



OPEN MEDICAL INSTITUTE

SEMINAR REPORT

MATERNAL AND INFANT
HEALTH

OMI MEX COLUMBIA
UNIVERSITY SEMINAR

November 27-29, 2023

Medical Education Beyond Borders

 COLUMBIA | VAGELOS COLLEGE OF
PHYSICIANS AND SURGEONS



F A C T S



46 fellows
from **Mexico**



6 fellows' case
presentations



4 faculty members
from the USA



1 excellent case
presentation



12 didactic lectures



2 fellows' case
presentation sessions

GROUP PHOTO





	Monday November 27	Tuesday November 28	Wednesday November 29
08:00 – 09:00	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST
09:00 – 10:00	Introductions Pre-Seminar Test	Mechanisms of Inheritance Ronald Wapner, MD	Pregnancy as a Window to Future Health George R. Saade, MD
10:00 – 11:00	An Evidence-Based Approach to Early Onset Sepsis Richard A. Polin, MD	Antenatal Consultations at Extreme Prematurity Kathleen G. Brennan, MD	Fluid and Electrolyte Controversies Richard A. Polin, MD
11:00 – 11:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
11:30 – 12:30	Fetal Growth Restriction George R. Saade, MD	Preterm Labor: An Evidence-Based Approach George R. Saade, MD	Prenatal Diagnosis Including Sequencing Ronald Wapner, MD
12:30 – 13:30	Strategies for Sharing Difficult News Kathleen G. Brennan, MD	Healthcare-Associated Infections Richard A. Polin, MD	Post-Seminar Test Evaluation & Discussion
13:30 – 14:30	LUNCH	LUNCH	LUNCH CLOSING CEREMONY & AWARDS
14:30 – 15:30	Prenatal Screening Ronald Wapner, MD	How to Talk So Your Students and Residents Will Listen Kathleen G. Brennan, MD	
15:30 – 17:00	Workshop Fellows' Case Presentations	Workshop Fellows' Case Presentations	



**Richard A. Polin, MD
(Course Director)**

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Richard A. Polin, MD is the William T. Speck Professor of Pediatrics at Columbia University, College of Physicians and Surgeons and is the immediate past Director of the Division of Neonatology at Morgan Stanley Children's Hospital of New York-Presbyterian. From July 1977 until January 1998, Dr. Polin was a faculty member in the Division of Neonatology at the Children's Hospital of Philadelphia and Professor of Pediatrics at the University of Pennsylvania. In 1998, Dr. Polin returned to Morgan Stanley Children's Hospital of NY-Presbyterian as the Director of Neonatology. In the spring of 2006 Dr. Polin received the National Neonatal Education Award from the AAP's Section on Perinatal Pediatrics and in 2017 he was inducted into the "Legends Hall of Fame". Dr. Polin is the 2021 recipient of the Apgar Award from the American Academy of Pediatrics. Dr. Polin has published over 200 original papers, 20 books (including *Fetal and Neonatal Physiology*, *Workbook in Practical Neonatology*, *Pediatric Secrets* and *Fetal and Neonatal Secrets*,) and more than 200 abstracts. Dr. Polin is the Chair of the NICHD Neonatal Research Network executive steering committee, and he is the past chair of the Sub-board of Neonatal-Perinatal Medicine.



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Kathleen G. Brennan, MD (she/her/hers) is an Assistant Professor of Pediatrics in the Division of Neonatology at Columbia University. Active in medical education at both the undergraduate and graduate levels, Dr. Brennan teaches in the medical school through the continuum of preclinical and clinical coursework with a focus on how physicians learn to communicate. She serves as the Associate Director for the Pediatric Clerkship, as Core Faculty in the Pediatrics Residency Program, as the liaison for resident education in the Neonatal Intensive Care Unit (NICU), and as the Associate Program Director for the Neonatal-Perinatal Fellowship Program. Dr. Brennan works closely with these families and their infants, both in the NICU/Neonatal Cardiac Intensive Care Unit and following their discharge in the Neonatal Neurodevelopmental Follow-up Clinic. In her clinical, educational, and scholarly work, Dr. Brennan focuses on the communication between doctors and families – what are the best practices for communication and what are the best practices for teaching those communication skills. Together with her colleagues at CUMC, she is committed to give every new-born baby the very best chance at a full and healthy life through innovative medicine and compassionate family-centered care.



