**Human Milk & Long Term Outcomes:  
Psychosocial Aspects, Biologic Components and Current Research**

**Agenda:**

8:30-8:40 Welcome and Introduction

8:45-9:15 Keynote
Cheryl Anderson PhD, MPH, MS – Research horizons: infant feeding and population health

9:15-10:25: Session 1: Psychosocial aspects of breastfeeding and long-term outcomes part 1
Sheila Gahagan MD, MPH: A Potpourri of Adolescent Health Outcomes Related to Breastfeeding Duration and Exclusivity (9:20-9:50)
Jason Sauberan, Pharm D: The most common medications used during lactation, and what we know about them (9:55-10:25)

10:25-10:45 Coffee Break

10:45-11:55 Session 2: Psychosocial aspects of breastfeeding and long-term outcomes part 2
Emily Tuthill, PhD - Psychosocial and structural determinants of breastfeeding among women living with HIV in Kenya and South Africa, and relevance to women in the US with HIV. (10:50-11:20)
Valerie Flaherman, MD, MPH- Breastfeeding in mothers with maternal depression or anxiety (11:25-11:55)

12:00-1:00 Lunch

1:10-2:20: Session 3: Biologic components of human milk and long-term outcomes part 1
Lars Bode, PhD– Oligosaccharides and maternal drivers and short-and long term health (1:15-1:45)
Catherine Field, PhD, RD - Importance of the long chain omega-3 fatty acids in human milk to benefit an infant's immune development and risk of allergy (1:50-2:20)
2:20-3:30: Session 4: Biologic components of human milk and long-term outcomes part 2


Philip Gordts, PhD – Human milk oligosaccharides and risk for hyperlipidemia, atherosclerosis, obesity and diabetes (3:00-3:30)

3:30-3:50: Coffee Break

3:50 – 4:50: MOMI Seeds pilot grant program recipients

Kathryn Patras, PhD - Investigating the use of Human Milk Oligosaccharides to control Group B Streptococcus vaginal colonization (3:50-4:05)

Robert H. Tukey, PhD - Lactation as a vehicle for the delivery of environmental toxicants (4:05-4:20)

Martina Wallace, PhD - De novo synthesis of branched chain fatty acids and their role in human milk (4:20-4:35)

Anthony O'Donoghue, PhD - Quantification of proteolytic activity in human milk – comparing fresh vs refrigerated and pasteurized vs non-pasteurized milk (4:35-4:50)

4:50-5:00 Wrap up