The 23rd Annual International Meeting



ACADEMY OF Breastfeeding Medicine[™]



The 23rd **Annual International Meeting** presented by the **Academy of Breastfeeding Medicine** will feature world-class speakers providing cutting-edge research and clinical information on current issues in breastfeeding medicine, spanning both maternal and child health.

This year's meeting is an ideal context for physicians, registered nurses, lactation consultants and other health professionals to continue their professional education in a highly respected, stimulating environment, while earning continuing education credits. The oneday pre-conference course, "What Every Physician Needs to Know About Breastfeeding (WEPNTK)" will once again be offered to all health professionals on Wednesday, November 14. Also, on the same day, an advanced full-day course, "What Every Physician Needs to Know About Breastfeeding II (WEPNTK II)" will again be offered to physicians who have previously completed WEPNTK.

Our full day of sessions for ABM members and other physicians on Thursday, November 15, will also feature a session on Abstract Podium Presentations. The All-Conference agenda on Friday, November 16 and Saturday, November 17, will engage physicians, registered nurses, lactation consultants, midwives, and other health professionals with the goal of stimulating collaborative learning with world-renowned speakers and of course our Annual Founders' Lecture.

We will again present innovative workshops on novel approaches to common breastfeeding challenges in clinical practice and a chance to address "hot-button" or evolving issues that are newly recognized. And of course, our well-attended poster sessions will be available throughout the meeting.

We look forward to seeing you in November!

Jointly provided by



academy of Breastfeeding Medicine[™]



Postgraduate Institute for Medicine

San Francisco

November 14-17, 2018

13th ANNUAL FOUNDERS' LECTURE

"Human Milk Oligosaccharides: Every Baby Needs a Sugar Mama" Lars Bode, PhD Professor, University of California, San Diego

2018 CONFERENCE CHAIR

Caroline Chantry, MD, FABM University of California, Davis

2018 CONFERENCE COMMITTEE

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In cooperation with the

American Academy of Pediatrics







2018

Disease

Thursday, November 15 (Physician-Only)

8:00–8:15 am Opening Remarks Timothy J. Tobolic, MD, FABM President, Academy of Breastfeeding Medicine
8:15–9:00 am Breastfeeding Research Hit Parade – Arthur I. Eidelman, MD, FABM Shaare Zedek Medical Center, Jerusalem, Israel Editor-in-Chief, Breastfeeding Medicine
9:00–9:45 am Breastmilk, Microbes and the Risk of Samuli Rautava, MD, PhD Turku University Hospital, Turku, Finland 9:45–10:15 am Break with Abstracts

10:15–11:00 am Macronutrient & Energy Composition of Preterm Human Milk: a Systematic Review Francis Mimouni, MD Shaare Zedek Medical Center, Jerusalem, Israel

11:00-11:45 am Neonates Long-Term Cardiac Benefits of a Human Milk Diet in Preterm

Adam Lewandowski, PhD University of Oxford, United Kingdom

11:45–12:30 pm Mother's Milk: In Sickness and Health? Molly Kresin, DO Mayo Clinic Arizona

12:30–1:30 pm Lunch with the ABM Board of Directors

1:30-2:15 pm The Use of Human Milk in Pediatric Bone Marrow Transplantation Stella Davies, MBBS, PhD Cincinnati Children's Hospital Medical Center

2:15–3:00 pm Anesthesia, Opioids, and Breastfeeding, Oh My! A Closer Look at Two ABM Protocols Sarah Reece-Stremtan, MD Children's National Health System

3:00-3:30 pm Break with Abstracts

3:30–4:30 pm Podium Research Presentations

4:30-5:15 pm Using Public Policy to Improve Child Health Mark Del Monte, JD

American Academy of Pediatrics

6:15-7:00 pm Annual ABM Update

7:15-9:00 pm Reception and Annual Banquet

Friday, November 16 (All-Conference)