George R. Saade, MD

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George R. Saade, MD is the Chair of the Obstetrics and Gynecology Department, as well as the Associate Dean for Women's Health at the Eastern Virginia Medical School in Norfolk, Virginia. In early 2014, Dr. Saade was appointed to the National Advisory Child Health and Human Development Council of the National Institutes of Health. 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 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 Gynecologists, and the Health Research Council of New Zealand. He is currently the principal investigator on two NIH-funded clinical research networks and the co-investigator on three others. Dr. Saade is certified by the American Board of Obstetrics and Gynecology and is an examiner. His clinical area of expertise revolves around stillbirth and preterm birth. He has authored more than 300 peer-reviewed publications and is the editor of the "Critical Care Obstetrics" and "Maternal Medicine" textbooks. He has been voted as Best Doctor and selected to Super Doctors several years in a row.



Ronald Wapner, MD

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Ronald Wapner, MD is the Director of Reproductive Genetics for the Columbia University Irving Medical Center. 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. He was granted five-year NIH funding to investigate the costs and benefits of prenatal genetic diagnosis by genomic sequencing; this work has led to a collaboration with various industry and academic stakeholders to build an international repository of structural anomalies and the creation of the International Fetal Genomics Consortium (IFGC). The Society for Maternal-Fetal Medicine has honored Dr. Wapner with both a Lifetime Achievement Award (2015); The Dru Carlson Memorial Award for Best Research in Ultrasound and Genetics (2017); and the Pioneer Award from the International Society of Prenatal Diagnosis (2021). He has had a significant role in the development of multidisciplinary research studies and clinical research centers throughout his career.



Becky Aguilar-Álvarez de Sáenz

Executive Director | AMSA

- Bachelors degree in economics, Instituto Tecnológico Autónomo de México (ITAM)
- Banking and financial career for 15 years
- Member of the Board Civic Committee, Ford Motor Company Mexico
- Treasurer of the Board of Trustees UNETE (Unión de Empresarios por la Tecnología en la Educación)
- Member of the International Women's Forum
- Member of the Mexican Council for International Affairs
- AMSA's Executive Director since 2010



Gerardo Legorreta Creel

Chairman | AMSA

- Chairman of the Board of Trustees, Alianza Médica para la Salud, A. C. (AMSA)
- Studied at the London Business School and Instituto Tecnológico Autónomo de México (ITAM)
- CEO of UBS (Union Bank of Switzerland)
- Member of the Board of Directors of Bepensa, SA de CV
- Founder and Managing Director of LG & A

