinical interests focus on women's mood and anxiety disorders across the reproductive life cycle including during the menstrual cycle, fertility treatments, pregnancy, pregnancy loss, postpartum, and peri-/postmenopause. She also has subspecialty expertise in Bipolar Disorder. Dr. Clark's passion for optimizing treatment in pregnancy for women with Bipolar Disorder has led to her current research focused on dosing lamotrigine (Lamictal), lithium, and atypical antipsychotics in pregnancy. She is also interested in optimizing dosing of psychiatric drug therapies in relation to exogenous use of

hormones during fertility treatments and that related to contraception. She maintains an interest in trauma associated with traumatic birth and as it relates to the recurrence of mood and anxiety symptoms in pregnancy due to past trauma.



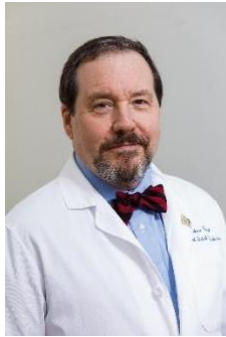
**Maged Constantine, MD**  
Director Maternal-Fetal Medicine  
The Ohio State University  
Wexner Medical Center

Dr. Constantine joined The Ohio State University Wexner Medical Center in July to serve as the director of the Division of Maternal Fetal Medicine in the Department of Obstetrics and Gynecology.

Dr. Constantine is a highly respected clinical investigator, having written more than 100 published scholarly articles and book chapters. His primary research interests are hypertensive disorders of pregnancy as well as perinatal pharmacology.

Most recently from the University of Texas Medical Branch in Galveston, Costantine conducted years-long studies evaluating the efficacy of pravastatin in preventing preeclampsia in pregnant women. While pravastatin has been contraindicated in pregnancy, there is no evidence to support any increased risk of congenital anomalies or other pregnancy complications. Costantine evaluated the existing research and hypothesized that the benefits would greatly outweigh the risks. Women who had preeclampsia in pregnancy are at much higher risk of lifetime hypertension problems and heart disease, and the child is at higher risk for obesity, hypertension and other long-term health and neurodevelopmental problems.

	<p>After many phases of research, including animal models, translational studies, placental perfusion studies and human pilot studies, Costantine’s studies showed such positive results that it’s being translated into a much larger investigational trial, using pravastatin to prevent preeclampsia in high-risk pregnant women. The trial is sponsored by the National Institute of Child Health and Human Development - Maternal Fetal Medicine Units Network and the National Heart, Lung, and Blood Institute.</p> <p>The Ohio State Wexner Medical Center serves as the lead site for the trial and began enrolling patients in July. Costantine hopes this expanded trial will validate the findings of his initial study and will provide a much-needed treatment option for reducing the risk and development of preeclampsia during pregnancy.</p>
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	<p>As an expert in prenatal diagnosis and fetal therapy, Dr. Copel has pioneered new diagnostic techniques for unborn patients and their mothers. He is also an expert in both surgical and non-invasive approaches to maternal-fetal care. “One of the most rewarding aspects of my particular field is when I really can say we made a difference,” says Dr. Copel. “It’s just great to say this kid wouldn’t be here if not for what we did prenatally.”</p> <p>After completing a residency in Obstetrics &amp; Gynecology at Pennsylvania Hospital, Dr. Copel arrived at YNHH in 1983 to complete a</p>
<p><b>Joshua Copel, MD</b>  Professor of Obstetrics, Gynecology, and Reproductive Sciences and of Pediatrics; Vice Chair, Department of Obstetrics, Gynecology</p>	

and Reproductive Sciences; Assistant Dean of Clinical Affairs, Yale Medicine

fellowship in Maternal-Fetal Medicine with Yale University School of Medicine. He stayed on to become a professor in two departments at Yale: Ob/Gyn and Pediatrics. Dr. Copel's clinical interests include fetal echocardiography, chorionic villus sampling (where a small amount of placenta is tested for health risks and chromosomal conditions like Down Syndrome), amniotic fluid testing, and first trimester pregnancy screenings. Dr. Copel is passionate about the high level of care his patients can expect to receive at YNHH, and proud that his team has been able to collaborate with medical societies both across the United States and abroad. "We can reach out with teaching techniques—including teaching about prenatal diagnosis—to large numbers of physicians around the world. What they are going to go and do for their patients is a much broader legacy than just working in a single practice," he says.




**Sarah D. Crimmins, DO**  
Assistant Professor of Obstetrics,  
Gynecology and Reproductive Sciences

Sarah Crimmins, D.O., was named a Top Doctor in the specialty of General Obstetrics/High-Risk Obstetrics and Maternal Fetal Medicine by Baltimore magazine in 2020.

Dr. Crimmins focuses her clinical practice on medical complications of pregnancy. Dr. Crimmins is involved in clinical research on diabetes and obesity in pregnancy.

Pregnancy, for some, is a window that many individuals present for care for the first time in many years. The decisions made during this time can affect maternal and fetal health for

<p>University of Maryland School of Medicine, Baltimore, Maryland</p>	<p>years to come.</p> <p>With this in mind, Dr. Cummins is currently recruiting for a randomized control trial to look at the delivery of care in individuals with gestational diabetes. The study will use mobile technology to give social support as well as group prenatal care to enhance health literacy about both gestational diabetes and Type 2 Diabetes.</p> <p>It is hoped that this research will be a starting point for multiple studies about improving the care of pregnant women.</p>
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	<ul style="list-style-type: none"> <li>• Reproductive Epidemiologist.</li> <li>• International authority on screening, particularly in the antenatal period.</li> <li>• Current academic attachments: Tel Aviv University Faculty of Medicine, Israel; Columbia University Medical Center, USA; and University of Leeds, UK.</li> <li>• Consultant to companies providing or developing the latest screening techniques.</li> <li>• Principal research technique is the linked biological and data bank.</li> <li>• Associated with the Perinatal Quality Foundation which runs the largest NT education and quality review program in the USA.</li> <li>• Member of various national and international scientific committees, and editorial boards.</li> <li>• Formerly President of the International Society for Prenatal Diagnosis</li> <li>• 515 publications in books and medical journals.</li> </ul>
<p><b>Howard Cuckle, DPhil</b>  Visiting Associate Professor, OBGYN, Faculty of Medicine, Tel Aviv University, Israel  Adjunct Professor, OBGYN, Columbia University Medical Center, New York, USA  Emeritus Professor, Reproductive Epidemiology, University of Leeds,</p>	



**Debra Lynn Day Salvatore, M.D., Ph.D.**  
Chair, Department of Medical Genetics &  
Genomic Medicine  
Saint Peter's University Hospital, NJ

Debra-Lynn Day-Salvatore, M.D., Ph.D., F.A.A.P, F.A.C.M.G. is Chair of the Department of Medical Genetics and Genomic Medicine at Saint Peter's University Hospital.

Dr. Day-Salvatore received her undergraduate degree from Harvard University and her medical degree from Case Western Reserve University School of Medicine. Her residency training was in Pediatrics and Adolescent Medicine at the Cleveland Clinical Foundation, and she completed two years of post-graduate training in Medical Genetics at UMDNJ. Dr. Day-Salvatore is also a molecular biologist with a Ph.D. and Masters from New York University Medical Center's Sackler Institute of Graduate Biomedical Sciences specializing in pharmacogenomics. She is recipient of the UMDNJ Foundation's Excellence in Teaching Award for 1994-95, has been consistently voted a Top Doctor by NJ physicians, has authored or co-authored more than 50 scientific papers and 30 book chapters, has made several guest appearances on radio and television, and has lectured both nationally and internationally. She is director of the Regional Center for Newborn Screening and Genetic Services for central New Jersey, chair of the New Jersey Metabolic Newborn Screening Specialty Group and co-chair of the New Jersey Pediatric Complex Disorders Newborn Screening Specialty Group, and is a principal clinical trials investigator and consultant for lysosomal storage disease therapies. She is best known in the international lysosomal community for her interest in the management and treatment of lysosomal storage diseases during pregnancy and recognized nationally for championing newborn screening.





**Sharon Dekel, PhD**

Assistant Professor of Psychiatry  
Founder and Director of the Dekel Lab, PTSD  
Research Program, Mass General  
Neuroscience

Dr. Sharon Dekel is an assistant professor of psychology in the Psychiatry Department at Harvard Medical School and Mass General. Her research focuses on biological and psychological factors associated with ways of coping with stressful events. Her work on the positive outlook of traumatic stress is considered pioneering in the field.

Since joining Mass General in 2013, Dr. Dekel has expanded her research as well as the fields of trauma studies and maternal postpartum wellness in her investigation of childbirth as a potentially traumatic event. She developed an original multidisciplinary research model involving both the Department of Psychiatry and the Department of OB/GYN which has allowed her lab to study over 1,300 postpartum women. The study employs biological and psychological methods to detect the mechanisms underlying maternal growth and psychopathology in the aftermath of childbirth. Dr. Dekel is taking the lead in defining the overlooked condition of childbirth-related post-traumatic stress disorder. Her program is aimed at developing novel tools for early detection of mothers at risk for postpartum mental illness and preventive treatments that are effective and safe.

Dr. Dekel has an extensive record of publication in leading scientific journals. She is a two-time recipient of the Brain and Behavior Research Foundation's Young Investigator Award, Mass General's Clafin Distinguished Scholar Award for Women in Science, and a recent recipient of the Susan A. Hickman Memorial Research Award for impactful research on postpartum mental health. Her research is funded by the NIH.

Dr. Dekel is also a licensed clinical psychology

and has a private practice.




**Andrea Deyrup, MD PhD**  
Professor of Pathology, Duke University  
School of Medicine

Dr. Deyrup received her undergraduate degree from Princeton University in the Department of Ecology and Evolutionary Biology in 1991 before joining the University of Chicago for her PhD (Pathology, 1997), MD (2000) and residency (Anatomic Pathology, 2000-2003). She completed her formal training in soft tissue pathology at Emory and joined the faculty as an Assistant Professor in 2004. She has published extensively in the field of soft tissue and bone pathology, including several chapters for the World Health Organization Classification of Tumours, Pathology and Genetics: Tumours of Soft Tissue and Bone and co-editing Practical Orthopedic Pathology: A Diagnostic Approach.

Since 2015, Dr. Deyrup's career has focused on medical education. At that time, she joined the faculty of the Duke Pathology Department as Course Director of the first-year medical school pathology course; in January of 2019, she was named the Director of Undergraduate Medical Education for the Pathology Department. She also serves on the Undergraduate Medical Education Council for the Association of Pathology Chairs, participated in the 2020-21 Duke Teaching for Equity Fellows Program and was a member of the Duke School of Medicine Health Professions Anti-Racism Task Force.

Dr. Deyrup is one of the co-editors of the new Robbins Pathology textbook, Essential Pathology and of the upcoming 11th edition of Robbins Basic Pathology. She has served on the Editorial Board of Human Pathology since 2007, as the Treasurer for the International

	<p>Society of Bone and Soft Tissue Pathology from 2008 to 2013 and Associate Editor for Case Studies for Human Pathology from 2017-19.</p> <p>Dr. Deyrup is actively committed to antiracism efforts and to improving discussion of health disparities in medical education.</p>
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	<p>Nirmaljit Dhama is the medical director of the Inpatient Perinatal Psychiatry Unit at the Scrivner Center for Mental Health &amp; Addiction Services at El Camino Health. Prior to that she was the Medical Director of the Maternal Outreach Mood Services (MOMS) Program at El Camino Health (2008-2020), and is nationally renowned for her dedication and work in spearheading the program. She was also recently featured on NPR and KQED for her work. She is the current vice chair of the Psychiatry Department at El Camino Health, President of Bay Area Maternal Mental Health, serves on the board of directors of Supporting Mamas and is a psychiatry consultant to Alpha Medical group. She has served on the California Perinatal Mortality Task Force, on the Board of directors of the International Marce Society and is a past fellow of the California Health Care Foundation. She did her medical training at GMC Amritsar India and her residency in adult Psychiatry at UCSD.</p> <p>Her core belief is that maternal mental health</p>
<p><b>Nirmaljit Dhama , MD</b> Medical Director, El Camino Health</p>	

	<p>is crucial to the well-being of the patient and their whole family. Her interests include assessment and treatment of psychotic disorders in pregnancy and postpartum and understanding perinatal suicide.</p> <p>She enjoys swimming, biking, cooking and spending time with her three kids.</p>
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	<p>Lisa Dive has a background in analytic philosophy, professional experience in health policy, and a strong interest in applied ethics in the healthcare context. Her research explores how analysis of fundamental ethical concepts can help in responding to the many ethical challenges that arise in medicine and health care systems. In recent years she has worked on concepts related to patient autonomy, examining how it comes under pressure in information-intensive areas of medicine, and the epistemic challenges that arise with increasing complexity of medical knowledge. She has a particular interest in genomic medicine and the challenge of integrating the ethics of clinical medicine with an ethical public health perspective on healthcare systems.</p>
<p><b>Lisa Dive, PhD; MPhil (Med)</b>  Research Fellow, Sydney Health Ethics  The University of Sydney</p>	