8:00 am Opening Remarks and Introduction of the Thirteenth

Annual Founders' Lecture Victoria Nichols-Johnson, MD, FABM Southern Illinois University School of Medicine

8:15-9:00 am Founders' Lecture

Human Milk Oligosaccharides: Every Baby Needs a Sugar

Mama

Lars Bode, PhD Professor, Principal Investigator at University of California, San Diego (UCSD)

9:00–9:45 am Signaling Between Mother and Infant During Lactation: Evolutionary, Athropological, Biological, and Practical Considerations Mary Fewtrell, MD, BM BCh University College London, United Kingdom

9:45-10:30 am Breastfeeding Promotion and Support-in
an Era of Opioid Epidemic
Laura Ward, MD
Cincinnati Children's Hospital Medical Center

10:30–11:00 am Break with Abstracts

11:00–11:45 am The Challenges, Opportunities, Successes and Every-day Realities of Breastfeeding Support in the WIC Program Kiran Saluja, MPH, RD PHFE WIC Program, Irwindale, CA

- 11:45–12:30 pm Podium Research Presentations
- 12:30–1:30 pm Lunch
- 1:30-3:00 pm Workshops
- 3:00-3:30 pm Break with Abstracts
- 3:30–4:15 pm Global Efforts to Improve Company Compliance with the WHO Code of the Marketing of Breastmilk Substitutes Shelly Sundberg, MS Bill & Melinda Gates Foundation, Seattle, WA
- 4:15–5:00 pm Ankyloglossia and Frenotomy: What Is the Evidence? Ana Meyer, MD University of California, San Francisco (UCSF)

5:00-5:45 pm Maternal Complications and Breast Masses in Breastfeeding Katrina Mitchell, MD Presbyterian Health Services, Albuquerque, New Mexico 6:15-7:30 pm Reception and Summit Debriefing

6.15-7.50 plit Reception and Summit Debriening

Saturday, November 17 (All-Conference)

8:00–8:45 am The Mechanics of a Breastfeeding Movement in the Philippines: What Physician Organizations Can Do Maria Cristina Cornelio-Bernardo, MD, FABM The Medical City, Philippines

8:45–9:30 am The Evolution of Lactation: A Model for Diet and Health Bruce German, PhD University of California, Davis (UCDavis)

9:30–10:15 am Breastfeeding, Human Milk, and Neurodevelopment in Full Term and Preterm Infants Mandy Brown Belfort, MD, MPH Harvard Medical School

10:15–10:45 am Break with Abstracts

10:45–11:30 am Baby Behavior in Pediatric Settings: A Quality Improvement Project Jane Heinig, PhD University of California, Davis (UCDavis)

11:30–12:15 pm Hospitalization for Nipple Confusion: A Method to Restore a Healthy Breastfeeding Asti Praborini, MD (ABM colleague of Ratih Wulandari, MD) Kemang Medical Care, Jakarta, Indonesia

12:15–1:00 pm 3,500 Miles on Foot: Challenges of Breastfeeding

in Rural China Yuwen Ren, MD Shanghai YUREN Breastfeeding Promotion Center, Shanghai, China

1:00 pm Closing Remarks and Adjournment Timothy J. Tobolic, MD, FABM President, Academy of Breastfeeding Medicine

Pre-Conference Course Program (Open to all health professionals)

"What Every Physician Needs To Know About Breastfeeding" (WEPNTK)

Course Director

Joan Younger Meek, MD, MS, RD, FABM Florida State University College of Medicine Tallahassee, FL

WEPNTK (Wednesday, November 14, 8:00am-5:00pm) What Every Physician Needs to Know About Breastfeeding is a full day course that aims to fill in the knowledge and clinical skills gaps that many physicians report in their training. The course methods include didactic presentations, small group case-based discussion, and audiovisual aids to review the foundation of breastfeeding support, management, and clinical problem solving. The course will be team taught by physician specialists in obstetrics and gynecology, family medicine, pediatrics, and neonatology.