FELLOWS



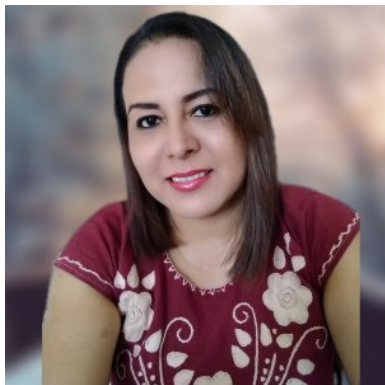
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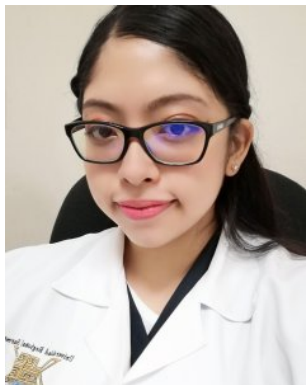
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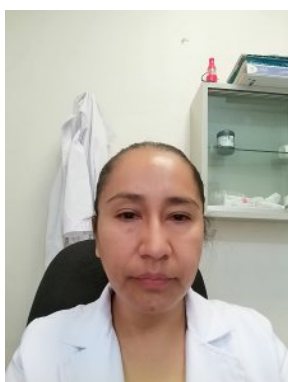
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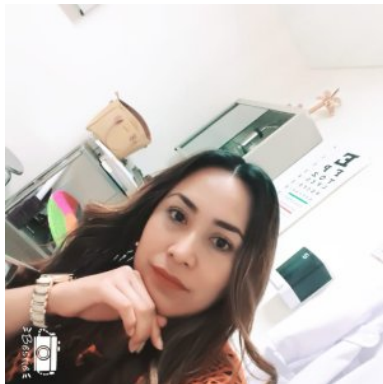
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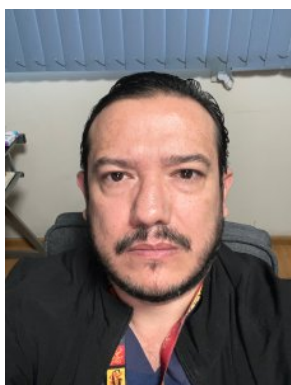
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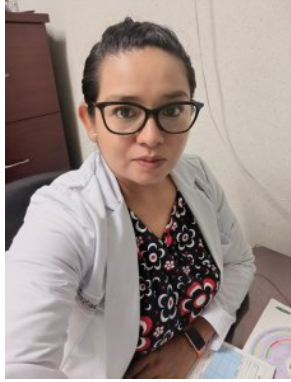
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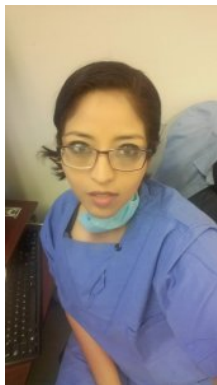
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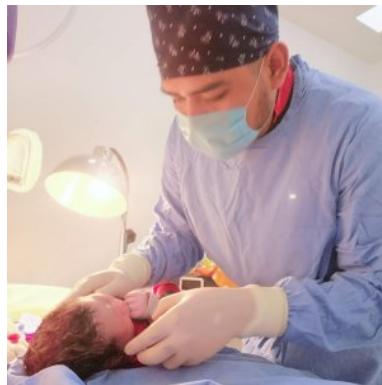
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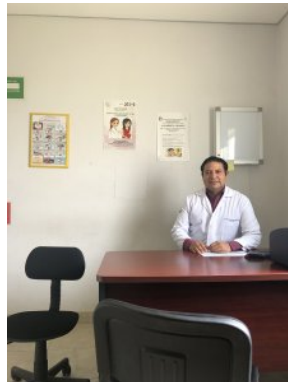
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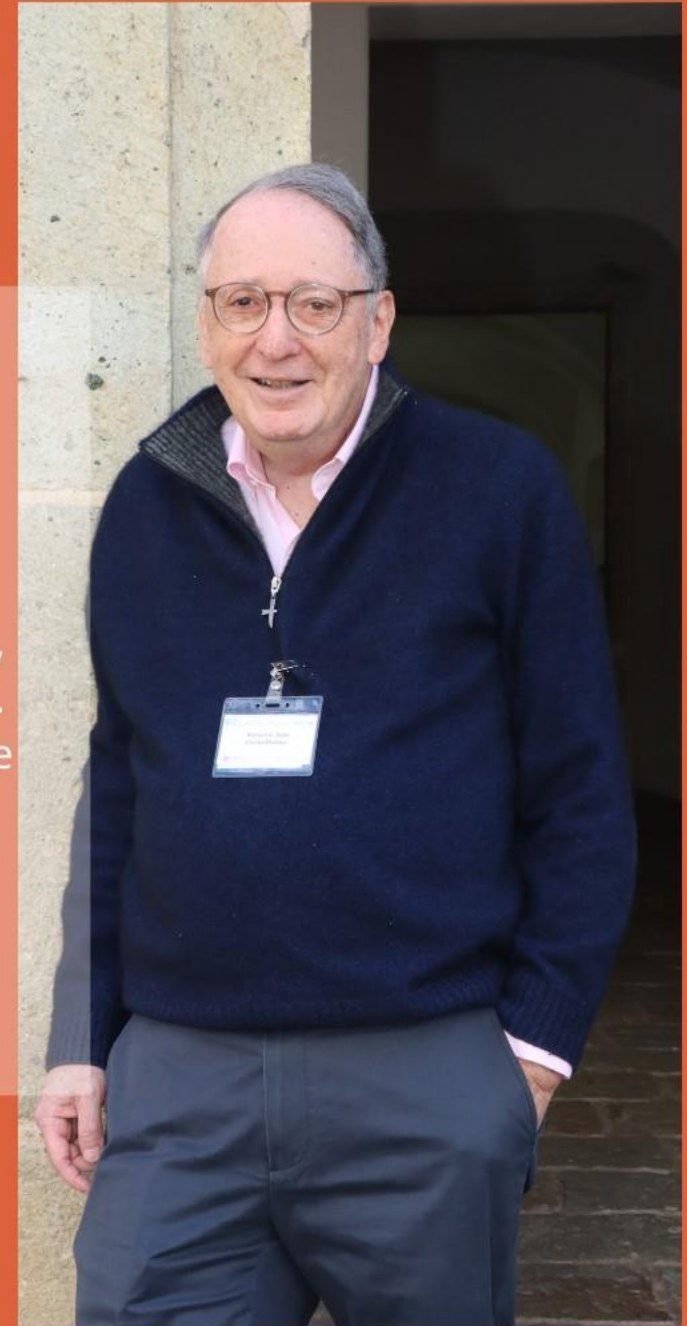
OMI VOICES