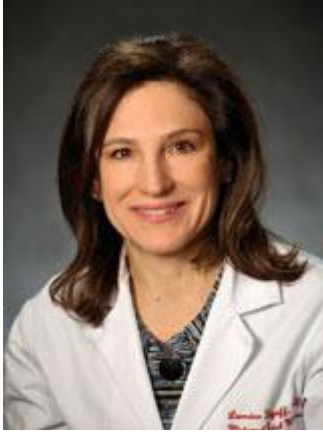


**Mary Donofrio, MD**


Professor and Director, Fetal Heart Program  
Co- Director, Cardiac  
Neurodevelopmental Program,  
Children's National Medical Center  
George Washington University, Washington,  
DC

Mary T. Donofrio, MD, is a Professor of Pediatrics at George Washington University School of Medicine and is a Pediatric/Fetal cardiologist at Children's National Hospital in Washington DC. She is Medical Director of Fetal Cardiology, Director of the Critical Care Delivery Program and Advanced Cardiac Imaging Fellowship, and Founder and Co-director of the Cardiac Neurodevelopmental Outcome Program. Dr. Donofrio specializes in fetal diagnosis and in-utero management of congenital heart disease (CHD), first trimester fetal cardiac imaging, critical care delivery room management and transitional care for complex disease, complex CHD management, and neurodevelopmental outcome assessment of children with CHD. In 2004 she created an evidenced-based risk-assessment protocol for delivery room management which is now the standard of care for newborns with CHD. She is an international expert in fetal cardiology and has published over 100 papers, including the American Heart Association Scientific Statement on the Diagnosis and Treatment of Fetal Cardiac Disease. She has represented the fetal cardiology community as a part of the writing group for the 2013 and 2020 AIUM Fetal Echocardiography Guidelines and the soon to be released Fetal/Neonatal Cardiac Care Guidelines. She is the Founding and current President of the Fetal Heart Society, a non-profit organization created to advance the field of fetal cardiovascular care and science through collaborative research, education and mentorship. Her primary research is the study of cerebral blood flow in fetuses with CHD. She has conducted and participated in multiple research studies, several supported with NIH and AHA grant funding, using ultrasound/brain MRI to understand the

	<p>mechanisms of altered fetal brain development and the impact on neurodevelopmental outcome in CHD. Currently she is a co-investigator on an RO1 grant using mesenchymal stromal cells during cardiopulmonary bypass with a goal to minimize brain injury and improve neurodevelopmental outcome in neonates requiring surgery for CHD.</p>
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	<p>B.A. (Biology/Psychology) Wesleyan University, Middletown, Connecticut, 1984.</p> <p>M.D. Georgetown University School of Medicine, Washington, DC, 1989.</p> <p>Post-Graduate Training House Officer I-II, Obstetrics and Gynecology, Pennsylvania Hospital, Philadelphia, Pennsylvania, 1989-1991.</p> <p>House Officer III-IV, Obstetrics and Gynecology, University of Colorado School of Medicine, Denver, CO, 1991-1993.</p> <p>Fellow, Maternal Fetal Medicine, Department of Obstetrics and Gynecology, University of Colorado School of Medicine, Denver, CO, 1993-1995.</p> <p>Fellow, Clinical Genetics, Departments of Pediatrics and Obstetrics and Gynecology, University of Colorado School of Medicine, Denver, CO, 1995-1996.</p> <p>Colorado Health Outcomes Faculty Scholars Program, University of Colorado School of Medicine, Denver, CO, 2006-2008.</p>
<p><b>Lorraine Dugoff, MD</b> Professor Chief, Division of Reproductive Genetics , Department of Obstetrics and Gynecology, Hospital of the University of Pennsylvania</p>	

	<p>NIH Women's Reproductive Health Research Scholar, Department of Obstetrics and Gynecology, University of Colorado School of Medicine, Denver, CO, 2006-2008.</p> <p>I have responsibility for the Fetal-Neonatal teaching curriculum for Radiology residents and fellows, and for the imaging education of Newborn Medicine fellows. I mentor Radiology, Pediatric and Maternal Fetal Medicine residents and fellows, and collaborate with advanced degree non-MD faculty on technical advancements in imaging fetuses and newborns with congenital anomalies. I collaborate extensively, both clinically in developing and furthering clinical research, with pediatric colleagues in neurology, neurosurgery, gynecology, orthopedics, urology, nephrology, surgery, plastic surgery, genetics and neonatology.</p>
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	<p>I am a pediatric radiologist with expertise in fetal and newborn imaging, including sonography, magnetic resonance imaging and radiography. I am the Division Chief of Fetal and Neonatal Imaging within the Department of Radiology, with responsibility for coordinating newborn imaging and clinical radiology coverage for the Boston Children's Hospital Newborn Intensive Care Unit (NICU), the Brigham and Women's Hospital NICU and the Beth Israel Deaconess Medical Center NICU. I helped to establish the Boston</p>
<p><b>Judy A. Estroff, MD</b></p>	



Fetal and Neonatal Imaging Section Chief,  
Department of Radiology; Staff Radiologist,  
Department of Radiology, Boston Children's  
Hospital  
Associate Professor of Radiology, Harvard  
Medical School

Children's Hospital Advanced Fetal Care  
Center as a major fetal diagnostic center, and  
have been a leader in professional societies  
advancing the goal of improved accuracy in  
the diagnosis and treatment of congenital  
anomalies.

I have responsibility for the Fetal-Neonatal  
teaching curriculum for Radiology residents  
and fellows, and for the imaging education of  
Newborn Medicine fellows. I mentor  
Radiology, Pediatric and Maternal Fetal  
Medicine residents and fellows, and  
collaborate with advanced degree non-MD  
faculty on technical advancements in imaging  
fetuses and newborns with congenital  
anomalies. I collaborate extensively, both  
clinically in developing and furthering clinical  
research, with pediatric colleagues in  
neurology, neurosurgery, gynecology,  
orthopedics, urology, nephrology, surgery,  
plastic surgery, genetics and neonatology.



**Mark Evans, MD**

Professor of Obstetrics & Gynecology  
Mount Sinai School of Medicine, New York

Dr. Mark I. Evans is President of the Fetal Medicine Foundation of America, Professor of Obstetrics & Gynecology at Mt. Sinai School of Medicine, President of the International Fetal Medicine and Surgery Society Foundation, and President of Comprehensive Genetics, PLLC. He is considered one of the major key opinion leaders in the fields of prenatal diagnosis, screening, and fetal therapy worldwide. He routinely lectures every year all over the world and is regularly invited as visiting professor to national and international obstetrics and genetics meetings. Dr. Evans has over 1200 scientific publications including 30 text books. He has had multiple NIH grants including being a principal investigator for the search for fetal cells in maternal blood. He has received numerous national and international honors including receiving the President's Award for Achievement from the Society for Gynecologic Investigation and was elected President of the International Fetal Medicine and Surgery Society twice.



**MAISA N. FEGHALI, MD, MS**

Assistant Professor, Department of

Dr. Feghali aims to transform diabetes care during pregnancy through the use of individualized treatment strategies. Her early work identified differences in pregnancy outcomes in women with diabetes in pregnancy. She performed retrospective analyses and identified a spectrum of diabetes that lead to differences in pregnancy outcomes. She also examined predictors of treatment response and neonatal adverse outcomes in women with diabetes in

Obstetrics, Gynecology & Reproductive Sciences, Division of Maternal Fetal Medicine, UPMC Magee-Womens Hospital

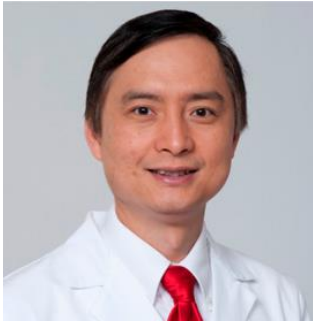
pregnancy. This work demonstrated that diabetes in pregnancy is complex and highlighted the need for further research to determine a better treatment approach to improve maternal and fetal health. She has subsequently used data from the Obstetric-Fetal Pharmacology Research Collaborative studies to examine the response to different treatments for diabetes and the impact of obesity on treatment response. Her work has also looked at differences in the metabolic mechanisms of diabetes in pregnancy and laid the groundwork for a study evaluating individualized treatment for gestational diabetes mellitus, where treatment is matched to a woman's mechanism of diabetes.



**Michael Foley, MD**  
Chief Medical Officer  
Sera Prognostics Inc

Dr. Michael Foley has been appointed to the position of Chief Medical Officer beginning in January 2022. Dr/ Foley initially practiced Maternal-Fetal Medicine in private practice for more than 20 years and retires on December 31, 2021 from the role of Chairman of Obstetrics and Gynecology at the University of Arizona College of Medicine Phoenix/Banner Good Samaritan Regional Medical Center, where he served for nearly a decade. Dr. Foley received his medical degree

	<p>from Chicago Medical School in 1984. He completed an Obstetrics and Gynecology residency and a Maternal-Fetal Medicine fellowship at The Ohio State University Hospital in 1988 and 1990, respectively. He is also an award-winning teacher, author, and has published numerous scientific articles while also serving as a reviewer for several medical journals. Dr. Foley is the Lead Editor of <i>Obstetric Intensive Care: A Practical Manual</i> (McGraw-Hill), which is currently in its fifth edition (2018). He is also a Co-editor for <i>Critical Care Obstetrics-Fifth and Sixth Editions</i> (Wiley-Blackstone).</p>
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	<p>Dr. Shuping Ge is the Professor of Cardiovascular Medicine, Pediatrics, Obstetrics and Gynecology, Geisinger Commonwealth School of Medicine and the System Chair, Pediatric, and Adult Congenital Cardiology, Geisinger Heart and Vascular Institute. He completed his fellowship in pediatric cardiology at the University of Colorado Children's Hospital and is board certified in pediatrics and pediatric cardiology. Dr. Ge has a special interest in non-invasive imaging, including cardiac ultrasound and other imaging modalities used for the diagnosis and assessment of congenital heart defects</p>
<p><b>Shuping Ge, MD, FACC, FAHA, FASE</b>  Professor of Cardiovascular Medicine, Pediatrics, Obstetrics and Gynecology, Geisinger Commonwealth School of Medicine  System Chair, Pediatric, and Adult Congenital Cardiology, Geisinger Heart and Vascular Institute</p>	



**Pamela A. Geller, PhD**

Associate professor  
Department of Psychological and Brain  
Sciences, Drexel University

Dr. Pamela Geller is an associate professor and the Director of Clinical Training for the Clinical Psychology PhD program in the Department of Psychological and Brain Sciences at Drexel University. She is also research associate professor of obstetrics/gynecology in Drexel's College of Medicine. Dr. Geller has studied women's health issues for over 25 years. She received her MS and PhD in clinical psychology from Kent State University and completed a NIH postdoctoral fellowship in psychiatric epidemiology at the Joseph L. Mailman School of Public Health of Columbia University. Her work focuses on the psychological aspects of events surrounding pregnancy and childbirth, such as infertility, pregnancy loss, and postpartum depression. Dr. Geller is a co-founder and co-director of Mother Baby Connections, an intensive outpatient perinatal mental health program at Drexel for pregnant and postpartum women experiencing anxiety and depression and their infants. With a visiting professorship in neonatology at the Children's Hospital of Philadelphia, she and her colleagues are addressing the experiences of mothers with an infant in the Neonatal Intensive Care Unit (NICU) with ongoing projects relevant to parental distress and adjustment, and nurse education. Dr. Geller serves on the Executive Council and chairs the Research Committee of the National Network of NICU Psychologists. She was recently appointed to the Board of the National Perinatal Association. Among other publications, Dr. Geller is an editor of the Health Psychology volume of the

Handbook of Psychology, as well as the book, Women's Health Psychology, both published by Wiley. She has presented her work nationally and internationally and has been featured on BBC Radio programs.



**James D. Goldberg, M.S., M.D**  
Consultant in Reproductive Genetics

Dr. Goldberg is currently a consultant in genetics and women's health. He is board certified in obstetrics and gynecology, maternal-fetal medicine, and medical genetics, and is a founding fellow of the American College of Medical Genetics. He was previously the chief medical officer at Counsyl and Myriad Women's Health. He has also served as president of the Perinatal Quality Foundation and on the board of the Society for Maternal Fetal Medicine. Dr. Goldberg has published extensively in the area of prenatal diagnosis and screening and has served on committees that establish national obstetrical care policy.



