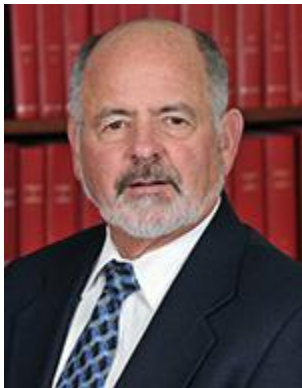




Ossia Geifman-Holtzman, MD
Medical Director, Philadelphia
Pregnancy, Genetics & Ultrasound Center
Professor of Obstetrics & Gynecology
Drexel University College of Medicine
Fels Institute, Temple University School of Medicine

Dr. Osnat Geifman-Holtzman is an obstetrician-gynecologist in Philadelphia, Pennsylvania and is affiliated with Hahnemann University Hospital. She received her medical degree from Tel Aviv University Sackler and has been in practice for more than 20 years. She is one of 24 doctors at Hahnemann University Hospital who specialize in Obstetrics & Gynecology, and she is the director of the Philadelphia Pregnancy Center.



Stuart Weiner, MD
Professor of Obstetrics and Gynecology
Division of Maternal Fetal Medicine
Thomas Jefferson University/Kimmel Medical College,

After completing his medical training and specialty certifications by the American Board of Obstetrics and Gynecology in Obstetrics and Gynecology (1978) and Maternal Fetal Medicine (1982), interrupted by two years of active duty in the United States Army Medical Corp (1978-1980), Dr. Stuart Weiner began his academic medical career at Pennsylvania Hospital, a teaching affiliate of the University of Pennsylvania Medical School (now Perelman School of Medicine) in Philadelphia, PA. Over the next fifteen years, Dr. Weiner taught medical students, residents, and fellows, while conducting and mentoring numerous research projects and publications. His main field of academic interest has always been prenatal diagnosis, especially utilizing ultrasound, magnetic resonance imaging, and the emerging genetic technologies to evaluate fetal age, growth, and physiology in order to optimize pregnancy outcome.



Diane Abatemarco, PHD, MSW
Professor of Obstetrics, Gynecology and Pediatrics
Director of Maternal Addiction Treatment, Education and Research (MATER)

Dr. Abatemarco's research focuses on innovative interventions to enhance maternal/child health.

As Principal Investigator, she and her colleagues, partnered with the American Academy of Pediatrics developed and tested Practicing Safety a pediatric intervention to prevent adverse childhood exposures and toxic stress. She recently concluded a federally funded project, Practicing Safety Mindfulness for Mothers in Drug Treatment, that integrated Practicing Safety with mindfulness based parenting with new mothers in treatment for opioid use that showed improvements in reducing stress and quality of parenting among this high-risk population. A newly funded study will implement mindfulness to strengthen families and implement group health care with women and children.



Reuven Achiron, MD
Director, of Ob/Gyn Ultrasound Unit and the Fetal
Diseases and Congenital Malformations Clinic
Professor, Obstetrics & Gynecology, Sackler School of Medicine, Tel-Aviv University, Israel



Sonika Agarwal, MBBS, MD, DNB, MNAMS

Attending Physician, Division of Neurology at Children's Hospital of Philadelphia
Assistant Professor, Clinical Neurology, Perelman School of Medicine, University of Pennsylvania

Sonika Agarwal, MBBS, MD, DNB, MNAMS, is an attending physician in the Division of Neurology at Children's Hospital of Philadelphia, and Assistant Professor of Clinical Neurology at the Perelman School of Medicine at the University of Pennsylvania. Dr. Agarwal comes with several years of clinical, academic and research experience at India's preeminent tertiary care center, the All India Institute of Medical Sciences as a Fellow, Senior Research Scientist and Assistant Professor of Obstetrics & Gynecology – Maternal Fetal Medicine. With her background of over 10 years in Maternal Fetal Medicine and several years in Pediatric Neurology/Fetal and Neonatal Neurology, she has focused her clinical practice and research on neonatal and fetal neurology and neurocritical care. Most recently, she was an Assistant Professor at the Department of Pediatrics/Developmental Neuroscience at Baylor College of Medicine/Texas Children's Hospital, the Sidney Kimmel Medical College at Thomas Jefferson University. Dr. Agarwal has authored several peer-reviewed publications, and has presented at several conferences and won awards throughout her career, most recently an annual faculty education award at Thomas Jefferson in 2018 and Outstanding Junior Member award at Child Neurology Society in 2016. She has special interest in education and loves to mentor medical students, residents and fellows.



Paul Anisman, MD

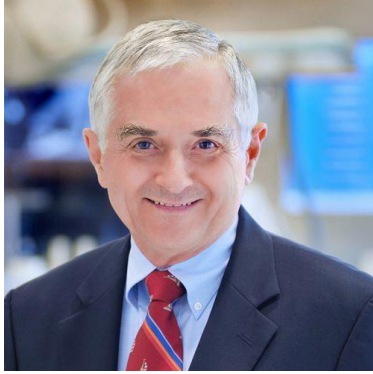
Interim Director, Fetal & Perinatal Cardiology
A.I. duPont Hospital for Children
Assistant Professor of Pediatrics

Since completion of his Residency in Pediatrics and Fellowship in Pediatric Cardiology and Pediatric Electrophysiology at the Jackson Memorial Medical Center in Miami, Florida, in 1986 Dr. Anisman has been faculty and practicing Pediatric Cardiology in the Delaware Valley for over 30 years. Over the course of his career he has been a Division Director of Pediatric Echocardiography at Hahnemann, Division Director of Pediatric Echocardiography at Jefferson and Directory of Echocardiography and acting Director of Pediatric Cardiac Catheterization at St. Christopher's Hospital for Children, while enjoying also his role throughout his career as a fetal cardiologist. For the last 20 years he has been faculty at Jefferson as a member of the Nemours Cardiac Center of the A.I. duPont Hospital for Children in Wilmington, Delaware. Dr. Anisman enjoys working intimately with his Maternal Fetal Medicine colleagues – says he learns a lot from them - and he loves teaching.