Faculty Feedback

"The OMI MEX Maternal and Infant Health seminar had almost 50 participants who represented a very diverse group of physicians, including general and family practitioners, gynecologists, and pediatricians. The discussion after each lecture was lively from the very beginning. Overall, it was a very successful seminar."

Richard A. Polin, MD

Maternal and Infant Health



OMI VOICES



“ The topics covered were truly fascinating. Despite the diverse population in our state, hearing the experiences of the faculty motivates me to continue learning. Maternal and pediatric care should be a priority at all levels of healthcare.

Angelica Galindo Olmos, MD
OMI MEX fellow from Mexico



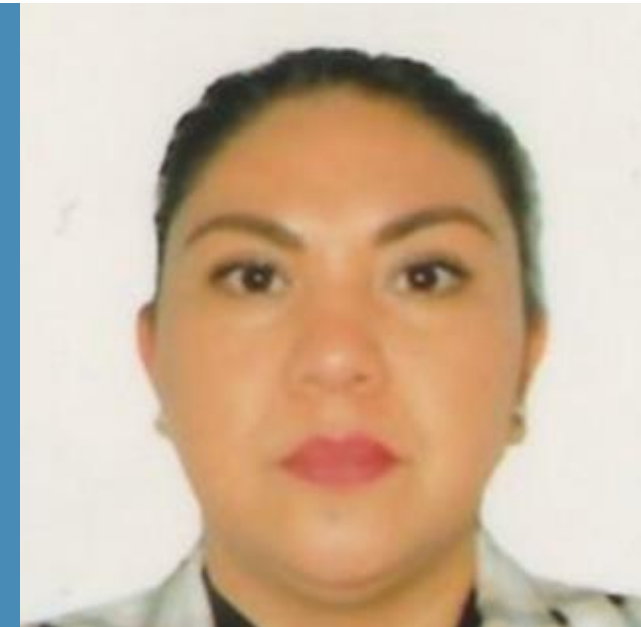
“ An extremely important topic was prenatal diagnosis from a genetic point of view, something that still seems distant where I work, but is increasingly closer to becoming a possibility.

Félix Angel Quintero Michel, MD
OMI MEX fellow from Mexico



“ Dr. Brennan spoke to us about strategies for sharing difficult news, as it is an extremely important skill in terms of communication between doctor and patient.

Nayelli Islas Casas, BSc
OMI MEX fellow from Mexico



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