**Norbert Gleicher, MD, FACOG, FACS,**  
The Center for Human Reproduction  
in the Upper East Side of Manhattan,  
New York City

Dr. Gleicher grew up in Vienna, Austria, and completed his medical studies at the Medical University of Vienna. After preclinical years, he graduated and completed an internship at the Tel Aviv University Sackler School of Medicine in Israel. He then moved to New York City for a residency in obstetrics and gynecology, and a fellowship in reproductive immunology at Mount Sinai Medical Center. As chief resident, he was awarded the Dr. Solomon Silver Award in Clinical Medicine.

Upon graduation, Dr. Gleicher was appointed to the medical school faculty of Mount Sinai School of Medicine as an assistant professor in

the department as Head of the Division of Reproductive Immunology.

Two years later, he moved to Chicago as Chairman of Obstetrics and Gynecology at Mount Sinai Hospital and Professor of Obstetrics and Gynecology and Immunology/Microbiology at Rush Medical College. He held these positions for 10 years until his resignation when he began focusing on the Center for Human Reproduction, which he founded in 1981.


Since 1990, Dr. Gleicher has held a variety of academic professorial appointments at Chicago Medical School, New York University School of Medicine, and Yale University School of Medicine. Since 1999, he is President, Medical Director, and chief scientist of the Center for Human Reproduction and President of the not-for-profit Foundation for Reproductive Medicine.

Dr. Gleicher has published hundreds of peer-reviewed scientific papers, abstracts, and book chapters in reproductive endocrinology and infertility. Currently, he serves as Academic Editor for PLOS One and is a member of multiple editorial boards. He is a Fellow of the American College of Obstetricians and Gynecologists and the American College of Surgeons, and a member of the American Society for Reproductive Medicine and the European Society of Human Reproduction and Embryology.


While in Chicago, Chicago Magazine repeatedly listed him among “best physicians” in reproductive endocrinology and infertility. Since his return to New York City, he was repeatedly one of only a handful of reproductive endocrinologists listed by the New York Times Magazine on its “Super




	Doctors” list.
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	<p>Francesca Romana Grati is a Biologist (University of Milan), Clinical Laboratory Geneticist (University of Pavia) with a master’s degree in Human Pathology and Heredity (University of Pavia). She is contract professor at the Medical Genetics Speciality School (University of Milan), Chair of the Technologies in Reproductive Screening and Diagnosis SIG at the International Society for Prenatal Diagnosis and therapy (ISPD) and member of the editorial board of Prenatal Diagnosis journal.</p> <p>After a position of research scientist at the University of Milan, in 2005 she moved to TOMA Advanced Biomedical Assays, S.p.A. (Busto Arsizio, Italy) with the role of R&amp;D Director under the guidance of Prof. Giuseppe Simoni, the pioneer of chorionic villi cytogenetic analysis. In 2019-2022 she was Chief Scientific Officer at TOMA. In 2018-2021 she was Chair of the Cytogenetics and cytogenomics working group at Italian Society of Human Genetics (SIGU) and in 2018-2020 she was member of the Board of Directors at the International Society of Prenatal Diagnosis and therapy (ISPD). In 2011 she was a member of the European Joint Research Community (JRC) on a project for the European harmonization for NIPT technologies.</p> <p>Francesca's special interests are in prenatal diagnosis and fetal genetics. Her research is mainly focused on the understanding of the epidemiology of chromosome abnormalities in prenatal population, genetics and</p>
<p><b>Francesca Romana Grati, MSCs, Ph.D</b>  Chief Scientific Officer TOMA  Advanced Biomedical Assays S.p.A.</p>	


	<p>epigenetics of placenta, feto-placental mosaicisms and their impact on pre-implantation genetic screening, prenatal diagnosis, and non-invasive prenatal testing. She is also committed to the evaluation of new clinical technologies, their setup and validation and to the implementation of clinical laboratory guidelines in practice as she believes that the education on Quality in the laboratories could reduce inequalities in care across the NHS.</p> <p>She has published several articles in peer-reviewed journals. She is an invited speaker at national and international scientific meetings, and she also serves as a regular reviewer for numerous international journals, including JAMA, Prenatal Diagnosis, Ultrasound in Obstetrics and Gynecology.</p>
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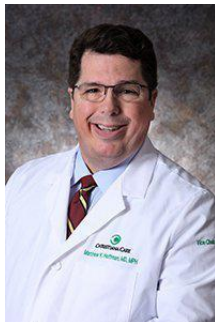
	<p><b>Joseph L. Graves Jr.</b> (born 1955) is an American <a href="#">evolutionary biologist</a> and <a href="#">geneticist</a>. He is a professor of biological science at <a href="#">North Carolina Agricultural and Technical State University</a>, and a former associate dean for research at the Joint School for Nanoscience and Nanoengineering, which is jointly administered by North Carolina A &amp; T State University and <a href="#">UNC Greensboro</a>.<sup>[1][2][3]</sup></p> <p>His past research has included an examination of the <a href="#">evolution</a> and physiological performance in <a href="#">Drosophila</a>, a genus of small flies often called fruit flies. His current work includes the genomics of adaptation, as well</p>
<p><b>Joseph L. Graves Jr. PhD.</b>  Professor of biological science  North Carolina Agricultural and  Technical State University</p>	

	<p>as the response of bacteria to metallic <a href="#">nanoparticles</a>. A particular application of this research has been to the evolutionary <a href="#">theory of aging</a>.<sup>[1]</sup></p> <p>Drawing upon his background in evolutionary biology and genetics, he has also written two books that address myths and theories of <a href="#">race</a> in American society. Graves has made appearances in six documentary films on these topics.</p> <p>He has been a principal investigator on grants from the <a href="#">National Institute of Health</a>, the <a href="#">National Science Foundation</a> and the Arizona Disease Research Commission, and is a Fellow of the Council of the <a href="#">American Association for the Advancement of Science</a>.<sup>[4][2]</sup></p>
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	<p>Dr. Gregg is board certified in obstetrics and gynecology and medical genetics and genomics, and he is committed to providing quality and compassionate care. His clinical interests include medically complicated pregnancies, higher-order pregnancy, obesity in obstetrics, cervical incompetence, preterm birth and ruptured membranes, genetic screening and fetal diagnosis. He understands pregnancies complicated by birth defects, and his genetics certification uniquely qualifies him to care for those pregnancies complicated by maternal or fetal genetic problems. Dr. Gregg held prior faculty appointments by the University of Iowa, Baylor College of Medicine (Houston) and the University of South Carolina. He was most recently Professor and</p>
<p><b>Anthony Gregg, MD, MBA</b>  Department of Obstetrics &amp; Gynecology &amp; MFM  University of South Carolina School of Medicine  President, American College of Medical Genetics</p>	

	<p>Director of Maternal Fetal Medicine and the Maternal Fetal Medicine Fellowship Program at the University of Florida. He is Past-President of the Perinatal Research Society, an international organization with membership limited to those with past track record in research that impacts pregnancy and neonatal care. Dr. Gregg held prior research support through the National Institutes of Health. He is President-Elect of the American College of Medical Genetics and Genomics. He has co-authored national policy statements on the topic of non-invasive prenatal screening and expanded prenatal carrier screening. In addition, Dr. Gregg was invited to speak before a congressional sub-committee seeking to learn more about prenatal genetic screening.</p>
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	<p>Dr. Hays is a neonatologist specializing in the care of critically ill infants and newborns. He completed his MD, PhD, and pediatric residency at the Carl Icahn School of Medicine at Mount Sinai, and his neonatology fellowship at the Columbia University Irving Medical Center.</p>
<p><b>Thomas Hays, MD, PhD</b>  Assistant Professor of Pediatrics  Division of Neonatology  Columbia University Irving Medical Center  New York-Presbyterian Morgan Stanley  Children's Hospital</p>	<p>His research interests include the genetic basis of congenital diseases, particularly anomalies of the kidneys, and how genetic diagnoses can be used to improve the care of infants, and to help them and their families.</p>



**Matthew K. Hoffman, M.D., MPH, FACOG**  
Marie E. Pinizzotto, M.D., Endowed Chair of  
Obstetrics and Gynecology for Christiana  
Care Health System, DE

Matthew K. Hoffman MD MPH is the Marie Pinizzotto Endowed Chair of Obstetrics & Gynecology at Christiana Care in Newark Delaware and Professor of Obstetrics & Gynecology at Thomas Jefferson University. His research interests have focused on preterm birth, health equity, international health, big data/predictive analytics and digital outreach in obstetrics. Amongst the many research initiatives he has led include the ASPIRIN trial (Aspirin Supplementation for Pregnancy Risk Indicated risk Reduction in Nulliparas), ASPIRIN NEURO Followup (Neurologic follow up of the children whose mothers participated in the ASPIRIN trial) and the NICHD MFMU's TOPS (Trial Of Pessary in Singletons). Additionally, he has worked with big data including being part of the NICHD's Consortium of Safe Labor and has published several machine learning models in obstetrics. Much of his current work has been focused on community outreach and improving patient outcomes through remote patient monitoring and connecting communities across the state of Delaware to receive have quality obstetrical care. He is a graduate of the University of Pennsylvania (BA), University of Florida (MD), Penn State University (Residency) and Johns Hopkins University (MPH). He has published over 100 papers in peer reviewed journals and remains active in clinical medicine and residency education.



**June Andrews Horowitz, PhD, RN, PMHCNS-BC, FAAN**

Associate Dean for Graduate Studies and Research & Professor  
College of Nursing and Health Sciences  
University of Massachusetts Dartmouth

Dr. June Andrews Horowitz joined UMass Dartmouth in 2016 as Associate Dean for Graduate Studies and Research, and Professor at the College of Nursing. She is also Professor Emerita at Boston College, where she served on the faculty of the William F. Connell School of Nursing for most of her career. Immediately prior to joining UMass Dartmouth, she served as Associate Dean for Research at the College of Nursing, Thomas Jefferson University in Philadelphia. Dr. Horowitz received her BS in nursing from Boston College, her MS in psychiatric-mental health nursing from Rutgers—The State University of New Jersey, and her PhD in nursing research and theory development from New York University. In her scholarship, she has made significant scientific contributions regarding family mental health, most notably from investigations concerning postpartum depression (PPD) and maternal-infant interaction quality. Additionally, she has conducted school-based research, and has expertise in quantitative and qualitative research methods. She has published and presented extensively. Dr. Horowitz is a fellow of the American Academy of Nursing and a board-certified Clinical Specialist in Psychiatric-Mental Health Nursing. She is an Executive Board member for Mother-Baby Connections, an intensive out-patient program in Philadelphia for women who experience perinatal mental health disorders and their infants. In addition, Dr. Horowitz is President-elect, a member of the Board of Directors, and current co-chair of the Conference Planning Committee for the International Family Nursing Association.



**James Huhta, MD**

Professor of Pediatrics, University of Florida,  
Tampa

James Huhta MD is a pioneer in fetal cardiology with 300 papers, books, and chapters published. Former Professor of Pediatrics at Penn and Daicoff chair holder at Univ of S FL, he continues Perinatal Cardiology practice in Tampa , Florida where he is employed by Mednax and leads the Florida Perinatal Cardiology Consortium. He is noted for achievements in the diagnosis and treatment of many causes of fetal heart failure using the Cardiovascular Profile Score.



**Krista Huybrechts, MS, PhD**

Dr. Krista F. Huybrechts is an Associate Professor of Medicine and Epidemiology at Harvard Medical School and Harvard T.H. Chan School of Public Health, and Adjunct Associate Professor at the Boston University School of Public Health. She teaches graduate level courses in pharmacoepidemiology at both institutions.

Dr. Huybrechts founded and directs the Harvard Program on Perinatal and Pediatric

Associate Professor of Medicine and  
Epidemiology, Harvard Medical School, Boston

Pharmacoepidemiology. Her research centers on generating evidence regarding the safety and effectiveness of psychotropic medications during pregnancy. Her work, which is funded primarily by the National Institutes of Health, focuses on the use of advanced epidemiological and statistical methods applied mainly to large databases derived from health data collected in the context of routine medical care to help address the unique questions regarding benefit-risk trade-off for prescription medication use faced by the perinatal mental health community.

Dr. Huybrechts is an Associate Editor for Pharmacoepidemiology and Drug Safety and served on the Board of Directors of the International Society of Pharmacoepidemiology (ISPE) as Vice President Finance from 2017-2020. She currently serves as treasurer of Marcé of North America. She is a voting member for the FDA Drug Safety and Risk Management Advisory Committee.