Elena Ashkinadze, MS, CGC
Assistant Professor
Supervisor, Perinatal Genetics
Division of Maternal Fetal Medicine
Rutgers, Robert Wood Johnson Medical School

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 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 conference on reproductive genetics and has authored several peer reviewed publications. She has been involved in organizing the Philadelphia Prenatal Genetics Conference from its inception.



Arthur Beudet, MD,
Baylor College of Medicine
Henry & Emma Myer Chair & Professor, Molecular & Human Genetics
Professor, Pediatrics



Vincenzo Berghella, MD
Professor & Director
Division of Maternal-Fetal Medicine
Department of Obstetrics & Gynecology
Thomas Jefferson University

Vincenzo Berghella (VB) is Director of the Division of Maternal-Fetal Medicine (MFM), Director of the MFM Fellowship Program, and Professor with Tenure of Obstetrics and Gynecology (Ob-Gyn) at Sidney Kimmel Medical College, Thomas Jefferson University, in Philadelphia. VB is Board Certified in Ob-Gyn and MFM.

VB has authored over 350 peer-reviewed manuscripts, as well as hundreds of abstracts and chapters. He is the editor or co-editor of five medical textbooks: 'Obstetric Evidence Based Guidelines' (in 3rd edition), 'Maternal Fetal Evidence Based Guidelines' (in 3rd edition), 'Preterm birth: Prevention and management,' 'Obstetrics: normal and abnormal pregnancies (Gabbe)', and 'Operative Obstetrics.' He is also author of over thirty other books (see www.amazon.com). He has obtained grant funding from the NIH and several other institutions.

VB has been a member and leader of several Committees of the American

College of Obstetrics and Gynecology (ACOG), including the Practice Bulletin (Obstetrics), Practice, Document Review Committee (Chair), and PROLOG (Obstetrics) Committees (Co-Chair). He is an Oral Examiner for the American Board of Obstetrics and Gynecology (ABOG) for Maternal-Fetal Medicine. He is Board member and Past-President of the Society for Maternal-Fetal Medicine (SMFM), Past-Chairman of the Fellowship Affairs Committee, of the Publication Committee, and of the Retreat Committee, and current Chair of the Guideline Committee. He is a Board member of the Pregnancy Foundation. He is an Associate Editor for the American Journal of Obstetrics and Gynecology (AJOG), an Editor for the Journal of Maternal Fetal and Neonatal Medicine, and Editor for the British Journal of Obstetrics and Gynaecology (BJOG), and Associate Editor for the Cochrane Review.

VB has lectured at major international meetings in the USA, Europe, Asia, and South America. He continues to have a busy schedule of clinical, educational, and research activities in Maternal-Fetal Medicine at Thomas Jefferson University. His research interests are prediction and prevention of preterm birth, cervical ultrasound, cerclage, labor, cesarean delivery, and evidence-based clinical obstetrics and maternal-fetal medicine.



Janet Ober Berman, MS, LCGC
Assistant Director, Perinatal Genetics
Department of Obstetrics & Gynecology
Temple University School of Medicine

Janet Ober Berman, MS, LCGC is the Assistant Director of Perinatal Genetics at Temple University School of Medicine (TUSM). She has spent over 15 years at TUSM as the senior prenatal genetic counselor in the Prenatal Diagnosis Center. She is a cofounder of the Philadelphia Prenatal Diagnosis Conference and continues to serve as a conference organizer.



Patrick Catalano, MD

Vice Chair of Obstetrics & Gynecology Research

Principal Investigator, Mother Infant Research Institute

Professor, Tufts University School of Medicine, Friedman School of Nutrition, Science and Policy

Patrick Catalano, M.D. is Chair emeritus, Department of Reproductive Biology at Case Western Reserve University/MetroHealth Medical Center. Dr. Catalano is currently a Professor of Obstetrics and Gynecology, at the Mother Infant and Research Institute of Tufts University School of Medicine. Doctor Catalano's research interests include obesity, diabetes and metabolism in pregnancy. His research includes the longitudinal evaluation of women before and during and after pregnancy to determine the short and long term effects maternal obesity and diabetes on both the mother and her offspring. He is a member of several professional organizations including the American College of Obstetrics and Gynecology, the Society of Maternal-Fetal Medicine, Society for Reproductive Investigation, American Diabetes Association and the Perinatal Research Society among others. He was the previous Chair of the American Diabetes Association Council on Pregnancy and Women's Health. Dr. Catalano has served as a Co-Chair of the NICHD Scientific Vision Group on Pregnancy. Dr. Catalano was on the Institute of Medicine (IOM) committee to review the weight gain in pregnancy guidelines. Awards include the Norbert Freinkel award from the American Diabetes Association, the Jorgen Pedersen award from the Diabetes in Pregnancy Study Group of the European Association for the Study of Diabetes, the Agnes Higgins award for contributions to maternal-fetal nutrition from the March of Dimes and the Charles Best lecture form the University of Toronto. Receiving his M.D. from the University of Vermont College Medical College, he is certified in general Obstetrics and Gynecology and Maternal-Fetal Medicine. He has over 200 peer reviewed publications and continuous National Institute of Health funding since 1987.



Dipak Delvadia, DO

Drexel University, College of Medicine

Clinical Assistant Professor, Obstetrics & Gynecology
Associate Residency Director



Jan Deprest, MD, PhD, FRCOG

Professor in Obstetrics and Gynaecology, KU Leuven and UC London
Lead fetal therapy program, University Hospitals Leuven
Chair, Department of Development and Regeneration, KU Leuven, Belgium

Jan Deprest MD PhD FRCOG is Professor of Obstetrics and Gynaecology at the KU Leuven (Belgium) and UCL (United Kingdom). He has a research interest in fetal surgery, in particular to antenatal interventions that modulate fetal development in case of congenital birth defects. He directs the clinical fetal surgery program in Leuven, and did set up the program at University College London Hospital to treat fetuses with spina bifida and congenital diaphragmatic hernia. Both teams are working on novel image guided surgical instruments for fetal surgery. In the past, he directed the Eurofoetus consortium, which designed a series of fetoscopic instruments with support from the European Commission.



