



**Maternal and Child Health Inaugural Research Symposium  
10/29/2020**

**Welcome/introduction session: 9-10:00**

**Michal Elovitz, MD**

Hilarie L. Morgan and Mitchell L. Morgan Distinguished Professor in Women's Health  
Vice Chair, Translational Research  
Director, Maternal and Child Health Research Center  
Department of Obstetrics & Gynecology  
Perelman School of Medicine, University of Pennsylvania  
**Strategies to Improve Maternal and Child Health**

**Scott A. Lorch, MD, MSCE**

Kristine Sandberg Knisely Professor of Pediatrics  
Perelman School of Medicine, University of Pennsylvania  
Associate Chief, Division of Neonatology  
Director, Clinical and Epidemiological Research  
The Children's Hospital of Philadelphia  
**Neonatal research at CHOP and UPenn**

\*Denotes early career investigator/K applicant and/or awardee

**10:00- 12:00: Health services and social determinant of health research in Maternal-Child Health**

**Diana Montoya-Williams, MD\***

Attending Neonatologist, The Children's Hospital of Philadelphia  
Instructor of Pediatrics, Perelman School of Medicine, University of Pennsylvania  
Associate Fellow, Leonard Davis Institute of Health Economics  
Research Faculty, CHOP Policy Lab  
**Neonatal and Infant Health Disparities: In Search of Resilience Factors**

**Heather Burris, MD, MPH**

Assistant Professor, Pediatrics & Neonatology  
Hospital of the University of Pennsylvania and Children's Hospital of Philadelphia  
Perelman School of Medicine, University of Pennsylvania  
**Sowing the seeds of collaboration in pursuit of perinatal health equity; from discovery to intervention**

**Rebecca F. Hamm, MD, MSCE\***

Assistant Professor, Maternal Fetal Medicine

Department of Obstetrics & Gynecology

Perelman School of Medicine, University of Pennsylvania

**Implementation of a standardized labor induction protocol to reduce primary cesarean and racial disparities in labor outcomes: a prospective cohort study**

**Michele-Marie Peña, M.D.\***

Fellow, Neonatology

Children's Hospital of Philadelphia

Perelman School of Medicine, University of Pennsylvania

**Racial/Ethnic Differences in Potentially Preventable Fetal Death Among Hispanic- and White-Serving Hospitals**

**Sara Handley, MD, MSCE\***

Instructor of Pediatrics

Children's Hospital of Philadelphia

Perelman School of Medicine, University of Pennsylvania

**Delivery hospital structure, organizational culture, and the mother-infant dyad**

**Heidi Herrick, MD\***

Instructor, Pediatrics

Fellow, Pediatric Hospital Epidemiology and Outcomes Research Training Program

Children's Hospital of Philadelphia

Perelman School of Medicine, University of Pennsylvania

**Leveraging Human Factors to Improve Delivery Room Care**

**Break 12-12:30**

**12:30-2:30: Infectious disease, immunology, microbiology in Maternal-Child Health**

**Dustin D Flannery, DO, MSCE\***

Instructor of Pediatrics, University of Pennsylvania Perelman School of Medicine

Attending Physician, Division of Neonatology, Children's Hospital of Philadelphia

**Evolving Antibiotic Resistance in Neonatal Early-Onset Sepsis**

**Sagori Mukhopadhyay, MD, MMSc\***

Assistant Professor, University of Pennsylvania.

Division of Neonatology, Children's Hospital of Philadelphia.

The Roberts Center for Pediatric Research

**Intrapartum prophylaxis for GBS sepsis prevention and childhood outcomes**

**Lakshmi Srinivasan, MBBS, MTR \***

Assistant Professor of Pediatrics

Perelman School of Medicine at the University of Pennsylvania

**New tools for prediction of sepsis**

**Kristin Gerson, MD, PhD\***

Fellow, Maternal Fetal Medicine

Department of Obstetrics & Gynecology

Perelman School of Medicine, University of Pennsylvania

**Microbial metabolites compromise epithelial barrier integrity: potential mechanisms by which non-optimal cervicovaginal microbiota lead to preterm birth**

**Emma Lewis, MD/PhD candidate\***

Immunology Graduate Group

Department of Obstetrics & Gynecology

Perelman School of Medicine, University of Pennsylvania

**Novel immunological underpinnings of fetal brain injury in the setting of intrauterine inflammation**

**Scott M. Gordon, MD, PhD\***

Instructor, Division of Neonatology

Children's Hospital of Philadelphia

University of Pennsylvania

**Development of interferon-responsive macrophages in the uterus and beyond**

**2:30-4: Integrating Maternal-child health and long-term outcomes**

**Whitney Bender, MD\***

Fellow, Maternal Fetal Medicine

Department of Obstetrics & Gynecology

Perelman School of Medicine, University of Pennsylvania

**Lactation support in modern obstetrics**

**Jennifer Lewey, MD, MPH\***

Assistant Professor of Medicine

Director, Penn Women's Cardiovascular Center

Co-Director, Pregnancy and Heart Disease Program

Division of Cardiovascular Medicine

**Improving cardiovascular health in the fourth trimester**

**Emily Gregory, MD\***

Instructor, Pediatrics  
Children's Hospital of Philadelphia  
Perelman School of Medicine  
University of Pennsylvania

**The role of pediatrics in improving maternal interconception care**

**Andrea Duncan, MD, MS**

Associate Professor  
Medical Director, Neonatal Follow-up Program  
Children's Hospital of Philadelphia  
Perelman School of Medicine  
University of Pennsylvania

**Improving Outcomes in High-Risk Infants**

**4-5: COVID-related research**

**Karen M. Pupolo, MD, PhD**

Associate Professor of Pediatrics, University of Pennsylvania Perelman School of Medicine  
Division of Neonatology, Children's Hospital of Philadelphia  
Chief, Section on Newborn Medicine, Pennsylvania Hospital  
**Maternal and Neonatal Antibody to SARS-CoV-2**

**Laura A. Vella, MD, PhD\***

Assistant Professor of Pediatrics  
University of Pennsylvania, Perelman School of Medicine  
Division of Infectious Diseases  
The Children's Hospital of Philadelphia

**Deep Immune Profiling of MIS-C**

**Sara Handley, MD, MSCE\* & Heather Burris, MD, MPH**

Instructor of Pediatrics & Assistant Professor of Pediatrics  
Children's Hospital of Philadelphia  
Perelman School of Medicine  
University of Pennsylvania

**Preterm birth in the COVID era at Penn Medicine, evidence of widened disparities?**

Please register for the meeting by sending an email to Donna Adamoli:  
[adamoli@penntermschool.edu](mailto:adamoli@penntermschool.edu) with the title: MCH ZOOM INVITE