**Edgar Jaeggi, MD**

Section Head, Fetal Cardiac Program  
Professor, Department of Paediatrics, Sick  
Kids, Canada

Dr. Edgar Jaeggi graduated from the Medical School at the University of Basel, Switzerland, in 1984. Following his paediatric residency in Switzerland, Jaeggi trained in paediatric cardiology at the University Children's Hospitals of Zurich and Geneva, Switzerland, the Westmead Hospital in Sydney, Australia, in fetal and interventional cardiology at the Sainte-Justine Hospital in Montreal, and electrophysiology at The Hospital for Sick Children (SickKids) in Toronto. In 1998, Jaeggi joined the clinical staff at the University Hospital of Geneva where he directed the Paediatric Electrophysiology Service. In September 2002, he returned to Toronto to join the Division of Cardiology and the Translational Medicine program at SickKids. In December 2003, Jaeggi became the head of the Fetal Cardiac Program, one of the largest and most successful fetal cardiac programs worldwide.



**Jennifer M. Kalish, MD, PhD**

Attending Physician  
Research Scientist, Center for Childhood  
Cancer Research

Jennifer M. Kalish, MD, PhD, is a pediatric geneticist at Children's Hospital of Philadelphia, with special interest in Beckwith-Wiedemann syndrome and cancer predisposition. She holds the Lorenzo "Turtle" Sartini Jr. Endowed Chair in Beckwith-Wiedemann Syndrome Research.

Areas of Expertise: Beckwith-Wiedemann syndrome, Cancer predisposition, Clinical genetics, Dysmorphology, Epigenetics, Epigenetic mosaicism, Hyperinsulinism, Overgrowth disorders, 11p overgrowth associated with hypoglycemia

Lorenzo "Turtle" Sartini Jr. Endowed  
Chair in Beckwith-Wiedemann Syndrome  
Research

Assistant Professor of Pediatrics,  
Perelman School of Medicine at the  
University of Pennsylvania  
Assistant Professor of Genetics,  
Perelman School of Medicine at the  
University of Pennsylvania



**Elizabeth Kichula, MD, PhD,**  
Pediatric Neurologist, Children's Hospital of  
Philadelphia  
Assistant Professor of Neurology, University  
of Pennsylvania

Dr. Kichula is a pediatrician neuromuscular physician at Children's Hospital of Philadelphia. She completed her MD/PhD at Mount Sinai School of Medicine and her pediatric neurology and neuromuscular fellowships at Children's Hospital of Philadelphia. At CHOP she has helped to establish treatment programs for Spinal Muscular Atrophy, integrating nusinersen and onasemnogene into the clinic.



**Edwin Kirk, MBBS PhD**  
Professor  
Clinical Genetics, Sydney Children's  
Hospital

Edwin Kirk is an Australian geneticist. He has worked as a clinical geneticist at Sydney Children's Hospital for more than 20 years and as a genetic pathologist at New South Wales Health Pathology's Randwick Genomics Laboratory since 2016. He is a Conjoint Professor in the School of Women's and Children's Health at the University of New South Wales. In recent years, his main research focus has been reproductive genetic carrier screening. He is co-lead of the Australian Government funded Australian Reproductive Genetics Carrier Screening

Genetic Pathology, Randwick Genomics Laboratory, Sydney

Project ('Mackenzie's Mission'). Kirk is the author of a popular science book, *The Boy Who Wasn't Short: human stories from the revolution in genetic medicine*.



**Zvi Leibovitz, MD**  
Professor, Bnei Zion Hospital, Haifa, Israel

Dr. Zvi serves as a director of the Ultrasound Unit, OB/GYN department, Bnai Zion Medical Center, Haifa, Israel and co-director of Fetal Neurology Clinic, Wolfson Medical Center, Holon, Israel. / His main research interests are: fetal neurosonography and prenatal sonographic diagnosis of CNS malformations. / His teaching experience in the field of fetal neurosonography includes numerous local and international Fetal Neurosonography masterclass courses held under the auspices of International Society of Ultrasound in Obstetrics and Gynecology in USA, Israel, Romania, Russia, and Ukraine.



**Brynn Levy, M.Sc.(Med)., Ph.D., FACMG**  
Professor of Pathology & Cell Biology at  
CUMC  
Director, Clinical Cytogenetics Laboratory  
Co-Director, Division of Personalized  
Genomic Medicine  
College of Physicians and Surgeons  
Columbia University Medical Center & the  
New York Presbyterian Hospital

Brynn Levy, M.Sc. (Med), Ph.D. is a Professor of Pathology and Cell Biology at the Columbia University Medical Center. He is also the Director of the Clinical Cytogenetics Laboratory of the New York Presbyterian Hospital and a Co-Director of the Division of Personalized Genomic in the Department of Pathology; Cell Biology. Dr. Levy is regarded internationally as an expert in the clinical utility of genomic technologies in reproductive medicine. He has authored multiple book chapters and publications on molecular genetics, clinical cytogenetics and molecular cytogenetics and lectured internationally about his experience utilizing CGH and high resolution SNP microarrays both as a clinical and research tool. His research areas of interest include early prenatal screening using fetal cells and cell-free fetal DNA from maternal circulation, PGD and the etiology of recurrent miscarriage. Dr. Levy was a Co-Investigator of the Multicenter NICHD study that investigated the use of microarrays for prenatal diagnosis and was the Columbia University site Principal Investigator of a NIH-funded study from the Stillbirth Collaborative Research Network (SCRN) that assessed CNVs in stillbirths. Dr. Levy is the past President of the Cancer Genomics Consortium (GCC) and was the PI at Columbia University Medical Center for the GCG Multi-center Quality Control trial that performed cross-platform validation of cytogenomic arrays for cancer diagnostics. Dr. Levy currently serves as the Genetics and Genomics Section Editor for the journal Prenatal Diagnosis.



**Christopher L. Lindblade, MD**

Director of the Fetal Cardiology program,  
Phoenix Children's  
Assistant Professor of Pediatrics, Mayo Clinic,  
University of Arizona College of Medicine and  
Creighton University School of Medicine.

Dr. Christopher Lindblade is the Director of the Fetal Cardiology program at Phoenix Children's and an Assistant Professor of Pediatrics at the Mayo Clinic, University of Arizona College of Medicine, and Creighton University School of Medicine. He is a pediatric cardiologist with expertise in advanced imaging modalities including fetal echocardiography and transthoracic and transesophageal echocardiography.

Dr. Lindblade received his BS from Wheaton College and completed his Pediatric Cardiology Fellowship at Indiana University School of Medicine. In addition to his extensive research and publications, he is Chair of the Annual Phoenix Children's Fetal Cardiology Symposium and serves as co-Chair of the Conference Committee and Secretary of the Executive Board of the Fetal Heart Society.

When not at work, Dr. Lindblade enjoys hiking, running and playing percussion.



**Richard Owen Lorber, MD**

Division of Cardiology, Department of Cardiovascular Medicine, Nemours Childrens Hospital, Delaware

**Education & Training**

**Fellowships**

Pediatric Cardiology - Children's Memorial Hospital, 2000

Pediatric Echocardiography - Mount Sinai School of Medicine, 2001

Intern/Residency Combined

General Pediatrics - Baystate Medical Center, 1993

Medical/Dental School

MD - Medical College of Wisconsin, 1990

Board Certifications

American Board of Pediatrics/Pediatric Cardiology




**Vincent Lo Re III, MD, MSCE**

Associate Professor of Medicine and Epidemiology Division of Infectious Diseases, Department of Medicine  
Co-Director, Master of Science in Clinical Epidemiology Degree Program Center for Clinical Epidemiology and Biostatistics Perelman School of Medicine, University of Pennsylvania  
President, International Society for Pharmacoepidemiology Regional Editor for the Americas, Pharmacoepidemiology and Drug Safety

Dr. Vincent Lo Re is a tenured Associate Professor of Medicine in the University of Pennsylvania Division of Infectious Disease, Senior Scholar in the Penn Center for Clinical Epidemiology and Biostatistics, and Senior Investigator in the Penn Center for Pharmacoepidemiology Research and Training. Dr. Lo Re leads an NIH-funded research program focused on infectious diseases epidemiology and pharmacoepidemiology, particularly related to chronic viral hepatitis infection and HIV. He has particular expertise in evaluating health outcomes of interest within electronic healthcare databases. His research has been funded by the National Institute of Allergy and Infectious Diseases, National Institute of Diabetes and Digestive and Kidney Diseases, National Cancer Institute, Agency for Healthcare Research and Quality, Department of Veterans Affairs, and the US Food and Drug Administration. He maintains an active clinical practice devoted to the care of patients with infectious diseases, particularly HIV and chronic viral hepatitis. In addition to his clinical and research efforts,

	<p>he is Co-Director of Penn’s Master of Science in Clinical Epidemiology degree program and has been an active member of the International Society for Pharmacoepidemiology, serving on the Board of Directors from 2015-2018, Scientific Program Chair for the 35th International Conference for Pharmacoepidemiology &amp; Therapeutic Risk Management in August 2019, and President (2021-2022). He is also Regional Editor for the Americas of Pharmacoepidemiology and Drug Safety.</p>
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	<p>Born in Montevideo, Uruguay, Gustavo Malinger, MD, traveled to the opposite side of the globe for his education, where he studied at Hebrew University Hadassah Medical School and earned his medical degree from the Sackler School of Medicine, Tel Aviv</p>
<p><b>Gustavo Malinger, MD</b> Professor, Director, Obstetrics and Gynecology Ultrasound Unit, Lis Maternity and Women's Hospital, Tel</p>	<p>University. He subsequently completed his residency in obstetrics and gynecology at the Edith Wolfson Medical</p>

Aviv


Center (WMC), where he also served as a lecturer and as a tutor in surgical technique. From 1994 until 2012, he was director of the Prenatal Diagnosis Division and codirector of the Fetal Neurology Clinic at WMC. Since 2013, Professor Malinger has been director of the Obstetric and Gynecologic Ultrasound Division at Lis Maternity Hospital—the obstetric and gynecologic facility of Tel Aviv Sourasky Medical Center.

Known worldwide for his research on the fetal brain, Professor Malinger has published close to 150 manuscripts and book chapters, including the first descriptions of fetuses with congenital Zika virus syndrome. His most recent book, *Ultrasonography of the Prenatal Brain*, was completed in collaboration with Ilan Timor-Tritsch, MD, FAIUM, Ana Monteagudo, MD, RDMS, FAIUM, and Gianluigi Pilu, MD, FAIUM (hon), and published in 2012.


An associate clinical professor at the Sackler School of Medicine, Professor Malinger has been a strong proponent of education since his medical school days. Not only has he presented more than 120 lectures at meetings in Israel, the United States, Europe, and South America, he has served as a course director, symposium director, or congress director for organizations around the world ranging from the Israeli Society of Ultrasound to the First Israeli Congress on Fetal Neurology to multiple World Congresses of Ultrasound in Obstetrics and Gynecology to various “Advanced Courses” for the International Society of Ultrasound in Obstetrics and Gynecology



	<p>(ISUOG).  2017 AIUM Annual Convention Award  Winners • <a href="http://www.aium.org">www.aium.org</a>  Professor Malinger has served as an external expert on reproductive health and research for the World Health Organization and has supervised the work of 3 doctoral candidates and 5 students earning their master's degrees. A reviewer for 16 medical journals and member of the Editorial Board of Ultrasound in Obstetrics and Gynecology, Professor Malinger is active in a dozen medical associations throughout the world. Both the Chilean Society of Ultrasound in Medicine and Biology and the Argentinean Society of Ultrasound in Medicine and Biology have granted him honorary membership status as well. The American Institute of Ultrasound in Medicine is pleased to add one more additional honorary membership to this physician's impressive curriculum vitae.</p>
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	<p>Dr McElrath is an attending physician in the Division of Maternal-Fetal Medicine at the Brigham &amp; Women's Hospital. His clinical work involves providing direct patient care for women who are at risk of pregnancy complications particularly those at an increased risk of preterm birth or pregnancy</p>
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<p><b>Thomas McElrath, MD, PhD</b></p> <p>Associate Professor in the Department of Epidemiology, Division of Maternal-Fetal Medicine at the Brigham &amp; Women's Hospital, Harvard</p>	<p>loss. He is also involved in the clinical teaching of medical students, residents and fellows within the Harvard system and he directly manages the delivery of over 200 babies per year.</p> <p>Dr McElrath is also the PI on the LIFECODES pregnancy biobank and has a long-standing interest in perinatal and reproductive epidemiology. His lab's interests are divided into two main areas of focus: Exploring the effects of endocrine disrupting environmental exposures on pregnancy outcome and the utility of exosomes in predicting adverse pregnancy outcome.</p>
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	<ul style="list-style-type: none"> <li>◦ A/Professor Department of Obstetrics and Gynaecology, University of Melbourne</li> <li>◦ Consultant Obstetrician Gynaecologist Sonologist, Mercy Hospital for Women (1996 – present)</li> <li>◦ Medical Director, Monash Ultrasound for Women (Current position)</li> <li>◦ Lecturer Monash University (1996 –2021)</li> <li>◦ Council Member, Australian Society for Ultrasound in Medicine (ASUM) (2007-2012)</li> <li>◦ Chairman Standards of Practice Committee, Australian Society for Ultrasound in Medicine (2007 – 2012)</li> <li>◦ Board Member, Diploma in Diagnostic Ultrasound (DDU) Australian Society for Ultrasound in Medicine (2005-2015)</li> <li>◦ Examiner for Diploma in Diagnostic Ultrasound (DDU), Australian Society for</li> </ul>
<p><b>Simon Meagher, BSc (Hons), MB</b>  Medical Director of Monash Ultrasound for Women  Monash Ultrasound, Australia</p>	