Susan Domchek, MD

Director, Basser Center for BRCA
Abramson Cancer Center
University of Pennsylvania

Susan M. Domchek, MD is the Basser Professor in Oncology at the Perelman School of Medicine of the University of Pennsylvania. She serves as Executive Director of the Basser Center for BRCA at the Abramson Cancer Center and Director of the Mariann and Robert MacDonald Cancer Risk Evaluation Center. Her work focuses on the genetic evaluation and medical management of individuals with inherited risk factors for cancer. Dr. Domchek is particularly interested in developing new cancer therapies, such as PARP inhibitors, for breast cancer

patients due to genetic risk factors. An elected member of the National Academy of Medicine and American Society of Clinical Investigation, Dr. Domchek is also a member of the American Society of Clinical Oncology for which she had served on a number of committees. A significant contributor to the oncology literature, she has authored/co-authored more than 250 articles appearing in scholarly journals including the New England Journal of Medicine, the Journal of the American Medical Association and the Journal of Clinical Oncology. Dr. Domchek also serves on a number of editorial review boards, as well as on the Scientific Advisory Board for the Breast Cancer Research Foundation.



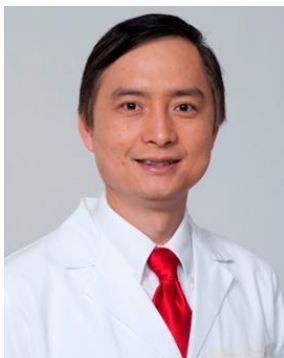
Mary Donofrio, MD
Professor, Pediatric Cardiology GW University
Director, Fetal Heart Program
Co-Director, Cardiac Neurodevelopmental Program
Children's National Medical Center
Co-Founder & President of Fetal Heart Society

Dr. Donofrio is a Professor of Pediatrics at George Washington University. She is Director of the Fetal Heart Program and Critical Care Delivery Program, Director of the Advanced Cardiac Imaging Fellowship, and Co-director of the Cardiac Neurodevelopmental Outcome Program at Children's National Medical Center. She is one of the founders and President of the Fetal Heart Society, a non-profit organization created to support collaborative research, education and mentorship. Dr. Donofrio is an international expert in fetal cardiology and has published over 90 papers, including the American Heart Association Scientific Statement on the Diagnosis and Treatment of Fetal Cardiac Disease. Dr. Donofrio specializes in fetal diagnosis and in-utero assessment of cardiovascular physiology, critical care delivery room and transitional care management, and assessment of in utero factors influencing neurodevelopmental outcome in children with congenital heart disease.



Mark Evans, MD
Professor of Obstetrics & Gynecology
Mount Sinai School of Medicine
President of the Fetal Medicine Foundation of America

Dr. Mark Evans is President of the Fetal Medicine Foundation of America, Professor of Obstetrics and 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 world-wide. 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.



Shuping Ge, MD, FACC, FASE
Professor of Pediatrics, Drexel University College of Medicine

Dr. Shuping Ge is chief of cardiology at St. Christopher's Hospital for Children. 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.



Anthony Gregg, MD
Chief of Obstetrics and Maternal Fetal Medicine
Baylor University Medical Center
Maternal and Fetal Medicine, Obstetrics & Gynecology

Dr. Gregg is Chief of Obstetrics and Gynecology, and Chief, Division of Maternal-Fetal Medicine at Baylor University Medical Center, Dallas Texas. Before coming to Dallas Dr. Gregg held faculty positions at Baylor College of Medicine in Houston, the University of South Carolina and the University of Florida. While in Florida he served as the Clinical Co-Chair of the Statewide Pregnancy Associated Maternal Mortality Review Committee (PAMR), ACOG District XII Maternal Mortality Committee and he was Co-Chair of the Florida Perinatal Quality Foundation Hemorrhage Initiative. He is Board certified in obstetrics and gynecology, maternal fetal medicine and clinical genetics. He is a Past Chair of the American College of Obstetricians and Gynecologists Committee on Genetics and previously served in a liaison capacity to that Committee. After spending the early part of his genetics career exploring hypertension during pregnancy using transgenic and “knock-out” mice, more recently he contributes to clinical practice guidelines and national policies that focus on the introduction of genetic and genomic technologies into clinical practice. He co-wrote ACMG policy statements on carrier screening and non-invasive prenatal screening for fetal aneuploidy using cell free fetal DNA. These contributions led to an invitation to Capitol Hill and an opportunity to speak at a hearing devoted to prenatal carrier screening in the US. In April 2019 Dr Gregg will become President of the American College of Medical Genetics and Genomics.

Sherry Grumet MA, MS, LSGC
Genetic Counselor
Monmouth Medical Center
Leon Hess Cancer Center, NEw Jersey

Sherry Grumet is a licensed, board-certified genetic counselor working as the Director of the LIFE Center at The Rutgers Cancer Institute of New Jersey. She received a B.S. in Cell Biology and Anthropology from the University of Illinois, a M.A. in Human Biology from Washington University in St. Louis, and a M.S. in Human Genetics and Genetic Counseling from Sarah Lawrence College. After graduation, Mrs. Grumet worked as a genetic counselor at Fox Chase Cancer Center, Mount Sinai School of Medicine at Englewood Hospital and Monmouth Medical Center. She has over 20 years of clinical experience in cancer risk assessment and genetic counseling.



Susan Howell, MS, LSGC
Sr. Instructor, University of Colorado Denver
Children's Hospital of Colorado

Susan Howell received an M.S. in Medical and Molecular Genetics and Genetic Counseling in 1999 from Indiana University at Indianapolis and an M.B.A. in 2004 from the University of Denver. With almost 20 years of experience, she has held a wide variety of genetic counseling, academic and commercial positions in tertiary medical centers, universities, state government, and private and public companies. She is a board certified Genetic Counselor by the American Board of Genetic Counseling. Since 2008, Ms. Howell has worked closely with Dr. Nicole Tartaglia at Children's Hospital Colorado, serving as the Genetic Counselor, Clinic and Research Coordinator for the eXtraordinary Kids Clinic, an interdisciplinary clinic evaluating children and adolescents with sex chromosome aneuploidies, as well as the Denver Fragile X Clinic, a clinic member of the National Fragile X Clinic and Research Consortium and the Turner Syndrome Multidisciplinary Clinic. During her tenure in Colorado, Ms. Howell has worked on a multitude of research projects including several industry-sponsored clinical trials of targeted treatments in Fragile X syndrome, the CDC-funded Fragile X Registry, several NIH-funded clinical trials of testosterone treatment in infants and adolescents with Klinefelter syndrome, and currently an NIH-funded natural history study of prenatally diagnosed babies with sex chromosome aneuploidies. She currently serves as the co-chair of the Colorado Genetic Counseling Educational Symposium as well as a board member for the national X&Y aneuploidy support group, AXYS.



