

The
Art
and
Science
of
Breastfeeding

Friday, May 12, 2017 8:30-4:00 pm
Goodman Community Center
149 Waubesa Street
Madison, WI 53704

www.themilkmob.org/art-science-2017



Conference Schedule

8:30-8:55 AM	Registration and Breakfast (included)
8:55-9:00	Welcome
9:00-10:00	Feedback Inhibitor of Lactation and regulation of milk secretion There is more to the story! Laura Hernandez, PhD
10:00-11:00	SSRI (antidepressant) use during pregnancy and lactation, and the effect on maternal bone health Samantha Weaver, PhD student and Research Assistant
11:00-11:15	Break
11:15-12:15	The relationship between maternal obesity and delay in lactation What is happening at the level of the mammary gland? Laura Hernandez, PhD
12:15-1:00	LUNCH (included)
1:00-2:15	Lessons from a pediatric OT lactation consultant- normal oral motor and tongue function, the impact of tummy time on feeding skills, and a simple lymphatic drainage protocol Patricia Smith OTR, IBCLC
2:15-2:30pm	Break
2:30-3:30pm	Sensory Co-Regulation and the Fussy Baby Gretchen Becker Crabb, OTR/L, CLC, IMH-E™
3:30-4:00	Closing remarks, questions

Regular Conference Fee - \$120
Earlybird thru March 31, 2017 - \$90
Registration Deadline - May 1, 2017

Accreditation

Application for Continuing Education Recognition Points has been submitted to the International Board of Lactation Consultant Examiners.

Parking

Free parking is available at The Goodman Center.

Cancellation Policy

Full refund up to 2 weeks before course.
50% refund for 2 weeks before course.
No refunds after Sunday, May 7, 2017.

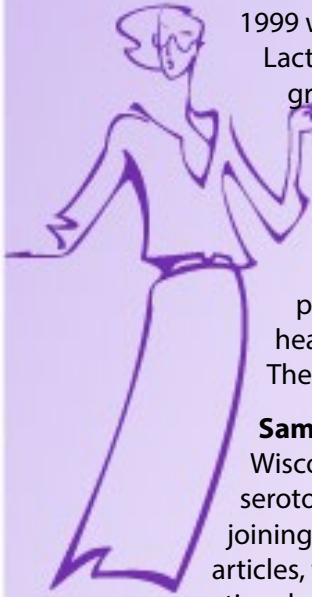
The Milk Mob

is a 501c3 nonprofit membership organization, dedicated to the creation of Breastfeeding Friendly Medical Systems and Communities. Elevating breastfeeding knowledge in medical systems and communities is a first step in providing optimal outpatient breastfeeding support for families.

Please visit www.themilkmob.org to learn about our memberships, breastfeeding training programs, and other educational projects.

Register online at www.themilkmob.org/art-science-2017





Gretchen Becker Crabb, OTR/L, CLC, IMH-E® graduated from the University of Wisconsin- Madison in 1999 with a Bachelor of Science degree in Occupational Therapy. In 2007, she became a Certified Lactation Counselor and in 2015, a La Leche League Leader in the Madison Area Chapter. Gretchen graduated from the University of Wisconsin-Madison Infant, Early Childhood and Family Mental Health Capstone program and received Infant Mental Health Endorsement as an Infant Family Specialist in 2016. She is currently pursuing a MSE from the University of Wisconsin-Platteville to become a Licensed Professional Counselor. Over the last 16 years, she has provided occupational therapy and lactation support for children and families in birth to three, Head Start, Early Head Start, private practice, and intensive autism programs. The foundation of her practice is in sensory integration with a special emphasis on feeding, attachment and mental health, especially in infancy and early childhood. Gretchen is currently employed at Children's Therapy Network, in Madison, WI.

Sam Weaver is a PhD graduate student studying under Dr. Laura Hernandez at the University of Wisconsin-Madison. She is in the third year of her PhD, with her project focusing on non-neuronal serotonin's role in regulating maternal calcium homeostasis during pregnancy and lactation. Since joining Dr. Hernandez's lab as an undergraduate in 2012, Sam has been an author on 10 peer-reviewed articles, with several more papers currently under review. In 2016, she was one of 2,000 out of 17,000 national applicants awarded the prestigious National Science Foundation Graduate Research Fellowship. Her 2016 article "Elevation of circulating serotonin improves calcium dynamics in the dairy cow transition period" was chosen by the Journal of Endocrinology for press coverage, and her work on Selective Serotonin Reuptake Inhibitors and bone density was selected for press coverage at the ENDO 2016 conference in Boston.

Sam hopes to graduate with her PhD in May of 2018 and pursue a Post-Doctoral research position in the biomedical field. Eventually, she hopes to end up in a research-intensive university studying basic reproductive physiology.

Dr. Laura L. Hernandez is an Associate Professor in the Dairy Science Department at the University of Wisconsin-Madison, she is also a member of the Endocrine and Reproductive Physiology, Interdisciplinary Graduate Program in Nutritional Sciences, and the Comparative Biosciences Graduate programs. She received her Ph.D. in 2008 from the University of Arizona under the direction of Dr. Bob Collier and completed her post-doctoral in Molecular and Cellular Physiology with Dr. Nelson Horseman and the University of Cincinnati College of Medicine. Her area of research has focused on how serotonin controls the mammary gland and various aspects of lactation. Dr. Hernandez combines basic research from the cell to whole-animal level in a variety of mammalian species to broaden the focus on the importance of the mammary gland and its contributions to and regulation of a successful lactation in dairy cattle. The outcomes of her novel research are aimed at demonstrating the presence of factors (specifically serotonin) produced within the mammary gland that can control the animal's physiology while lactating, particularly during the transition period when cows are the most metabolically and physiologically challenged. She specifically focuses on the interaction of serotonin and calcium metabolism during the transition period. Her research has determined that serotonin is an important regulator of mammary gland, maternal calcium, and maternal energy homeostasis during lactation. She has authored/co-authored, 33 peer reviewed journal articles. Her research on the coordination of maternal metabolism during lactation by the mammary gland has numerous applications to women that are breast-feeding, and is focused on improving maternal health during this time frame and in later life.

Patricia Smith OTRL, IBCLC, CIMI, RYT200 is an Occupational Therapist and Lactation Consultant. She has had a private practice for the past 15 years where she works with dyads with challenging breastfeeding issues using a variety of therapy techniques and oral motor strategies. In addition, she has worked with several out patient clinics and hospitals. She has been an Occupational Therapist for the past 25 years and an IBCLC for the past 6 years. She is trained through the international institute of infant massage and is a certified yoga instructor.

She has lectured on the benefits of an integrative breastfeeding clinic and combining the skills of Occupational and Speech Therapy in Lactation, She has been a guest lecturer at Madison Area Technical College and has had several interviews with local radio and TV stations on the benefits on how craniosacral therapy can help infants. She is planning to continually develop better ways to evaluate oral dysfunction in infants and observe how overall development and state regulation can affect feeding skills.