Ultrasound in Medicine (2007-2012)

- Board Director, Monash Ultrasound for Women (Monash IVF Group, Australia) (2011 – 2015)
- Chairman Melbourne (Victorian) Obstetric Sonologists (2010- 2014)
  
- ISUOG (International Society for Ultrasound in Obstetrics and Gynaecology) -Ambassador to Asia and Pacific region
- ISUOG International faculty of speakers
- ISUOG Joint Head of Courses committee
- ISUOG Online education committee
- ISUOG VISUOG committee
  
- Delivered over 700 lectures, across 15 countries, and 40 cities worldwide.
- Awarded 'Sonologist of The Year' by the Australian society of Ultrasound in medicine 2015 (ASUM)
- Published over 80 articles in Peer review journals
- Has described five original sonographic fetal markers during the first and second trimesters of pregnancy.
- Co- Founder 'Scan-Academy' with Prof Aris Papageorghiou and Prashant Acharya
- Scan Academy started during the pandemic lockdown in 2020 and has since delivered 17 three hour webinars which have been live streamed in several languages (English Spanish Portuguese Russian & Chinese) to over 50 countries worldwide
- Scan academy attracts average attendances of 3000-7000 per webinar and to date has a total reach to 29,000 unique practicing clinicians and sonographers worldwide.



**Dror Meirow, MD**

Professor, Sackler Faculty of Medicine, Tel-Aviv University, Israel.  
Head of the Clinical Center for Fertility Preservation and the Fertility Preservation Research Laboratory, Sheba Medical Center, Tel-Hashomer, Israel.


Professor Dror Meirow is the head of the Clinical Center for Fertility Preservation and the Fertility Preservation Research Laboratory at Sheba Medical Center, Tel-Hashomer, Israel. Prof. Meirow is also a Professor at the Sackler Faculty of Medicine, Tel-Aviv University, Israel.

Prof. Meirow received his M.D. from the Hebrew University, Jerusalem, Israel. He then specialized and practiced as a senior physician in Obstetrics and Gynecology at Hadassah University Hospital. He conducted his basic research training at the Center for Reproduction Growth and Development, University of Leeds, UK, led by Prof. Roger Gosden. Since 2001, he has headed the Clinical Center for Fertility Preservation and the Fertility Preservation Research Laboratory at Sheba Medical Center. He has supervised dozens of students and doctors in their basic and clinical research in the field of fertility preservation.


Professor Meirow's basic and clinical research is focused on the effects of chemotherapy on reproduction, and modalities for fertility preservation in cancer patients, including ovarian tissue harvesting for fertility preservation, IVF and embryo freezing, and medications that can prevent chemotherapy-induced ovarian damage. He has written more than a hundred original articles, reviews, monographs, book chapters and position papers on these subjects.

Prof. Meirow reported in the New England Journal of Medicine the first case of IVF, pregnancy, and delivery of a healthy baby to result from transplantation of cryopreserved thawed ovarian tissue in a sterilized former cancer patient.

	<p>Recently, a team of researchers from Prof. Meirow's laboratory published a pioneer study in Science TM Journal providing a new understanding of the mechanisms involved in chemotherapy-induced ovarian damage, and testing a novel fertility protecting agent. For their achievements the team of researchers led by Prof. Meirow received dozens of national and international grants during the last years.</p> <p>Prof. Meirow was among the founders of the Fertility Preservation Special Interest Group (PFSIG) of the ASRM and is currently on the board of International Society of Fertility Preservation (ISFP) and the ESHRE Fertility Preservation task force.</p>
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	<p>Torri Metz, MD, MS, is Vice-Chair for Research and an Associate Professor of Obstetrics and Gynecology at the University of Utah Health. She is a practicing maternal-fetal medicine subspecialist. Dr. Metz completed both her medical school and residency training at the University of Colorado. She then went on to complete her Maternal-Fetal Medicine fellowship and Masters of Science in Clinical Investigation at the University of Utah in 2012. She is a member of both the American College of Obstetricians and Gynecologists (ACOG) Committee on Clinical Practice Guidelines-Obstetrics and the Society for Maternal-Fetal Medicine Clinical Document Review Panel. Nationally, she also serves as the Associate Editor for Obstetrics for the Green Journal, Obstetrics and Gynecology, and is an American Board of Obstetrics and</p>
<p><b>Torri Metz, MD</b> Associate Professor, Vice Chair of Research, Maternal-Fetal Medicine, Department of Obstetrics &amp; Gynecology, University of Utah, Salt Lake City, Utah</p>	

	<p>Gynecology board examiner for both specialty and subspecialty boards. She has received numerous teaching awards including the ACOG District VIII Mentor of the Year Award, and the National CREOG Award for Excellence in Resident Education. She has RO1 funding from the National Institutes of Health to study the association between marijuana use and adverse pregnancy outcomes. She leads the NICHD Maternal-Fetal Medicine Units Network study examining the effects of COVID-19 on serious maternal morbidity and mortality. She is also leading an NHLBI-funded four-year longitudinal study on the post-acute sequelae of SARS-CoV-2 infection on mothers and their offspring as part of the trans-NIH RECOVER consortium.</p>
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	<p>Dr. Jena Miller is an assistant professor in the Department of Gynecology and Obstetrics and the Department of Surgery at Johns Hopkins. She is also a member of the Johns Hopkins Center for Fetal Therapy. She has a wide range of training in fetal medicine and fetal therapy. Her expertise includes operative fetoscopy, management of complicated monochorionic twins, high-risk pregnancies, multiple gestations, prenatal diagnosis and treatment.</p>
<p><b>Jena Lyn Miller, MD</b> Assistant Professor of Gynecology and Obstetrics, Johns Hopkins</p>	




**Florence Momplaisir, MD, MSHP, FACP**  
Assistant Professor, Medicine, Perelman  
School Medicine

Florence Momplaisir, MD, MSHP, FACP is an early career physician scientist and Assistant Professor at the University of Pennsylvania in the Division of Infectious Diseases. Her clinical research focuses on improving postpartum retention and viral suppression of women living with HIV and on decreasing racial disparities in HIV prevalence among U.S. populations. Dr. Momplaisir was selected to be an HIV Prevention Trial Network (HPTN) Scholar and an International Maternal Pediatric Adolescent AIDS Clinical Trial Network (IMPAACT) Scholar. Using HPTN 037 data, she evaluated the association between individual, behavioral and network related factors and racial disparities in HIV prevalence among people who inject drugs (PWIDs). Using data from IMPAACT P1025, she evaluated the association between prenatal depressive symptoms and viral suppression at delivery and postpartum, and the mediating role of antiretroviral therapy adherence.

In addition to her research, Dr. Momplaisir actively advocates for the care of women living with HIV through her involvement regionally with the Philadelphia Department of Health's Fetal Infant Mortality Review and nationally with the Centers for Disease Control Elimination of Maternal Child Transmission of HIV infection Stakeholders Group. She serves as an expert panel member in the Department of Health and Human Services Perinatal HIV treatment guidelines. She is currently serving as a PI for an R01 funded study, conducting a multi-site randomized clinical trial to test a peer-led behavioral intervention to improve postpartum viral suppression, with the goal of improving maternal viral suppression and maternal health. Dr. Momplaisir has extensive experience providing care for

	women with and at risk for HIV during pregnancy and the postpartum period
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	<p>Dr Mone has completed dual training and qualification in Maternal Fetal Medicine and Prenatal Genomics. She began consultant life at the Birmingham Women's and Children's NHS trust where she collaboratively translated the PAGE study into clinical practice, providing a bespoke prenatal genetics clinic and MDT as well as being a member for the Genomic Rare Disease Advisory Board where she facilitated the education and service development of prenatal exome sequencing. She is now a clinical academic based at the Genomics Hub at the Centre for Public Health at Queen's University Belfast as well as editor for genetics for Ultrasound in Obstetrics and Gynecology, co-chair for the fetal imaging and phenotyping SIG for ISPD as well as board committee member for both the British Maternal Fetal Medicine Society and Scientific Impact Committee for the Royal College of Obstetricians and Gynaecologists.</p>
<p><b>Fionnuala Mone PhD MSc (Genomics) MRCOG MRCPI PGCE</b> Academic Clinical Lecturer Maternal Fetal Medicine Centre for Public Health, Queen's University Belfast Scientific Impact Committee Member and MRCOG Examiner Royal College of Obstetricians and Gynaecologists Editor (Genetics) Ultrasound Obstetrics &amp; Gynecology Committee Member (Abstract Co-ordinator) British Maternal &amp; Fetal Medicine Society Co-Chair of the Imaging &amp; Fetal Phenotyping SIG International Society of Prenatal Diagnosis Consultant Maternal Fetal Medicine (honorary) Royal Jubilee Maternity Service</p>	





**Ana Monteagudo, MD**

Clinical Professor of Obstetrics & Gynecology  
Icahn School of Medicine at Mount Sinai  
Carnegie Imaging for Women, New York  
Maternal Fetal Medicine Associates

Prior to joining the practice, Dr. Monteagudo served for many years on full time faculty at New York University where she served as a full Professor and held multiple leadership and teaching positions, including Director of Maternal Fetal Medicine, Director of the MFM Fellowship, and Director of the OBGYN Ultrasound unit. She has also served on the highly prestigious Board of Governors for the American Institute of Ultrasound in Medicine (AIUM) and is the author of several notable textbooks in OBGYN ultrasound imaging. Dr. Monteagudo specializes in ultrasound imaging and diagnosis of the fetal brain as well as gynecologic pathology.



**Anita J. Moon-Grady, MD**  
Professor, Pediatrics  
Director, UCSF Fetal Cardiovascular Program

Dr. Anita Moon-Grady is the director of the Fetal Cardiovascular Program at UCSF. She trained in both pediatric cardiology and neonatal/perinatal medicine and specializes in pediatric and fetal echocardiography and intraoperative assessment during congenital cardiac surgery and fetal surgery. Her clinical work is based primarily in the Pediatric and Fetal Echocardiography Laboratory, and she works in close association with the Fetal Treatment Center at UCSF. She attends on the pediatric cardiology service for two months per year and runs a weekly outpatient clinic as well as a fetal consultative clinic service five days a week.

Dr. Moon-Grady is the recipient of the Stanford University Dean's Award for Research, the UC Davis Medical Center Department of Pediatrics Award for Outstanding Contribution to Education of Housestaff, Award for Excellence in Neonatology and the Eli Gold Award for Excellence in Clinical Medicine. She is a member of the American Society of Echocardiography, the Society of Pediatric Echocardiography and the American Medical Association. She has been elected fellow of the American College of Cardiology, fellow of the American Academy of Pediatrics, and fellow of the American Society of Echocardiography and serves on the Boards of the AIUM, NAFTNet, and the Fetal Heart Society.



**Shannon Nees, MD**

Pediatric Cardiologist, Nemours Children's Health, Delaware  
Assistant Professor of Pediatrics, Sidney Kimmel Medical College, Thomas Jefferson University

Dr. Shannon Nees is a pediatric cardiologist with training in advanced non-invasive cardiac imaging and cardiac genetics. Her clinical interests include transthoracic and transesophageal echocardiography, fetal cardiology, cardiac MRI and cardiac CT as well as cardiovascular genetics. Her research is focused on the clinical utility and application of genetic testing for patients with congenital heart disease. She was recently awarded NIH funding as part of a grant to create a congenital heart disease expert curation panel for ClinGen.