Jessica Illuzzi, MD, MS, FACOG
Associate Professor of Obstetrics, Gynecology, and Reproductive Sciences
Section Chief, Laborists and Midwifery
Medical Director, Obstetrics, Vidone Birthing Center, St. Raphael Campus, YNHH
Director of Medical Studies, Obstetrics and Gynecology
Director of Electives, Yale School of Medicine

Jessica L. Illuzzi, MD, MS, chief of Laborists and Midwifery for Yale Medicine, can pinpoint exactly when she became interested in natural child delivery. Her mother, a doula, participated in a study examining their role in childbirth. At the time, Dr. Illuzzi, a high school student, participated as a research assistant in the study. "That really showed me the barriers women face in achieving their desired birthing experiences," says Dr. Illuzzi, who is director of obstetrics at the Vidone Birthing Center at Yale New Haven Health's Saint Raphael campus. "I went into obstetrics to be a part of the effort to provide women with safe low-intervention, natural birth experiences in the hospital." At Vidone, a midwife delivers the baby and an obstetrician is always on hand to help if any complications arise. "Even if a woman develops preeclampsia (high blood pressure in pregnancy), gestational diabetes or another problem, it will still feel like a natural birth experience and we will help her feel in control," Dr. Illuzzi says. "I love working with the midwives and families as a team. If we go through a long labor and end up having a vaginal birth, it's so gratifying. It's just the midwife and family in the room and I'm out in the hallway, but I hear this invigorating cheer." Ultimately, Dr. Illuzzi says her goal is to support women. "If a woman needs an intervention, I don't want her to feel disappointed or that we pushed her into it," she says. "Our goal is for women to make educated choices they can feel good about." Dr. Illuzzi's research interest include examining ways to lower the rate of Caesarian sections. She is also an associate professor of obstetrics, gynecology and reproductive sciences at Yale School of Medicine.



Nahla Khalek, MD, MPH, FACOG
Attending High-Risk Obstetrician
The Center for Fetal Diagnosis and Treatment
Children's Hospital of Philadelphia
Assistant Professor of Clinical Obstetrics and Gynecology, University of Pennsylvania School of Medicine

Dr. Nahla Khalek is an Attending Physician at the Center for Fetal Diagnosis and Treatment at Children's Hospital of Philadelphia (CHOP) and Assistant Professor of Clinical Obstetrics and Gynecology at the Perelman School of Medicine at the University of Pennsylvania. She specializes in maternal-fetal medicine, prenatal diagnosis, fetal therapy and reproductive genetics. Dr. Khalek's clinical focus is in prenatal dysmorphism and placental pathology. She has expertise using advanced diagnostic tools to diagnose rare and complex prenatal syndromes in utero, including genetic syndromes associated with congenital diaphragmatic hernia, CHARGE Syndrome and fetal akinesia sequence. She is also interested in the maternal, fetal and placental biochemical responses involved in twin-twin transfusion syndrome. Dr. Khalek became interested in fetal medicine during her residency and fellowship, and was drawn to the Center for Fetal Diagnosis and Treatment because of its multidisciplinary and comprehensive approach. "When patients arrive, we care for them from prenatal diagnosis through the postpartum period. Our hope and goal are to normalize the experience for patients

and their families, knowing their unborn baby has a birth defect,” she says. “It’s the best experience I have had, because our patients and their families personify grace.” Prior to joining the Center team in 2010, Dr. Khalek served as Assistant Clinical Professor of Obstetrics, Gynecology and Women’s Health in the Division of Maternal-Fetal Medicine and Clinical Genetics at the Albert Einstein College of Medicine, Bronx, NY. She also served as the Director of Obstetric Ultrasound at Jacobi Medical Center, Bronx, NY. Dr. Khalek earned her BS degree at the Sophie Davis School of Biomedical Education, City College of New York, and her medical degree from New York Medical College. She received her Masters in Public Health at Columbia University’s Mailman School of Public Health. She completed her residency in obstetrics and gynecology and fellowships in maternal-fetal medicine and clinical genetics at Wayne State University School of Medicine, Detroit, MI. She is board certified in obstetrics and gynecology, maternal-fetal medicine and clinical genetics. Dr. Khalek also has a special commitment to global maternal health and brings the benefits of her extensive international experience to CHOP. She has worked in Ghana, Eritrea, Nicaragua, Panama and Belize and helped establish OB/GYN teaching and residency programs. Currently she has focused her efforts in Uganda, where she helped create a training program for midwives that incorporates imaging as well as clinical and operative obstetrics. In spring 2015, Dr. Khalek appeared in a three-part documentary series airing on PBS called TWICE BORN: Stories from the Special Delivery Unit. The Emmy® Award-winning documentary offered a look inside the Center for Fetal Diagnosis and Treatment at Children’s Hospital of Philadelphia, and its unique Garbose Family Special Delivery Unit.



David H. Ledbetter, PhD
Executive Vice President, Geisinger
Chief Scientific Officer, Geisinger

Dr. Ledbetter is executive vice president and chief scientific officer at Geisinger. Previously he held academic and leadership positions at Emory University, the University of Chicago, and the National Center for Human Genome Research at NIH. He is a graduate of Tulane University and earned his Ph.D. at the University of Texas-Austin. He is an internationally recognized expert in Genomics and Precision Medicine, having focused his early research efforts on discovering the genetic causes of childhood neurodevelopmental disorders such as autism, and the translation of new genomics technologies into clinically useful genetic tests for early diagnosis and intervention. His current research interest includes leveraging longitudinal electronic health information with large-scale DNA sequencing to determine the clinical utility and cost-effectiveness of precision medicine approaches in a real-world health system setting.