Content is based predominantly upon the evidence-based clinical protocols developed and published by the Academy of Breastfeeding Medicine, as well as statements from ACOG, AAFP, and AAP, as well as the Baby Friendly Hospital Initiative "Ten Steps to Successful Breastfeeding."

This course has been developed and presented to participants in conjunction with the Academy of Breastfeeding Medicine's Annual International Conference since 2001, with periodic review of content and update of the evidence and recommendations. Target audience includes physicians, medical students, residents, and fellows, but we welcome all members of the health care team, especially those who have direct interaction with breastfeeding families. For details of the full-day agenda, please visit the conference website: www.bfmed.org.

Co-Directors

Rima Strassman, MD, FABM Children's HealthCare Allentown, PA

Nanette Dahlquist, MD, FABM Hillsboro Pediatric Clinic Hillsboro, OR

WEPNTK II (Wednesday, November 14, 8:00am-5:00pm) is a full day course that aims to build on the foundation provided by WEPNTK and is open to physicians who have already attended that course. WEPNTK II focuses on advanced clinical practice in the area in the area of breastfeeding medicine and will be team taught by Fellows of the Academy of Breastfeeding Medicine whose primary training is in pediatrics, family medicine, and obstetrics and gynecology.

This advanced course will feature didactic presentations, case studies, workshops, and interactive exchanges with all attendees. WEPNTK II is a dynamic course and its agenda will change from year to year to address physician interests and requests. For complete details of the full-day agenda, please visit the conference website: www.bfmed.org.



The Authoritative, Peer-Reviewed Journal that Enables Physicians to Better Understand the Complexities and Benefits of Breastfeeding

Created by physicians and dedicated to the advancement of breastfeeding worldwide, **Breastfeeding Medicine** answers the growing demand for high-quality, evidence-based research on breastfeeding and human lactation. The Journal focuses on all medical aspects of breastfeeding, explores the immediate and long-term outcomes of breastfeeding, and addresses the wide spectrum of research and clinical applications that impact optimal care of mother and infant.



The 23rd Annual International Meeting of the Academy of Breastfeeding Medicine



San Francisco • November 14–17, 2018

2018 Innovative Workshops

Please read the descriptions and select your top 3 preferences upon registration.

Register early to secure your spot. For full workshop descriptions, visit our website: www.bfmed.org

Perioperative Management of the Lactating Patient: Caring for Breastfeeding Mothers Undergoing Surgery or a Procedure Requiring Anesthesia Care Elizabeth Reith, MD; Kara Barnett, MD; Jennifer Simon, BSN, RN, CPAN

The workshop will provide up-to-date, evidence-based, comprehensive recommendations in an evolving field, addressing newer and now commonly used anesthetics for the management of the lactating patient. Beginning with a didactic presentation covering pre- intra- and postprocedure considerations for the breastfeeding mother and child, strategies for perioperative breastfeeding, breast pumping, and storage of breastmilk will also be discussed, including the common challenge of coordinating care amongst multiple healthcare disciplines and in multiple practice settings. Interactive audience questions and answers will be followed by an interactive problem-based learning discussion (PBLD). Participants will receive an annotated bibliography with up-to-date references.

Performing Physical Breast Assessment Katrina Mitchell, MD; Anne Eglash, MD, FABM; Lauren Hanley, MD, FABM;

Kimberly Stone, MD

The physical breast exam is important in identifying the etiology of common complications of lactation as well as recognizing more worrisome masses. Key aspects of the comprehensive breast and regional nodal basin exam will be reviewed, and participants will perform the exam on simulation breast models. Aspects of the breast exam that are relevant to lactating women will be addressed, including identification of insufficient glandular tissue and specific findings that represent different etiologies of breast pain. A demonstration of how to perform breastmilk culture and a review the presentation of common benign and malignant masses that may occur during lactation will be included.