**Mary Norton, MD**

Professor, Department of Obstetrics and Gynecology University of California, San Francisco, California

Dr. Mary Norton is a Maternal Fetal Medicine specialist as well as a clinical geneticist. She specializes in the care of women at high risk for having a baby with a birth defect or genetic disorder. She oversees the prenatal diagnosis program at UCSF, and is an expert in high-risk obstetrical ultrasound and prenatal diagnosis procedures such as amniocentesis and CVS. Her research interests include the use of new genetic technologies for fetal testing, and she is a national expert in the use of cell free DNA testing. She also has a particular interest in patient attitudes and preferences regarding prenatal testing.



**Anthony Odibo, MD, MSCE**

Professor, Obstetrics and Gynecology,  
Division of Maternal Fetal Medicine,  
Washington University School of Medicine

Dr. Odibo is an internationally renowned Maternal-Fetal Medicine expert with an incredible track record in research. He is the Chief of the Division of Maternal-Fetal Medicine in the Department of Obstetrics and Gynecology at Washington University School of Medicine.

Dr. Odibo's previous position is Professor of Obstetrics and Gynecology at the University of South Florida, Tampa, FL, and Medical Director of the Fetal Care Center of Tampa Bay. Previously, he was part of the faculty at the University of Pennsylvania, Philadelphia and Washington University in St. Louis.

He completed his medical training at the University of Benin, Nigeria and trained in Obstetrics and Gynecology / Maternal Fetal Medicine in the UK and USA. He is a Fellow of the Royal College of Obstetrics and Gynecology and the American College of Obstetrics and Gynecology. Anthony Odibo also holds a Master's degree in Clinical Epidemiology from the University of Pennsylvania.

Dr. Odibo splits his time between an active clinical practice with focus on Prenatal diagnosis and Fetal therapy as well as research investigating prediction models and the role of the placenta in development of adverse pregnancy outcomes.

Anthony Odibo is the Editor in Chief for Ultrasound in Obstetrics and Gynecology. He has previously served as the Deputy Chief Editor for ACTA and Editor for BJOG and Ultrasound in Obstetrics and Gynecology and is on the Editorial Board for BJOG and Prenatal Diagnosis.



**Larry Platt, MD**

Clinical Professor of Obstetrics and Gynecology, David Geffen School of Medicine at UCLA

Dr. Lawrence Platt earned his Bachelor of Science degree from Wayne State University and his medical degree from Wayne State University School of Medicine in Detroit, Michigan. He went on to complete both an internship and a residency in the Department of Obstetrics and Gynecology at Sinai Hospital in Detroit, Michigan, where he was selected as Chief Resident. Dr. Platt continued his training with a fellowship in maternal-fetal medicine in the Department of Obstetrics and Gynecology at the University of Southern California School of Medicine. Upon completion of his fellowship, he was offered a full-time faculty position where he attained the rank of full professor after only seven years.

A Diplomate of the American Board of Obstetrics and Gynecology and the National Board of Medical Examiners, Dr. Platt also holds a sub-specialty board certification in maternal-fetal medicine. In addition to his private practice work, he is a Clinical Professor in the Department of Obstetrics and Gynecology at the David Geffen School of Medicine at UCLA. A former chairman of the

Department of Obstetrics and Gynecology at Cedars-Sinai Medical Center in Los Angeles and vice chairman at UCLA, Dr. Platt is currently on attending staff at Cedars-Sinai Medical Center, the UCLA Reagan Medical Center, and on the attending staff at St. John's Health Center in Santa Monica where he co-directs the division of Maternal-Fetal Medicine Division.

Dr. Platt serves on numerous national and international committees and Board of Director of the major professional societies, including the American Institute of Ultrasound in Medicine (AIUM), the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), and the Society for Maternal-Fetal Medicine. He also serves on the Biomarker Discovery Project Oversight Committee of the Entertainment Industry Foundation. In addition, he is a founding board member and current treasurer for the Maternal-Fetal Medicine Foundation, now called the Pregnancy Quality Foundation. He is also currently a board member of the Pregnancy Foundation. He has served as president of the American Institute of Ultrasound in Medicine, the International Society of Ultrasound in Obstetrics and Gynecology, the Los Angeles OB/GYN Society, and as chairman of the OB/GYN Assembly of Southern California.


Dr. Platt is a fellow of the American College of Obstetricians and Gynecologists as well as a member of the American Gynecological and Obstetrical Society, Fellow of the American Institute of Ultrasound in Medicine, International Society for Prenatal Diagnosis, Society for Gynecologic Investigation, and Society for Maternal-Fetal Medicine, among others. Throughout his career, Dr. Platt has

served on the scientific review committees for the American Institute of Ultrasound in Medicine, Society of Gynecologic Investigation, Society of Maternal-Fetal Medicine as well as International Society of Ultrasound in Obstetrics and Gynecology.

Dr. Platt has also received a plethora of honors and accolades throughout his career including being named annually to the “Best Doctors in Los Angeles” by Los Angeles Magazine and “Best Doctors in America” by Health Magazine. Additional awards include the Distinguished Alumni Award from Wayne State University as well as the William J. Fry Memorial Lecture Award and the Joseph H. Holmes Pioneer Award in Clinical Sciences from the American Institute of Ultrasound in Medicine. In 2008, he was the fourth American recipient of the Ian Donald Gold Medal Award from the International Society of Ultrasound in Obstetrics and Gynecology.

Dr. Platt actively maintains his involvement in research and has been principal investigator in many NIH and WHO studies, primarily in the areas of prenatal diagnosis and treatment, ultrasound in obstetrics and gynecology, biophysical assessment of fetal condition, and ultrasound screening for ovarian cancer. He was a founding editor of the highly regarded international journal Ultrasound in Obstetrics and Gynecology. An active reviewer for numerous publications, Dr. Platt holds or has held editorial board positions for the Journal of Maternal-Fetal Investigation, Journal of Ultrasound in Medicine, Journal of Reproductive Sciences, Polish Journal of Gynecological Investigations, and Ultrasound in Obstetrics and Gynecology. He is the author of more than 350 peer-reviewed scientific articles,

	<p>abstracts, and book chapters. In addition, he has written four books and created educational audiotapes, movies, videotapes, and CD-ROMs.</p>
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	<p>Bobbie Posmontier, PhD, CNM, PMHNP-BC, FAAN is a Professor of Nursing and Program Director of the PhD in Nursing Program at Thomas Jefferson University. She has had over 30 years' experience working with women and their families in healthcare as nurse midwife and psychiatric nurse practitioner. She is also an Interpersonal Psychotherapy trainer and has trained and supervised nurses, physicians, and social workers in the United States and Israel. Her clinical experience includes working for hospital clinics, running her own private home birth and hospital birth practice, and providing medication and psychotherapy for patients with psychiatric illness across the lifespan in private practice and hospital outpatient settings. Her research interests include evaluating outcomes of evidenced-based perinatal mental health interventions administered to mothers with psychiatric symptoms and their infants at the Mother Baby Connections Program, an intensive outpatient perinatal mental health program which she co-founded at Drexel University. Her current area of interest is incorporating interventions to address postpartum depression and mother-infant interaction into a mobile health application called</p>
<p><b>Bobbie Posmontier, PhD, CNM, PMHNP-BC, FAAN</b>  Professor, Thomas Jefferson University</p>	



MommaConnect. Prior research addressing women with postpartum depression includes exploring the efficacy of Interpersonal Psychotherapy provided by nurse midwives via telephone to women, investigating the efficacy of social workers in Israel and home health RNs in the U.S. delivering Interpersonal Psychotherapy, exploring the neurological underpinnings of postpartum depression with functional near infrared spectroscopy, and exploring sleep quality and functional status.



Karen Raraigh is a certified genetic counselor in the Department of Genetic Medicine at Johns Hopkins, where she researches cystic fibrosis (CF) and related conditions. Her primary areas of focus are on curation of the Clinical and Functional TRanslation of CFTR (CFTR2) dataset and project, genotype-phenotype correlation for CFTR variants, communication of genetic information, and engagement of genetic counselors within the CF community. Karen is the founder of the CF Genetics Education Service, which provides members of the CF provider, patient, and research communities access to educational information about and variant interpretation of specific CFTR variants. She has been funded by the US CF Foundation to investigate the role of genetic counselors in the CF clinic and on the CF care team. Karen is both the current and a former chair of the Genetic Counselors' Consortium within Johns Hopkins and led the CF Special Interest Group within the National Society of Genetic Counselors from 2014-2016. Prior to her work at Johns Hopkins, Karen spent two years working in general pediatrics at Nationwide Children's Hospital in Columbus, OH and a year conducting a

	<p>research project within an adult cystic fibrosis population in Dublin, Ireland under the auspices of a US Department of State Fulbright grant. She received her Master's in Genetic Counseling from the University of Maryland School of Medicine in 2008.</p>
<p><b>Karen Raraigh, M.G.C., C.G.C.</b>          McKusick-Nathans Department of Genetic Medicine          Johns Hopkins</p>	

	<p>Uma Reddy, MD, MPH is the Vice Chair of Research and a Professor of Obstetrics and Gynecology in the Department of Obstetrics and Gynecology at Columbia University Irving Medical Center. She is the Principal Investigator for the Maternal-Fetal Medicine Units Network (MFMU) at Columbia University.</p> <p>Dr. Reddy is known throughout the field for her groundbreaking research in stillbirth, preterm birth, and labor management. Prior to joining the faculty at Yale School of Medicine in 2018, Dr. Reddy served as a Medical Officer for the National Institutes of Health (NIH) in the Pregnancy and Perinatology Branch of the Eunice Kennedy</p>
<p><b>Uma Reddy, MD, MPH</b>          Vice Chair of Research          Professor of Obstetrics and Gynecology          Department of Obstetrics and Gynecology          Columbia University Irving Medical</p>	

Center


Shriver National Institute of Child Health and Human Development (NICHD). While at the NIH, she provided clinical services at several hospitals, including Walter Reed Medical Center and Medstar Washington Hospital Center as a Professor of Obstetrics and Gynecology at the Georgetown University School of Medicine.

Dr. Reddy continues to engage in NIH funded clinical and translational research for the NIDDK funded U01 “Glycemic Observation and Metabolic Outcomes in Mothers and Offspring (GO MOMs) study,” which studies changes in glycemia (blood sugar levels) over the course of pregnancy. Dr. Reddy is also Co-PI for NICHD funded R01 “Large scale genome sequencing and integrative analyses to define genomic predictors of recurrent pregnancy loss.”

In addition to her clinical and research work, Dr. Reddy is also a respected educator and mentor in the field. Dr. Reddy has been selected to serve as a Member of the American College of Obstetrics and Gynecology (ACOG) Committee on Clinical Practice Guidelines – Obstetrics; Fellow of the American Gynecological & Obstetrical Society and was selected as Fellow in Executive Leadership in Academic Medicine (ELAM) Program for Women, 2020-2021 Class. She has published 270 peer reviewed articles, many in the most impactful journals including NEJM and JAMA.