Brynn Levy, M.Sc., PhD, FACMG

Professor of Pathology & Cell Biology
Medical Director, Clinical Cytogenetics Laboratory
Co-Director, Personalized Genomic Medicine Laboratory
College of Physician and Surgeons

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.



Jack Ludmir, MD

Senior Vice President, Physician Engagement & Integration
Department of Obstetrics & Gynecology
Sidney Kimmel Medical College
Associate Provost, Community & Global Initiatives
Co-Founder of Puentes de Salud and Latina Community Health Services

Jack Ludmir, M.D. is the Senior Vice President for Physician Engagement and Integration, the Associate Provost for Community and Global Initiatives and Professor of Obstetrics and Gynecology at Thomas Jefferson University. He is also Executive Director of the Philadelphia Collaborative for Health Equity. Prior to joining Jefferson he was Professor and Chair of Obstetrics and Gynecology at Pennsylvania Hospital, and the Vice Chair of the Department of Obstetrics and Gynecology at the Perelman School of Medicine of the University of Pennsylvania. In addition he is the Past Chair of the Maternal Child Care Governing Council of the American Hospital Association.

A graduate of Temple University School of Medicine, he completed his residency in Obstetrics and Gynecology and fellowship in Maternal-Fetal Medicine at the Hospital of the University of Pennsylvania and was on the faculty at Harvard University and the University of Pennsylvania for the last thirty years. His clinical and research activities have focused on cervical function in pregnancy and prenatal care for vulnerable populations.

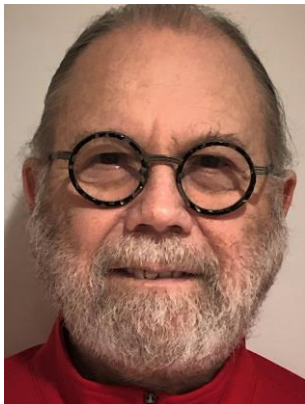
Dr. Ludmir is a strong advocate for making high quality care available to vulnerable populations, including the underserved and uninsured in the Philadelphia region and globally. He was the President of Women and Children's Health Services (currently the Ludmir Center for Women's Health), a not for profit organization devoted to the care of women from the surrounding community and is a co-founder of Puentes de Salud and Latina Community Health Services, organizations providing free care to uninsured immigrants. He has established formal relationships with several universities in Latin America and Botswana to improve the care of women, including exchange programs involving residents and attending physicians, and is a leader in Latin America to improve the safety and quality of obstetric care. For these activities he has been recognized by many organizations including The Maternity Care Coalition, The March of Dimes, The American College of Obstetricians and Gynecologists and several universities in Latin America.



Donna McDonald-McGinn, MS, LCGC
Chief of the Section of Genetic Counseling
Director of the 22q and You Center
Associate Director of Clinical Genetics Center at Children's Hospital of Philadelphia
Clinical Professor of Pediatrics, Perelman School of Medicine at the University of Pennsylvania

Donna M. McDonald-McGinn, MS, LCGC, Clinical Professor of Pediatrics at the Perelman School of Medicine of the University of Pennsylvania, serves as Chief of the Section of Genetic Counseling, Associate Director of Clinical Genetics, and Director of the 22q and You Center at the Children's Hospital of Philadelphia (CHOP), having launched the world's first and now largest coordinated multidisciplinary clinic caring for patients with copy number variants involving chromosome 22q11.2, beginning in the early 1990's. Professor McDonald-McGinn presented the

keynote address at the inaugural international 22q11.2 deletion syndrome (DS) professional meeting in Strasbourg, France in 1998 and has subsequently served in leadership roles for all successive biennial international meetings on this topic. She joined parent activists in establishing the International 22q11.2DS Foundation, Inc. in 2003; acted as a founding member of the International 22q11.2DS Modifier Gene Consortium in 2006; was privileged to receive the Angelo DiGeorge Memorial Medal of Honor in 2012; acted as Co-Principle Investigator of the International 22q11.2DS Brain-Behavior Consortium – a group of 22 clinical and 5 genomic sites studying CNS genotype-phenotype correlations in 22q11.2DS since 2013; and acted as a Founding Trustee for the 22q11.2 Society, a professional group established in 2013 to support best clinical practices and scientific research in this area. In 2018, Professor McDonald-McGinn and her colleagues in the 22q and You Center at CHOP received the 22q11.2 Society Inaugural Special Service Award for outstanding, longstanding, exemplary, and unwavering commitment and contributions to the chromosome 22q11.2DS Community. She has authored or co-authored over 275 peer reviewed original articles, more than 350 abstracts, numerous book chapters, a handbook on 22q11,2DS for families and professionals, a periodic 22q and Newsletter for families, and recently served as guest editor for the October 31, 2018 special issue on 22q11.2DS in the American Journal of Medical Genetics. She presented as an invited speaker at >75 professional and family meetings, at multiple short courses, in webinars and videos, and has taught students of all ages and stages about 22q11.2 CNVs. Professor McDonald-McGinn has been an active investigator in the area of 22q11.2DS throughout her career, having served as a principle or co-investigator for a number of NIH sponsored studies and community funded projects. Having partnered with local and international family organizations and colleagues, she has worked tirelessly to improve detection, awareness, care, and quality of life for patients and families affected by 22q11.2DS including via establishing pediatric and adult healthcare guidelines and diagnosis specific growth charts; petitioning governments at home and internationally towards initiating newborn screening for this condition; organizing events such as 22k for 22q, 2.2 for 22q, 22q and Boo, and conceiving, organizing and overseeing “22q at the Zoo Worldwide Awareness Day” a now annual event occurring at >125 zoo locations globally to promote patient and professional partnerships, visibility, support and fun.



Menachem Miodovnik, MD
Medical Officer, Pregnancy and Perinatology Branch
Eunice Kennedy Shriver National Institute of Child Health and Human Development

Menachem Miodovnik, M.D., joined the NICHD in 2014 after spending 10 years as the chair of obstetrics and gynecology (ob/gyn) at MedStar Washington Hospital Center, Washington D.C.