Implementing the use of oral glucose gel in a newborn hypoglycemia protocol Rana Alissa, MD

Neonatal hypoglycemia is a common problem in the newborn nursery and NICU. One institution's success in using oral glucose gel as a first line for managing the asymptomatic newborn with hypoglycemia will be discussed. Benefits include: decreased rate of NICU admissions and transfers, increased breastfeeding rates, and decreased hospital charges. The presenter will share the institution's hypoglycemia protocol which was based on a modification of the AAP protocol to accommodate glucose gel. The session will include a brief video on how administer glucose gel to a hypoglycemic newborn, along with breakout groups for a discussion of how to introduce glucose gel to other hospitals.

Improving Maternity Care Practices - Successful Programs from Around the World Julie Ware, MD, MPH, FABM; Ann Kellams, MD, FABM; Elien Rouw, MD, FABM; Lori-Feldman-Winter, MD, MPH, FABM; Yvette Piovanetti, MD, FABM

The Ten Steps to Successful Breastfeeding has been shown to improve breastfeeding initiation, exclusivity, and duration worldwide, as well as decrease disparities in breastfeeding initiation. Examples of successful strategies for implementation, challenges and plans for the future, including changes inherent in the new WHO/UNICEF guidance, will be shared. Participants will receive a summary of best practices from the highlighted programs and a toolkit for implementation in their own areas. Particular emphasis will be on safety considerations while implementing the Ten Steps, the importance of engaging leadership, payors, and physicians, and the overarching importance of equity in improved maternity practices.

Hands-On Training in Lingual Frenotomy Susan Rothenberg, MD; Bobak A. Ghaheri, MD; Earl Harley, MD

Ankyloglossia (tongue-tie) can contribute to poor latch at the breast and create significant difficulties for the breastfeeding dyad. Frenotomy, a simple, well-tolerated procedure, can be done in an office or inpatient setting with minimal equipment. Because frenotomy is rarely taught in residency programs and many communities lack easy access to the procedure, the presenter will use didactic and simulation portions to teach the indications for and technique of newborn and early infant frenotomy. The workshop will review the incidence of ankyloglossia. common symptoms, the formal evaluation of lingual frenula and will demonstrate the method using scissors with and without a grooved retractor.

Informal Breastmilk Sharing: What You Need to Know Natasha K. Sriraman, MD, MPH, FABM; Amy Evans, MD, FABM; Robert Lawrence, MD, FABM; Larry Noble, MD, FABM

This workshop will address the recommended guidelines of Informal Milk Sharing based on the recent publication of the ABM Statement: Informal Milk Sharing. To address the controversial topic of milk-sharing, we will have a didactic portion discussing the guidelines briefly and common questions encountered from patients and providers, and then present 3 cases where we will illustrate how to determine the safety of milk sharing in various different clinical scenarios utilizing audience participation. A question and answer session at the end will address issues not answered in the workshop.

Design Your Breastfeeding Research Study!

Laura R. Kair, MD; Melissa J. Chen, MD, MPH; Eleanor Bimla Schwarz, MD, MS; Valerie J. Flaherman, MD, MPH

Clinical researchers will provide information and practical skills for conducting research using 4 clinical study designs: cohort, case-control, cross- sectional, and qualitative. Participants, breaking into facilitated groups based on the preferred study design for their research questions, will complete a 1-page worksheet designed to develop a 1-sentence research question. Re-convening as a whole group, the workshop leader will provide a brief overview of developing a research plan. Working again in small-groups, participants will define their study sample, outcome measures, and study documents or survey instruments, leaving the workshop with a fully-developed research question and a study outline to help answer it.

Teaching with Group Facilitation: skills to engage and inspire medical professionals

Andrea B. Joyner, MD; Erin Berry, MD, MPH; Sarah Kellerhals, MD; Susan D. Crowe, MD This interactive workshop will equip participants with teaching skills to inspire active and individualized learning about breastfeeding in a group setting. The teaching style addresses the complex needs of adult learners by engaging them in the topic more effectively and resulting in better retention. After a brief introduction to the technique of group facilitation, participants will work in smaller groups to practice their new skill set, utilizing technology (laptops, phones, tablets) to rapidly research didactic topics and present findings to fellow learners. They will learn how to adapt this model to groups of learners with varying degrees of breastfeeding knowledge.

