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@pennmedicine.upenn.edu with the title: MCH ZOOM INVITE