

DIALOGUE 160

Newborn Genomic Screening: Current and Future Challenges

Jeffrey P. Brosco, M.D., Ph.D.

University of Miami Miller School of Medicine

12:00 p.m., Friday, May 1, 2015

RMSB, 4th-Floor Auditorium

A light lunch will be provided

State newborn screening programs are among the most successful public health initiatives of the past 100 years. Thousands of lives have been saved, and tens of thousands have avoided significant morbidity because of early detection and treatment. The universal approach of these public health programs has led to reductions in health disparities among underserved populations. Whole genome (and exome) sequencing brings both the promise of expanding screening and the peril of dismantling the public health structure of newborn screening programs. Meanwhile, concerns about privacy have led to a federal law that may prevent research in newborn screening. This interactive session traces the history of newborn screening and explores the ethical and policy dilemmas faced by clinicians, researcher and the broader public.

Dr. Brosco is Professor of Clinical Pediatrics in the University of Miami Department of Pediatrics. He serves as Associate Director of the Mailman Center for Child Development, Chair of the Jackson Health System's Pediatrics Bioethics Committee, and Co-Chair of the Steering Committee for the NIH-funded Newborn Screening Translational Research Network.

Dialogues in Research Ethics is a series of monthly conferences. For more information, phone UM Ethics Programs at 305-243-5723 or E-mail ethics@miami.edu.

Co-Sponsors:

- UM Office of Research
- University of Miami Hospital
- Jackson Health System
- UHealth / University of Miami Health System
- UMHC / Sylvester Comprehensive Cancer Center
- VA Healthcare System