Dr. Reddy graduated from Brown University Magna cum laude and received her medical degree from the Warren Alpert Medical School of Brown University. Dr. Reddy also earned a Masters in Public Health from the Johns Hopkins Bloomberg School of Public

	<p>Health. She completed her residency in Obstetrics and Gynecology at the Johns Hopkins Hospital and her Maternal-Fetal Medicine fellowship at Thomas Jefferson University.</p>
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	<p>Dr. Roberts and his group have published seminal studies including the recognition of endothelial dysfunction as a major component of the pathophysiology of preeclampsia. His current research efforts include fundamental, clinical and health services approaches to the understanding and management of this disorder in this country and abroad. He is a Co-Investigator of the Global Pregnancy Collaboration, a program to facilitate collaboration for the study of adverse pregnancy outcomes and to improve infrastructure and research training in low resource countries. He chaired the National Institute of Child Health and Development (NICHD) Maternal Fetal Medicine Network for 9 years and subsequently led a National Institute of Health (NIH) randomized controlled trial (10,000 women) of antioxidant vitamins to prevent preeclampsia. He chaired the American Congress of Obstetrics and Gynecology task force to establish guidelines for managing hypertension pregnancy in 2013 and the NHLBI/NICHD workshop to identify research targets in preeclampsia in 2018. He is member of the National Academy of Medicine, is an ad eundem member of the Royal College of Obstetrics and Gynecology (UK). He has been honored by lifetime achievement awards by the American Journal of Obstetrics and Gynecology, The Society for</p>
<p><b>JAMES ROBERTS, MD</b> *Keynote Speaker Professor, Department of Obstetrics, Gynecology &amp; Reproductive Sciences and Epidemiology, University of Pittsburgh and Clinical and Translational Research, Magee-Womens Research Institute</p>	

	<p>Reproduction Investigation and the Preeclampsia Foundation. His passion is mentoring and has headed three training grants and personally trained more than 60 pre and postdoctoral trainees.</p>
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	<p>Yoel Sadovsky, MD is the Executive Director of Magee-Womens Research Institute at the University of Pittsburgh. He is also the Elsie Hilliard Hillman Chair of Women's Health Research, Distinguished Professor of OBGYN, Microbiology and Molecular Genetics, Vice Chair of the Dept. of OBGYN, and Associate Dean of Women's Health Research and Reproductive Sciences. Dr. Sadovsky's research integrates molecular, cellular and informatics tools to decipher placental development and adaptation to injury, with a focus on trophoblastic microRNAs, which are packaged in extracellular vesicles and communicate among the fetal, placental, and maternal compartments. Dr. Sadovsky honors, awards and service include membership in the Councils for NICHD and the March of Dimes, Advisory Committee on Research on Women's Health, the National Academy of Medicine, and the Association of American Physicians. He served as president of the Society for Reproductive Investigation, and in 2013 he was awarded the Cozzarelli Prize in Biomedical Science from the National Academy of Sciences.</p>
<p><b>Yoel Sadovsky, MD</b> Executive Director, Magee-Womens Research Institute Elsie Hilliard Hillman Chair of Women's Health Research Distinguished Professor of OBGYN, Microbiology and Molecular Genetics Associate Dean, Women's Health Research and Reproductive Sciences University of Pittsburgh</p>	



**Katelynn Sagaser, MS, LCGC**  
Director of Genetic Counseling  
Juno Diagnostics

Katie Sagaser, MS, CGC, is the Director of Genetic Counseling at Juno Diagnostics. Prior to joining Juno, she was an assistant professor of Gynecology & Obstetrics in the Division of Maternal Fetal Medicine at the Johns Hopkins University School of Medicine, where she worked as a reproductive genetic counselor for 6.5 years. As a clinician, Katie provided comprehensive counseling to patients with a wide variety of prenatal and preconception genetics indications within the Johns Hopkins Prenatal Diagnosis and Treatment Center as well as within the Johns Hopkins Center for Fetal Therapy. Katie's professional interests center on equitable access to genetic testing and comprehensive reproductive health care throughout the lifespan.



**Jill J. Savla, MD, MSCE**  
Assistant Professor of Pediatrics at the  
Children's Hospital of Philadelphia


Medical School  
MD - Washington University School of  
Medicine, St. Louis, WI


Residency  
Pediatrics - Children's Hospital of  
Philadelphia, Philadelphia, PA

Fellowship  
Pediatric Cardiology - Children's Hospital of  
Philadelphia, Philadelphia, PA  
Cardiac Morphology & Pathology - Children's  
Hospital of Philadelphia, Philadelphia, PA  
Non-Invasive Imaging & Fetal  
Echocardiography - Children's Hospital of  
Philadelphia, Philadelphia, PA


Board Certification  
Pediatric Cardiology

	Pediatrics
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	<p>Erica Schindewolf, MS, LCGC, is a certified genetic counselor specialist and team lead, genetic counselors, in the Center for Fetal Diagnosis and Treatment at Children's Hospital of Philadelphia.</p>
<p><b>Erica Schindewolf, MS, LCGC</b>          Genetic Counselor Specialist          Team Lead, Genetic Counselors, Center for Fetal Diagnosis and Treatment          Children's Hospital of Philadelphia</p>	

	<p>David A. Schwartz, MD, MS Hyg, FCAP is a Global Maternal Health specialist and Medical Epidemiologist with sub-specialties in Obstetrical, Fetal &amp; Perinatal Pathology as well as Tropical &amp; Emerging Infectious Disease Pathology. He has long experience at understanding the anthropological, biomedical, epidemiological, and public health aspects of emerging infectious diseases as they affect society, especially pregnant women, placentas, fetuses and infants. He is involved with researching the Zika, Ebola and COVID-19 pandemics as they affect pregnancy. Dr. Schwartz is the Series Editor of Springer's Global Maternal and Child Health book series, is an Editorial Board member for many medical journals, and is an Associate Editor of the Archives of Pathology &amp;</p>
<p><b>David Schwartz, MD, MD, MS Hyg, FCAP</b>  <b>*2022</b>          Perinatal Pathology, Atlanta, GA</p>	

	<p>Laboratory Medicine. He has published over 160 articles, 65 book chapters, and 5 books in his specialty areas. Dr. Schwartz was formerly a Clinical Professor of Pathology at the Medical College of Georgia. He is currently practices at Perinatal Pathology Consulting in Atlanta, Georgia.</p>
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	<p>Dr. Amanda Shillingford is a board-certified pediatric cardiologist at Children's Hospital of Philadelphia, and Associate Professor of Clinical Pediatrics at the Perelman School of Medicine at the University of Pennsylvania. She specializes in pediatric echocardiography and fetal cardiology. Dr. Shillingford is an active member of the CHOP Fetal Heart Program, and the medical lead for CHOP Fetal Cardiology Outreach Program. Previously, she served as the director of fetal and perinatal cardiology and the associate medical director of the Nemours Partners for Perinatal Management at Alfred I. duPont Hospital for Children. Dr. Shillingford received her medical degree from Columbia University College of Physicians and Surgeons. At the Children's Hospital of Philadelphia, she completed a pediatric residency, a pediatric cardiology fellowship, and an advanced fellowship in pediatric echocardiography/fetal cardiology.</p>
<p><b>Amanda J. Shillingford, MD</b>  Associate Professor of Clinical Pediatrics,  Cardiac Center and  Fetal Heart Program, Children's Hospital of  Philadelphia</p>	





**Williams Short, MD, MPH**

Associate Professor, Clinical Medicine & Infectious Diseases, University of Pennsylvania

William R Short, MD, MPH, AAHIVS, is Associate Professor of Medicine in the Division of Infectious Diseases at the University of Pennsylvania Perelman School of Medicine in Philadelphia. He received his medical degree from Hahnemann University Hospital/Drexel University College of Medicine in Philadelphia, and master's degree in public health with a concentration in epidemiology and health systems policy from UMDNJ School of Public Health - Rutgers in Newark. Dr Short completed his residency in internal medicine and fellowship in infectious diseases from MCP/Hahnemann University Hospital. His clinical interests include the treatment and management of patients with HIV and AIDS. Dr Short has authored or coauthored articles that have been published in peer-reviewed journals such as HIV Medicine, Antiviral Therapy, Clinical Infectious Diseases, and Journal of the International Association of Physicians in AIDS Care. He is a member of the American College of Physicians, HIV Medical Association, American Academy of HIV Medicine, and Infectious Disease Society of America. He serves as a scientific member of the Department of Health and Human Services (DHHS) guideline panel on the treatment of HIV-infected pregnant women and prevention of perinatal transmission.




**James M. Shwayder, MD., JD.**

Adjunct Professor, Ob-Gyn, University of Florida; President and CEO Shwayder Consulting

James M. Shwayder, M.D., J.D. is joining the department as an Adjunct Professor in Obstetrics and Gynecology. Most recently, he was a Professor at the University of Mississippi Medical Center, where he was the Chair of Ob-Gyn from 2012 to 2017. He graduated from the University of Colorado School of Medicine and completed his residency at the Maricopa Medical Center in Phoenix, Arizona in 1982. From 1982-1998 he was in private practice in Virginia, subsequently joining the University of Colorado in 1998. He earned his JD from the University of Denver College of Law in 2003. In 2006, he joined the University of Louisville as the Director of Gynecology and the Fellowship in Minimally Invasive Surgery. In 2010, he became the Vice-Chair of Clinical Affairs at Louisville. In 2012, he assumed the Chair at the University of Mississippi Medical Center.

Dr. Shwayder is a Fellow of ACOG and a Fellow of the American Institute of Ultrasound in Medicine (AIUM). He is recognized nationally and internationally as an expert in gynecologic ultrasound. He has served on the AAGL Board of Directors and on the AIUM Board of Governors. He is very active with AIUM where he is the Vice-Chair of the AIUM Clinical Standards Committee, Chair of the AIUM Coding Committee, and as the AIUM Representative to the AMA Coding Advisory Committee. He is the Grant Governance Chair for the AIUM Fund for the Advancement of Ultrasound. He is also on the AIUM Annual Convention Committee, serving as the Community Coordinator for the Obstetrics, Gynecology, Fetal Echo, and Sonography Communities. He is the Co-Editor for ACOG's 7th and 8th edition of Prolog: Gynecology and Surgery. He is also an

	<p>editor for the Journal of Minimally Invasive Gynecology and a past editor for Obstetrics &amp; Gynecology.</p> <p>Dr. Shwayder is widely published with over 40 publications and 14 book chapters. He writes a bi-monthly article for the Legally Speaking section in Contemporary Ob-Gyn. He is the co-editor of a recently published book entitled Legal Concepts and Best Practices in Obstetrics: The Nuts and Bolts Guide to Mitigating Risk.</p>
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<p><b>Hyagriv Simhan, MD</b> Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, Executive Vice Chair of Obstetrical Services, University of Pittsburgh School of Medicine, Director of Clinical Innovation for the Women's Health Service Line, UPMC.</p>	



**Debra Soffer, RDMS**

Fetal Heart Program, Children's Hospital of Philadelphia

Debra Soffer currently works at the Children's Hospital of Philadelphia as a senior Fetal Cardiac Sonographer and Main Line Health System as an Adult Cardiac Sonographer. She began her career in radiology and trained in ultrasound at Thomas Jefferson University Hospital. She earned her Bachelor's in Health Sciences and a Master's certificate in Training and Development from the University of St. Francis. She is certified in mostly every aspect of Ultrasound with her current focus on Cardiac and High-Risk Obstetrics. Debra has participated in multiple research projects. She has numerous years of experience in senior management and leadership roles in both, for-profit and nonprofit organizations. She has served the SDMS on the nominating and CME committees, and lobbied passionately for the CARE bill on multiple occasions with the ASRT. Currently she serves as the Treasurer and International Committee Member for IFSER, the International Foundation for Sonography Education and Research. She has participated in ultrasound outreach in Haiti through RAD-AID and in her local community through CHOP, and hopes to continue to do so.



Diane Spicer graduated from the University of Pittsburgh in 1981 with a Bachelor's degree in Biology. She was initially trained as a pathologists' assistant at the Children's Hospital of Pittsburgh and has been a fellow member of the AAPA since 1991. Over the past 40 years she has worked with adult pathology, fetal and pediatric pathology with a special emphasis on congenital heart

**Diane Spicer**

Johns Hopkins All Children's Hospital, Heart Institute, St. Petersburg, Florida, USA  
and  
University of Florida, Department of Pediatric Cardiology, Heart Center, Gainesville, Florida, USA

disease. Currently, she serves as the curator of the Van Mierop Congenital Cardiac Archive at the University of Florida and is the senior archivist for the Archiving Working Group which is a part of the International Society for Nomenclature for Paediatric and Congenital Heart Disease. In January 2021 she accepted a position at Johns Hopkins All Children's Hospital as their cardiac morphologist and continues to serve in that position. As well, she has participated in many peer reviewed publications and has been on the faculty of many national conferences.



**Shubhika Srivastava, MBBS, MD**

Chief of Cardiology, Co-Director, Nemours Cardiac Center  
Nemours-Al duPont Children's Hospital,  
Delaware

Dr. Shubhika Srivastava is the Chief of Cardiology and Co-Director of the Nemours Cardiac Center at Al DuPont Hospital Wilmington Delaware. She received her training in Pediatric cardiology at Mount Sinai Medical center , New York and continued her career at Mt. Sinai in imaging and fellowship training and was the Director of Fetal and Congenital Echocardiography, Fellowship training and Director of Non Invasive Imaging before she started her career at Nemours on January 1st 2020. Her interests are in fetal and congenital echocardiography and outcomes research and education. She is involved in multicenter studies and in the education committee with the fetal heart Society and is the current Co-Chair of American Society of Echocardiography Scientific Sessions and is on the executive committee of Society of Pediatric Echocardiography. She is passionate about education, clinical research in outcomes

and quality standards in imaging.



**Joanne Stone, MD, MS**  
Chair of the Department of Obstetrics,  
Gynecology and Reproductive Science  
Icahn School of Medicine at Mount Sinai

Joanne Stone, MD, MS, is the Chair of the Department of Obstetrics, Gynecology and Reproductive Science at the Icahn School of Medicine at Mount Sinai. Dr. Stone is a well-known expert in the field of maternal-fetal medicine and previously served as the Maternal-Fetal Medicine Division Director and Fellowship Director for the Mount Sinai Health System.