Travel and Hotel Information...Book Early!

The Meeting will be held at the Intercontinental Mark Hopkins in San Francisco, CA. A block of rooms is being held at the conference rate of \$239 per night (single or double). Hotel room reservations can be made through the following booking website: www.bfmed.org/hotel-information

*Please note that this link will not automatically populate the dates for the meeting. You will need to select the proper dates you wish to stay and the room rate will be applied.

You may also reserve your hotel room using the following dedicated reservation phone lines: 1-800-662-4455. Please be sure to mention that you are attending the 23rd Annual International Meeting of the Academy of Breastfeeding Medicine.

Reservations must be received on or before Sunday, October 21, 2018

Parking Options

Parking: \$45 subject to availability

Intercontinental Mark Hopkins 999 California St, San Francisco, CA 94108 Phone: 1-800-662-4455

Area Airports

San Francisco International Airport (SFO) Travel Distance: Approximately 23.17 km/14.4 miles

Taxi Fare range: \$47.09 - \$67.09

Airport Shuttle

\$17 per person

For further information on ground transportation, visit: www.flysfo.com/to-from/ground-transportation



Joint Accreditation Statement - In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine and the Academy of Breastfeeding Medicine. Postgraduate Institute for Medicine is jointly accredited by the Accreditation Council for Continuing

Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

PHYSICIAN CONTINUING MEDICAL EDUCATION - The Postgraduate Institute for Medicine designates this live activity for a maximum of 22.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity

• Pre-Conference: 8.25

• All-Conference: 13.75

NURSING CONTINUING EDUCATION - The maximum number of hours awarded for this Continuing Nursing Education activity is 12.0 contact hours.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

CERPS: Application for CERPS credit has been filed with The International Board of Lactation Consultant Examiners. Determination of credit is pending.

Disclosure of Conflicts of Interest

Postgraduate Institute for Medicine (PIM) requires instructors, planners, managers, and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to PIM policy. PIM is committed to providing its learners with high quality activities and related materials that promote improvements or quality in healthcare and not a specific proprietary business interest of a commercial interest.

Americans with Disabilities Act



Event staff will be glad to assist you with any special needs (i.e., physical, dietary, etc). Please contact Norma Carby prior to the live event at (914) 740-2263.

Physician Continuing Education





23rd Annual Meeting Objectives

At the conclusion of this Meeting, participants should be able to:

- 1. Differentiate micronutrients, macronutrients, and microbial contributions of human milk.
- 2. Discuss changes in anatomy, biochemistry, immunology, and signaling between mother and infant due to human milk.
- 3. Describe how human milk may affect and be affected by severe illness.
- 4. Discuss cultural differences affecting breastfeeding support and advocacy.
- Explain how to use ABM protocols and evaluate anesthesia options 5. for lactating women.
- 6. List 2 successes and challenges of breastfeeding support for WIC clients and for opioid-addicted mothers.
- State 3 examples of how implementation of the International Code of 7. Marketing of Breastmilk Substitutes can benefit a community.
- Discuss findings of tongue-tie, nipple confusion, and ways 8. neurodevelopment, baby behavior, and human milk interact.
- 9. Outline the process for evaluation of breast mass in lactating women.

Can't attend? Contribute instead!

Though you may not be able to attend our Meeting this year, we hope that you still support our mission by making a contribution to ABM. Among the options, you can support international conference participants. As a thank you, we will recognize your generosity in the final Meeting program and in our official peerreviewed journal Breastfeeding Medicine.