Currently, he is a project scientist for the Global Network for Women's and Children's Health Research and project scientist for the Maternal-Fetal Medicine Units Network in NICHD's Pregnancy and Perinatology Branch. In addition, he manages a portfolio of basic and clinical research grants.

Through the years, Dr. Miodovnik has been the recipient of federal and industry grants to fund his basic and clinical research. His work is published in nationally and internationally recognized peer-reviewed journals, and he often presents his research results at conventions of notable scientific societies. His research interests include medical and obstetrical complications of pregnancy with emphasis on gestational and pre-gestational diabetes.

Prior to moving to Washington D.C., Dr. Miodovnik was a professor at Columbia University College of Physicians and Surgeons in New York and served as the vice chairperson in the Department of Ob/Gyn at St. Luke's-Roosevelt Hospital Center. He is board certified in ob/gyn and maternal-fetal medicine (MFM), and received his medical degree in ob/gyn from Hebrew University Hadassah Medical School in Jerusalem, Israel. He pursued postgraduate training in ob/gyn at Hahnemann Medical College and Hospital in Philadelphia, Pennsylvania, and completed a fellowship in MFM at the University of Cincinnati College of Medicine.



Jeff Milunsky, MD, FACMG

Co-Director, Center for Human Genetics, Inc.
Director, Clinical Genetics
Senior Director, Molecular Genetics

Dr. Jeff Milunsky is Co-Director of the Center for Human Genetics, Director of Clinical Genetics, and Senior Director of Molecular Genetics. He is formally Professor of Pediatrics, Genetics and Genomics, at Boston University School of Medicine. He currently is an Adjunct Professor of Obstetrics and Gynecology at Tufts University School of Medicine. He is known internationally for his work in clinical and molecular genetics with special reference to his expertise in the diagnosis, evaluation and management of genetic connective tissue disorders. He is the co-editor of Genetic Disorders and the Fetus: Diagnosis, Prevention and Treatment (7th edition). The 6th edition received the British Medical Association "Highly Commended" Medical Book Award. Professor Milunsky is the author or co-author of over 300 scientific communications. He is an elected member of the Society for Pediatric Research. He has been listed repeatedly in Top Doctors in Boston (Genetics).



Julie S. Moldenhauer, MD, FACOG, FACMG
Attending Physician, Children's Hospital of Philadelphia
Medical Director, Garbose Family Special Delivery Unit
Associate Professor of Clinical Obstetrics and Gynecology in Surgery
University of Pennsylvania School of Medicine

Dr. Julie S. Moldenhauer is Medical Director of the Garbose Family Special Delivery Unit and an attending high-risk obstetrician in the Center for Fetal Diagnosis and Treatment at Children's Hospital of Philadelphia.

One of Dr. Moldenhauer's research interests lies in improving the prenatal management of gastroschisis, a defect that causes the fetal intestines to extend into the amniotic fluid through an opening in the abdominal wall. Dr. Moldenhauer also has a particular interest in outcomes after open fetal surgery and EXIT procedures, examining how fetal conditions and their treatment can place mothers at increased risk for complications. She believes that with a better understanding of the interrelation of mother and baby, we can improve the outcome for both.

Dr. Moldenhauer earned her BS degree in chemistry from Hillsdale College and her medical degree from Wayne State University, both in Michigan. She performed her residencies in obstetrics and gynecology and human genetics at Wayne State University. She also completed her fellowship in maternal-fetal medicine at Wayne State University. She is board certified in obstetrics & gynecology, maternal-fetal medicine and clinical genetics.

In spring 2015, Dr. Moldenhauer appeared in a three-part documentary series airing on PBS called TWICE BORN: Stories from the Special Delivery Unit. The Emmy® Award-winning documentary offered a look inside the Center for Fetal Diagnosis and Treatment at Children's Hospital of Philadelphia, and its unique Garbose Family Special Delivery Unit.



Ana Monteagudo

Maternal FetDirector of the Bellevue OB/GYN Ultrasound Unit
Co-Director of the NYU OB/GYN Ultrasound Unit
Director of Maternal-Fetal-Medicine NYU
Director MFM fellowship at NYSOMal MEdicine

Dr. Ana Monteagudo joined Maternal-Fetal-Medicine Associates/Carnegie Hill Imaging from New York University Langone Medical Center, where she was a tenured Professor of Obstetrics and Gynecology and Director of the Maternal-Fetal-Medicine Fellowship. At NYU she also, served as Director of Maternal-Medicine, Director of Bellevue Hospital Ultrasound Unit and Associate Director of NYU Medical Center Obstetrical & Gynecological Ultrasound Unit. Dr. Monteagudo received her medical degree from Albert Einstein School of Medicine in New York City and completed her residency there in Obstetrics and Gynecology. After completing a fellowship in Maternal-Fetal Medicine at College of Physician & Surgeons, Columbia-Presbyterian Medical Center in New York, she joined its faculty as an Assistant Clinical Professor of Obstetrics and Gynecology; subsequently becoming an Associate Professor of Obstetrics & Gynecology. She is internationally recognized for her work in obstetrical and gynecological ultrasound and is one of the world's foremost experts on ultrasonography of the fetal brain. A widely published author, she has written 125 peer review articles and review, 78 chapters in textbooks, and two important textbooks on obstetrical ultrasound. Dr. Monteagudo is a member of many prestigious medical societies and organizations, including the Society of Perinatal Obstetricians, the American College of Obstetricians and Gynecologists, the American Institute of Ultrasound in Medicine and the American Registry of Diagnostic Medical Sonographers. She has won many honors from medical societies for her research on ultrasound detection of malformations in the fetus.