Dr. Stone’s clinical interests are in multiple gestations, prenatal diagnosis, and invasive fetal procedures. Her research interests span the gamut of multifetal pregnancies, labor induction, and ultrasound. She has also conducted several randomized trials, expanding knowledge on the important topics of cervical ripening, safe labor induction, and reducing surgical site infections in patients undergoing scheduled cesarean deliveries. She currently serves as the co-Principal Investigator for the Generation C Study, evaluating pregnancy outcomes during the COVID-19 pandemic. Dr. Stone continues to have a busy consultative and clinical practice, specializing in the care of high-risk pregnancies, as well as being active in teaching.

Dr. Stone is the President-Elect of the Society

for Maternal-Fetal Medicine (SMFM) and serves on the Board of the Foundation for SMFM as well as on the Executive Board. She also serves on the Board of the Gottesfeld-Hohler Memorial Foundation, the PUSH for Empowered Pregnancy Advisory Board, and is Chair of the Sonography Community for the American Institute of Ultrasound in Medicine (AIUM). She previously served on the Executive Board of the American College of Obstetricians and Gynecologists (ACOG). Dr. Stone is the co-author of the books Pregnancy for Dummies and The Pregnancy Bible. She has been named a Castle Connolly/New York Magazine Top Doctor and a New York Times Magazine Super Doctor for the past several years.

Dr. Stone received her medical degree from Columbia University's College of Physicians and Surgeons. She completed her residency and fellowship in maternal-fetal medicine at the Icahn School of Medicine at Mount Sinai, and continued as full-time faculty. She also holds a master's degree in healthcare delivery and leadership from Icahn Mount Sinai.



Dr. Timor graduated from the Hebrew Univ of Jerusalem. Dr. Timor works in New York, NY and 2 other locations and specializes in Gynecology. Dr. Timor is affiliated with NYU Langone Medical Center.

**Ilan E Timor-Tritsch, MD**  
Professor & Director, Division of Diagnostic  
Ultrasound

Department of Obstetrics and Gynecology  
New York University School of Medicine, New  
York



**Jessie Torgersen, MD, MHS, MSCE**

Division of Infectious Diseases University of  
Pennsylvania Perelman School of Medicine  
Director - Center for Viral Hepatitis at PPMC

Dr. Jessie Torgersen is a board-certified infectious disease physician and Instructor of Medicine in the Division of Infectious Diseases at the University of Pennsylvania Perelman School of Medicine. She is the Director of the Penn Center for Viral Hepatitis at Penn Presbyterian Medical Center where she provides care focused on acute and chronic liver diseases to people with HIV (PWH) and people without HIV (PWOH). Dr. Torgersen leads the Penn Hepatitis Linkage Team, a program developed to improve the diagnosis and care navigation for people with viral hepatitis. She serves as an advisor to the City of Philadelphia's viral hepatitis elimination efforts and the Hepatitis B Foundation's Project ECHO initiative. Dr. Torgersen is also a Faculty Fellow in the Center for Clinical Epidemiology and Biostatistics at the University of Pennsylvania where her research focuses on the clinical epidemiology of chronic liver disease and HIV infection. She is an active investigator within the national Veterans Aging Cohort Study and the Penn Center for AIDS Research where her recent work has focused on viral hepatitis, hepatic steatosis, and hepatocellular carcinoma in PWH and PWOH.





**Ronald Wapner, MD**

Professor,  
Director  
Reproductive Genetics  
Department of Obstetrics and Gynecology  
Columbia University Medical Center  
New York

Currently, Dr. Wapner is the Vice Chair of Research in Obstetrics and Gynecology for Columbia University Irving Medical Center and Director of Reproductive Genetics. Dr. Wapner is an internationally known physician and researcher specializing in reproductive genetics. He pioneered the development of chorionic villus sampling (CVS) and multi-fetal reduction. He has authored or co-authored over 400 publications and he has been an active investigator in the area of Maternal-Fetal Medicine. He is either a principal or co-investigator for a number of NICHD sponsored multi-center studies. He serves as the center PI for the National Standards for Fetal Growth study and the NuMoM2B study at Columbia University in the Maternal Fetal Medicine Units Network and recently led a multicenter study evaluating the accuracy, efficacy, and clinical advantages of prenatal diagnosis using microarray analysis. The Society for Maternal-Fetal Medicine has honored Dr. Wapner with both a Lifetime Achievement Award (2015) and The Dru Carlson Memorial Award for Best Research in Ultrasound and Genetics (2017). He has had a significant role in the development of multidisciplinary research studies and clinical research centers throughout his career.



**Sarahn M Wheeler, MD**

Assistant Professor of Obstetrics and Gynecology, Duke University School of Medicine

Dr. Sarahn M. Wheeler is a practicing maternal-fetal medicine specialist at Duke University Medical Center. Dr. Wheeler was born and raised in Mt. Laurel, NJ. She graduated magna cum laude from Harvard University. She completed medical school at the University of Chicago's Pritzker School of Medicine. Dr. Wheeler went on to residency training in Obstetrics and Gynecology at the Johns Hopkins Hospital. Dr. Wheeler completed her maternal-fetal medicine subspecialty training at Duke University in June of 2016.

Dr. Wheeler currently serves as Assistant Professor in the Duke University School of Medicine. In this role, Dr. Wheeler is both a practicing clinician and research faculty. In her clinical role, Dr. Wheeler is the director of Duke's Prematurity Prevention Program, a specialty clinic that is geared for women with risk factors for preterm birth. In her research role, Dr. Wheeler has published several peer-reviewed articles on topics ranging from fetal brain injury to vaccination during pregnancy. Dr. Wheeler's current research focus is on race disparities in preterm birth. She is actively involved in research to develop interventions to improve utilization of preterm birth prevention therapies.

Dr. Wheeler also serves as the Director of Diversity, Equity and Inclusion for the OB/GYN department. In this role she leads efforts to ensure an inclusive environment for the diverse patients, faculty, staff and trainees within Duke OB/GYN.

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**S. Zev Williams, MD, PhD**

Chief, Division of Reproductive Endocrinology & Infertility Associate Professor, Obstetrics & Gynecology  
Columbia University Medical Center, New York

Zev Williams, MD, PhD, is the Chief of the Division of Reproductive Endocrinology and Infertility and an Associate Professor of Obstetrics and Gynecology at Columbia University Medical Center and is a nationally-recognized clinician and researcher in the area of recurrent pregnancy loss and infertility. Dr. Williams completed his MD and PhD training in Molecular Biology and Biochemistry at the Mount Sinai School of Medicine before continuing to the Brigham and Women's Hospital/Massachusetts General Hospital for his residency in Obstetrics and Gynecology. After completing his fellowship in Reproductive Endocrinology and Infertility at Weill-Cornell, Dr. Williams then did a post-doctoral fellowship in RNA biology in the laboratory of Dr. Thomas Tuschl at Rockefeller University. Dr. Williams has also achieved success in federally-funded research projects in several different areas of study, having received numerous NIH grants to support his work. Currently, as part of NIH R01 and U19 grants, Dr. Williams is engaged in research projects to develop novel technologies to prevent genetic diseases, reduce miscarriages and to use placental RNA as a screening tool for diseases and complications of pregnancy, to enable early intervention, and to provide insights into disease pathogenesis. Dr. Williams has also taken a leading role as an

	educator, serving as a mentor and adviser to medical students, residents and fellows.
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	<p>I hope you and your family, colleagues and students are well. We will all get through this pandemic together. Keep calm, wear a mask and wash your hands!</p> <p>I was taught early in my career to share what I have learned. I have had the great good fortune to work with giants in congenital heart disease, including Bill Rashkind, Vicky Vetter, Bill Norwood, Saemundur Gudmundsson, Jim Huhta, Vincenzo Berghella and many others who guided my research in congenital heart disease physiology and my efforts in teaching fetal cardiovascular ultrasound. Over the last 50 years, I have been privileged to work with Project Hope and WHO in training lots of fellows in pediatric cardiology, neonatology and maternal fetal medicine, many of whom have now become the giants of our fields. My rewards have been to present papers and give lectures and courses around the world. Have slides, will travel.</p>
<p><b>Dennis Wood, Jr., RDMS, RDCS, RCPT</b> Director, Fetal Echocardiography Course Thomas Jefferson University, Pennsylvania</p>	



**Simcha Yagel, MD**

Professor & Chairman, Department of Obstetrics & Gynecology, Hadassah-Hebrew University Medical Centers Jerusalem, Israel

I am the Head of the Division of Obstetrics and Gynecology of Hadassah-Hebrew University Medical Centers, Jerusalem. I joined the staff of the Department of Obstetrics and Gynecology of Hadassah, Mt. Scopus in 1981 as a young resident, following my service in the IDF, where I served as a physician.

I have devoted my entire career to Hadassah, other than post-doc fellowships at UCSF (1992-1993)

and the University of Western Ontario and the University of Toronto (1987-1988). I established and

ran the Unit for Obstetric and Gynecological Ultrasound from its beginnings, becoming the Unit

Head in 1992. I founded the Obstetrics and Gynecology Research Laboratory, recently renamed The

Magda and Richard Hoffman Center for Placenta Research, in 1994 with new immigrant scientists.

I have been an active member of the Faculty of Medicine of the Hebrew University and Hadassah,

obtaining the rank of professor in 1994 and full professor in 2000. I continue to instruct medical

students at various points in their studies in obstetrics and gynecology, embryology, and prenatal diagnosis.

I have published some 300 articles in leading

peer-reviewed journals, including Lancet, Science, Nature Medicine, JCI, Human Reproduction, Ultrasound in Obstetrics and Gynecology, American Journal of Obstetrics and Gynecology, Prenatal Diagnosis, Fetal Diagnosis and Therapy, PLOS-One, Placenta, and Molecular Human Reproduction, and others.

I am a founding member of the Israel Society of Ultrasound in Obstetrics and Gynecology, and served as president 1999-2002. The society works tirelessly to establish standards for our specialty in Israel, and contributes widely to the advancement of women's imaging internationally. I am an active instructor in the School of Ultrasound run by the Society, and a frequently invited guest lecturer at events around the world, for the International Society of Ultrasound in Obstetrics and Gynecology.

In 2009 I founded, with colleagues from basic research, the Israel Society for Placenta Research, and served as its first president until 2014. Our society works to provide a forum for Israeli physicians and scientists to present their work and learn from each other, to advance this fascinating field.

In the clinical sphere in recent years my work focuses primarily on 3D/4D ultrasound of the fetal cardiovascular system, including the publication of a textbook, Fetal Cardiology, in 2003, and its second revised and expanded edition in 2008. The third edition is in presently in

preparation, with publication planned for the end of the year. This exciting project draws on the talents of leading experts in their fields from around the world. In the past several years we have published several articles on 3D/4DUS of the fetus, with particular focus on 3D/4D fetal echocardiography and functional evaluation of the fetal heart, 3D/4D neurosonography, and 3D/4D in other organ systems. In addition, our team has been investigating 3DUS of the female pelvic floor, including the changes observed during parturition and in the context of pelvic floor dysfunction later in life, and the added value of 3DUS in the perioperative work-up of these patients. In the basic research sphere, the work of our Center for Placenta Research focuses on placental cell function and gene expression in the development of the placenta. In particular we investigated the molecular mechanism of trophoblast invasion in embryo implantation and placental development. Our work explores the implications of gene expression on the development of pathologies of pregnancy, such as preeclampsia, or pathological implantation of the placenta, such as placenta accreta. In collaborative efforts we continue to explore the role of NK cells at the maternal-fetal interface and their role as builders in implantation and placental and fetal development. More

	<p>recently we have been engaged in studies of the molecular mechanisms involved in the expression of placenta-derived circulating anti-angiogenic factors in the serum of pregnant women and their role in the development of preeclampsia.</p>
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	<p>Dr. Lynn Yee is an Assistant Professor in the Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology. As a clinician at Northwestern Medicine, she cares for patients with a wide range of maternal and fetal complications during pregnancy, including leading Northwestern's Women's Infectious Diseases Program. Dr. Yee's research program addresses issues of health equity and health services in obstetrics. Her lab studies multiple areas of obstetrics-focused health disparities, implementation science, patient-centered outcomes research. She has a particular interest in the intersections of health services, health equity, and social determinants of health.</p>
<p><b>Lynn M. Yee, MD, MPH</b>  Assistant Professor  Fellowship Program Director  Division of Maternal-Fetal Medicine  Department of Obstetrics and Gynecology  Northwestern University Feinberg School of Medicine</p>	