> For more information about donating to ABM, visit our website: bfmed.org

Register Today

Registration Option (Please check all that apply)	*Get Last Year's Rates!	Early Bird (by 8/1/18)	2018 Rates (after 8/1/18)
Physician and All-Conferen	ce Meeting (N	November 15–17)
ABM Members	5.	□ \$850	□ \$950
□ Non-Members		□ \$995	□ \$1095
Students/Resident Men	nbers	□ \$175	□ \$175
Students/Resident Non	-Members	□ \$200	□ \$200
All-Conference Meeting (N	ovember 16–1	7)	
Non-Physician Health P	rofessionals	□ \$425	□ \$475
Other Activities			
Course: WEPNTK (Nov. 1	14)	🗖 \$120 (\$50 Stud	ent) 🗖 \$150 (\$50 Student)
Course: WEPNTK II (Nov. 14)		🗖 \$120 (\$50 Stud	ent) 🗖 \$150 (\$50 Student)
Additional Friday banque	et ticket (Nov. 1	5) 🛛 \$75	□ \$75
Conference Syllabus			
Electronic Drive (No fee)	U WEPNTK	Physician Mtg.	□ All-Conference
Print Copy (\$55 ea)	U WEPNTK	Physician Mtg.	□ All-Conference
Contributions (see website for more information)			
International Participan	nt Travel Suppo	ort \$	
Friends of the Academy	/	\$	
Maurice Rosefelt Schola	arship Fund	\$	
		Tota	l: \$
Payment Options:			
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All checks must be made payable t	o the Academy o	f Breastfeeding Medio	cine, in US currency and
drawn on a US bank. Registration	must be prepaid.		
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Conference Registration Information

Name, Degree(s)	
Affiliation/Organization	
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Country	Email*
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Special Dietary Needs	

List your top 3 workshop choices in order of preference:

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Are you a member of any

Please send me information on:

Please send me info	ormation on:	of these of	organizations:
ABM Membership	Donating to ABM	□ AAFP	🗆 AAP
Sponsorship	Exhibiting	□ ACOG	
Subscribing to Bro	eastfeeding Medicine	□ IBLCE	🗆 ILCA
Advertising in Bre	astfeeding Medicine	🗆 APHA	🗆 NMA

*Registrations will not be processed without a valid e-mail. All e-mail addresses will be kept confidential.

Submit registration form by mail: 140 Huguenot Street • New Rochelle, NY • 10801 Phone: (914) 740-2115, fax: (914) 740-2101, or register online at bfmed.org

Cancellation policy: Written cancellations received prior to September 1 for the ABM Member and Physician Meeting will receive a refund, less a \$150 processing fee (or less a \$50 processing fee for the All-Conference Meeting). Cancellations after this date are nonrefundable; however, substitutions from the same organization are welcome. If, for any reason, this conference is cancelled, the Academy of Breastfeeding Medicine is not responsible for covering airfare, hotel, or other costs incurred by conference registration.

Be a Part of the ABM Experience in San Francisco. Register Now at bfmed.org!

The 23rd Annual International Meeting of the *Academy of Breastfeeding Medicine*

November 14–17, 2018



Supported in part by W.K. KELLOGG FOUNDATION

ABM ACADEMY OF Breastfeeding Medicine

140 Huguenot Street New Rochelle, NY 10801-5215

Register Today and Save!

What our attendees are saying:

"I love how comprehensively the topic of breastfeeding is covered – talks by dentist/anthropologists, breast surgeons, microbiome researchers and more! Great scientific information combined with practical tips and workshops to help me to help mothers succeed at breastfeeding." — Melanie Mouzoon, MD, FABM

"Cutting edge information that even the most experienced professionals can take home and begin using the next day." — James G. Murphy, MD, FABM

"When attending ABM, it is the only time in my professional life when I am my authentic self: an academically minded physician and a breastfeeding mother AT THE SAME TIME!" — Meaghan K. Nigra, MD

"ABM is the best community of breastfeeding experts!" — Andreja Tekauc Golob, MD

"As a medical student, I enjoyed getting the opportunity to interact with future colleagues, and see all the wonderful research and initiatives they are taking part in. It was truly inspirational."

> — Lissette Moreno AUC School of Medicine