Owen Montgomery, MD

Obstetrics and Gynecology
Drexel University College of Medicine
Chair, Department of Obstetrics & Gynecology



Corrina M. Oxford-Horrey, MD

Penn Maternal Fetal Medicine HUP
Co-Director, Pregnancy and Heart Disease Program
Assistant Professor of Clinical Obstetrics and Gynecology

Positions:

Assistant Professor, Maternal Fetal Medicine

Director: OB Critical Care Simulation Course

Co-Director: Pregnancy and Heart Disease Program

Clinical Interests:

- Critical care obstetrics
- Cardiac disease in pregnancy

National activities:

- Member, Society for Maternal Fetal Medicine
- Member, Society for Critical Care Medicine
- Member, Philadelphia Maternal Mortality Review Program-Department of Public Health

Recent Publications:

- **Oxford C**, Patel S: Basic Hemodynamic Monitoring for the Obstetric Care Provider. Obstetric Intensive Care Manual, Fourth Edition. Foley M, Strong Jr. T, Garite T (eds.). McGraw-Hill Education New York, NY, Chpt 1, 2015. Chapter update for new volume submitted May 2017. Published March 2018
- Deshpande N, Kuckricha L, Smith R, **Oxford C**. Pregnant Trauma Victims Experience Nearly Two-Fold Higher Mortality Compared to Their Non-Pregnant Counterparts. Submitted for publication. Awarded the S. Leon Isreal Award for best research paper submitted by a resident as primary author. May 2017. American Journal of Obstetrics & Gynecology November 2017. 217 (5); 590.e1-590.e9. DOI: 10.1016/j.ajog.2017.08.004
- Yacoubian S, **Oxford C**, Kodali BS. Changes in Cardiac Index During Labour Analgesia: A Double-blind Randomised Controlled Trial of Epidural Versus combined spinal epidural analgesia - A preliminary study. Indian J Anaesth 2017;61:295-301
- La Rosa MF, **Oxford C**, Sehdev H. Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL) During Pregnancy: Case Report and Review of the Literature. Int J Pregn & Child Birth 2(1), 2017: 00011. DOI: 10.15406/ipcb.2017.02.00011
- **Oxford C**, La Rosa M: Intensive Care in Obstetrics. Principles of Adult Surgical Critical Care. Martin N, Kaplan L (eds). Springer International publishing, AG. Chapter 38, 2016
- Lahey M, Graul A, Meyers S, Ferrarello D, **Oxford C**. Keeping Our Newborns Safe: Effectively Decreasing the Rate of Neonatal Falls During the Postpartum Period. Obstetrics & Gynecology: May 2015 doi:10.1097/01.AOG.0000463614.47153.4c
- Kaplan L, Bove M, Allen S, Pascual L, **Oxford C**, Smith B, Walker P, Martin N. Component Therapy: Perception is Quite Different from Reality. Critical care medicine Nov 2015; 43(12 Suppl 1):58.

William Peranteau, MD

The Children's Hospital of Philadelphia
Attending Surgeon, Division of Pediatric General, Thoracic and Fetal Surgery
Assistant Professor, Perelman School of Medicine University of Pennsylvania



Ruben Quintero, MD

Obstetrician-Gynecologist, Miami, Florida
Co-Founder of Fetal Institute

Medical School: Central University of Venezuela

Ob/Gyn Residency: Yale University

MFM Fellowship: Yale University

Academic rank: Professor.

Academic affiliations: voluntary:

- University of Miami;
- Florida International University;
- University of Bucharest

Current position:

- The Fetal Institute, Miami

Research affiliation:

- The USFetus Research Consortium



Tonse Raju, MD

Adjunct Professor Pediatrics
F. Edwards Hébert School of Medicine
Uniformed Services University
Bethesda, MD, 20814

Dr. Tonse Raju, joined NIH in 2002 after a long tenure as Professor of Pediatrics at the University of Illinois in Chicago. At NIH/NICHD, he served as Chief of the Pregnancy and Perinatology Branch and managed more than 350 grants and contracts. In 2018, he received the NICHD Lifetime Achievement Award at a special ceremony. He is currently Deputy Editor for the Journal of Perinatology, the official journal of the Section on Neonatal and Perinatal Medicine, American Academy of Pediatrics.

Dr. Raju has published 200-reviewed papers, 34 chapters, and 8 books, of which 5 are fiction. His medical history book, *The Importance of Having a Brain: Tales from the History of Medicine* has received critical acclaim.

Judith Ross, MD

Jefferson University Physician
Professor, Pediatrics - Metabolism & Endocrinology



Kenneth Rothstein, MD

Physician, Gastroenterology
Penn Gastroenterology Perelman
Director of Regional Outreach and Regional Hepatology
Professor of Clinical Medicine



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.



George R. Saade, MD

Jennie Sealy Smith Distinguished Chair
Professor, Ob/Gyn & Cell Biology
Chief of Obstetrics & Maternal-Fetal Medicine
Director, Perinatal Research Division
The University of Texas Medical Branch

Dr. George Saade is a Professor of Obstetrics and Gynecology, Professor of Cell Biology, Director of the Perinatal Research Division, Chief of Obstetrics and Maternal-Fetal Medicine and the Jennie Sealy Smith Distinguished Chair in Obstetrics and Gynecology at the University of Texas Medical Branch. He is an elected member of the Tau Beta Pi Engineering Honor Society and Alpha Omega Alpha. He is past president of the Society for Maternal Fetal Medicine and Chair of its Health Policy and Advocacy Committee. He is the editor-in-chief of the American Journal of Perinatology. Dr. Saade has served on a number of national and international advisory committees and scientific review panels, including NIH, CDC, March of Dimes, ACOG, Wellbeing/Royal College of Obstetricians and Gynaecologists, and the Health Research Council of New Zealand. He is the principal investigator on two (2) NIH-funded clinical research networks and the co-investigator on three (3) others. Dr. Saade is certified by the American Board of Obstetrics and Gynecology and is an examiner. His clinical area of expertise revolves around adverse pregnancy outcomes and long term health for mother and offspring. He has authored more than 300 peer-reviewed publications, and is the co-editor of the Maternal Medicine and the Critical Care Obstetrics textbooks. He has been voted as Best Doctor and selected to Super Doctors several years in a row.



Erica Schindewolf, MS, LCGC
The Children's Hospital of Philadelphia
Genetics Counselor



Anthony Sciscione, DO
Maternal and Fetal Medicine Obstetrics-Gynecology
Christiana Health Care
Professor of Obstetrics and Gynecology, Drexel University College of Medicine

Dr. Anthony Sciscione is board certified in obstetrics and gynecology and in maternal-fetal medicine. He is currently the Director of the Delaware Center Maternal Fetal Medicine of Christiana Care and Residency Program Director at Christiana Care Health System in Newark, DE. He also is a Professor of Obstetrics and Gynecology at Sidney Kimmel Medical College at the Thomas Jefferson University in Philadelphia, PA and an associate editor for the American Journal of Obstetrics and Gynecology.



Mark Sklansky, MD
Professor and Chief, Pediatric Cardiology
Director, UCLA Fetal Cardiology Program
Medical Director, UCLA Children's Heart Center
Co-Director, UCLA Congenital Heart Program
UCLA Mattel Children's Hospital
David Geffen School of Medicine at UCLA

Dr. Mark Sklansky is the Chief of Pediatric Cardiology and Professor of Pediatrics at the UCLA Mattel Children's Hospital, David Geffen School of Medicine at UCLA. He serves as Director of the UCLA Fetal Cardiology Program, Founder and Director of the UCLA Children's Heart Center, and Co-Director of the UCLA Congenital/Pediatric Heart Program.

Prior to joining the faculty at UCLA in 2010, Dr. Sklansky spent one year in private practice in Sacramento (1993-1994), served as a junior faculty member for 8 years at the University of California, San Diego (1994-2002), and then served 8 years on faculty at the University of Southern California, Children's Hospital Los Angeles (2002-2010).

Dr. Sklansky's primary clinical and academic interests are in the field of prenatal detection and diagnosis of congenital heart disease. He first developed an international reputation for his pioneering work in the field of 3D fetal echocardiography, and subsequently for his ongoing scholarly and international work advancing the field of fetal cardiac screening. Deeply committed towards improving the prenatal detection of congenital heart disease, Dr. Sklansky 1) directs a highly successful annual fetal echocardiography symposium at UCLA (9th Annual scheduled for October, 2019), 2) teaches the technique of fetal cardiac screening to sonographers, pediatric cardiologists and maternal-fetal-medicine subspecialists in their own private offices, during extended observational visits to the fetal cardiology program at UCLA, and as an invited speaker at scholarly meetings, symposia and workshops across the United States and around the world, and 3) serves as an ongoing, online resource for maternal-fetal medicine subspecialists and sonographers around the world. Dr. Sklansky is past Chair of the Section on Fetal Echocardiography of the American Institute of Ultrasound in Medicine, and sole-authored the chapter on fetal cardiac malformations and arrhythmias in the three most recent editions of Creasy & Resnik's Maternal-Fetal Medicine: Principles and Practice. Dr. Sklansky served as a co-author of the scientific statement on fetal cardiology published in 2014 by the American Heart Association in Circulation, and he has published a widely cited editorial on fetal cardiac screening: what are we (and our guidelines) doing wrong in the Journal of Ultrasound in Medicine.

Dr. Sklansky's other academic interests include veterinary cardiology-- he has published the first echocardiographic descriptions of the fetal and adult bottlenose dolphin, as well as a description of the echocardiographic findings in the Burmese python. In 2014, he published a widely publicized editorial in JAMA reconsidering the place of the handshake in the healthcare setting.

On a personal note, Dr. Sklansky enjoys spending time with his family, hiking/tennis/surfing, playing piano, and travel.



Ian E. Timor-Tritsch, MD
Maternal Fetal Medicine
NYU Langone Health
Professor, Department of Obstetrics and Gynecology
Director, Division of Diagnostic Ultrasound

Professor of Obstetrics and Gynecology and Division Director of Obstetrical and Gynecological Ultrasound at NYU School of Medicine. Dr. Timor is widely known for his research in Ob/Gyn ultrasound laying the fundamentals of transvaginal ultrasound. He has received numerous awards for his work and deliver lectures all over the world. He has published eight books-

including the first two books ever written on transvaginal sonography and fetal neurosonography-and more than 300 peer-reviewed articles, reviews and book chapters. His book on ultrasound of the fetal brain was translated in Italian and Spanish. He is the recipient of the highest awards for his lifetime achievements: The Fry Award by the American Institute of Ultrasound in Medicine, the Ian Donald Medal by the International Society of Ultrasound in Ob/Gyn, the Liley Medal by the International Society "The Fetus as a Patient" and Dr. Timor received his medical degree from Hebrew University Medical School in Jerusalem, Israel, and completed a fellow- ship in Maternal Fetal Medicine at Case Western University in Cleveland, Ohio. In 1984 he was appointed Associate Professor of Obstetrics and Gynecology at the Medical School of the Technion in Haifa, Israel. In 1986, he joined the Department of Obstetrics and Gynecology at Columbia-Presbyterian Medical Center as a Professor of Ob/Gyn. He was appointed as Director of Ob/Gyn at Bnai Zion Hospital between 1993-1995. Following this he returned to Columbia University. From 1998 he undertook a job at NYU School of Medicine as Director of Ob/Gyn Ultrasound and was appointed Professor of Ob/Gyn.

Richard Waldman, MD

Gynecologist
St. Joseph's Hospital
Chairman of the Obstetrics and Gynecology



Ronald Wapner, MD

Vice Chair of Research in Obstetrics and Gynecology for Columbia University Irving Medical Center
Director of Reproductive Genetics

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.



Thomas De Westover, MD

Assistant Professor MFM and Obgyn
Cooper Medical School, Rowan University
Chair, NJ section ACOG
Co-Chair, NJ Hospital Association Statewide Perinatal Safety Collaborative
Former President, NJ MFM Society
President Elect, NJ Ongyn Society
Member, NJ Dept of Health Maternal Mortality Review Committee
ACOG District 3 McCain Advocacy Fellow
Camden, NJ



Dennis Wood, RDMS, RDCS, RCPT

Perinatal Ultrasound Instructor
Departments of Pediatrics, Radiology, and Obstetric & Gynecology
Thomas Jefferson University

Dennis Wood teaches prenatal and newborn ultrasound techniques through his courses and in hands-on sessions in many of the university hospitals the Philadelphia region, around the country and around the world based upon his research and clinical experience in pediatric cardiology and maternal fetal medicine. He is currently both adjunct and volunteer faculty at Thomas Jefferson University. His free access website is PERINATALECHOIMAGING.COM.