

48th Annual Meeting
Atlanta Marriott
Hotel & Conference Center
Atlanta, Georgia



September 8 – 10, 2017

Meeting Information

PRS Check-In

To ensure that attendance is recorded and to receive meeting materials, please check in with the Society staff upon arrival at the Registration Desk located in the main lobby of the hotel.

Fitness Facilities

Both the Gym and Outdoor pool are located on the G level of the Hotel – both require keycard access.

Meals

Registration includes the following meals: Dinner (Friday), Breakfast, Lunch, Refreshment Breaks and Dinner (Saturday), Breakfast, Refreshment Break, Box Lunches (Sunday).

Parking

Parking is attached to the hotel. Overnight self-parking is \$24.00. Valet parking is \$32.00.

Internet Connection

Internet access is included with the rooms. Sleeping room codes will be provided upon check in.

Meeting room codes will be provided by the meetings concierge or one of the banquet captains.

Airport Distance

The airport is approximately 45 minutes from the hotel.

48th Annual Meeting

September 8 - 10, 2017

Atlanta Marriott Buckhead Hotel and Conference Center

Friday, September 8, 2017		
TIME	EVENT	LOCATION
3:00 - 6:00pm	CHECK-IN and REGISTRATION	Hotel Lobby
6:00pm	Welcome Reception	Heritage A-CC
7:00pm	Welcome by PRS President Tony Gregg, MD	Buckhead A-CC
7:10pm	Dinner	Buckhead A-CC
8:00 - 8:45pm	MEAD JOHNSON NUTRITION LECTURER Erik Herzog, PhD Title: Circadian Regulation of Birth -The mechanisms underlying pre-term birth are largely unknown. This talk will pursue the hypothesis that genetic or environmental disruption of daily rhythms intrinsic to the mom or feus puts a pregnancy at risk for premature delivery. Combining real-time imaging of birth and gene expression in reproductive and fetal tissues in mice- this work has identified human polymorphisms that alter pregnancy outcomes. Moderator: Ernie Graham, MD	Buckhead A-CC
8:45 - 9:00pm	QUESTIONS AND ANSWERS Erick Herzog, PhD	Buckhead A-CC
Saturday, September 9, 2017		
TIME	EVENT	LOCATION
6:45 - 7:45am	BREAKFAST	Conference Restaurant
8:00- 8:45am	MARCH OF DIMES LECTURER Phyllis Dennery, MD Title: The Bioenergetics of Neonatal Lung Injury and Repair. - Mitochondria are central to oxidative metabolism and, therefore, play an important role in regulating reactive oxygen species and nutrient utilization that impact injury and repair. This talk will discuss the implications of metabolism in neonatal lung disease. Moderator: Jeff Reese, MD	Heritage B-CC
8:45 - 9:00am	QUESTIONS AND ANSWERS Phyllis Dennery, MD	Heritage B-CC
9:00 - 9:20am	ABBOTT NUTRITION EARLY CAREER SPEAKER Tomo Tarui, MD, Tufts University Title: Developing new diagnostic technologies for fetal neurological disorders Moderator: Lisa Joss-Moore PhD	Heritage B-CC
9:20 - 9:40am	ABBOTT NUTRITION EARLY CAREER SPEAKER Charitharth Vivek Lal, MD University of Alabama at Birmingham Title: The role of Microbiota Induced Matrikines in Bronchopulmonary Dysplasia Moderator: Lisa Joss-Moore PhD	Heritage B-CC
9:40-10:00AM	ABBOTT NUTRITION EARLY CAREER SPEAKER - QUESTIONS AND ANSWERS	Heritage B-CC
10:00 - 10:30am	BREAK	Outside Heritage B-CC

Saturday, September 9, 2017

10:30- 11:15am	<p>NIH/NICHD TALK Diana Bianchi, MD Title: A Vision for the Future of NICHD - Dr. Bianchi (a past President of the PRS) will give an overview of her vision for the future of NICHD with a particular emphasis on results of a two-year analysis of individual and institutional training awards. She will also discuss shared data resources such as the DASH and Placental Atlas networks and opportunities for collaboration with other NIH institutes. Moderator: Ian Bird, PhD</p>	Heritage B-CC
11:15 -11:30am	QUESTIONS AND ANSWERS - Diana Bianchi, MD	Heritage B-CC
11:30 – 12:30pm	Business Meeting Anthony Gregg, MD and Paul Rozance, MD	Heritage B-CC
12:30 – 1:15pm	LUNCH	Conference Restaurant
1:15- 2:30pm	SCHEDULED EVENT: THE BIG GAME SHOW - ALL are encouraged to play	Heritage B-CC
3:30- 4:50pm	<p>LILEY LECTURER Charles Wood, PhD and Maureen Keller-Wood, PhD Title: Using Systems Biology to Understand Maternal-Fetal Physiology - Physiological processes are inherently complex networks of overlapping and complementary control systems. Candidate regulations are often investigated as isolated biochemical or molecular pathways. In this talk we will explore the concept of a nonlinear approach to discovery and validation of important regulatory processes in pregnancy and fetal development. Moderator: Tony Gregg, MD</p>	Heritage B-CC
4:50 - 5:05pm	QUESTIONS AND ANSWERS - Charles Wood, PhD AND Maureen Keller-Wood, PhD	Heritage B-CC
5:05 - 5:30pm	BREAK	Outside Heritage B-CC
5:30 - 5:50pm	<p>PSANZ-PRS MONT LIGGINS EARLY CAREER SPEAKER Teresa MacDonald, University of Melbourne Title: The Fetal Longitudinal Assessment of Growth (FLAG) study - Reduced third trimester growth velocity in fetuses of a normal birthweight is associated with placental insufficiency. Moderator: Frank Bloomfield, MBChB, Ph.D.</p>	Heritage B-CC
5:50 - 6:10pm	<p>MEAD JOHNSON NUTRITION EARLY CAREER SPEAKER Leticia Camacho, PhD, University of Arizona Title: Oxygen and Glucose Correction Improves Insulin Secretion in Sheep Fetuses with Placental Insufficiency Moderator: Lisa Joss-Moore, PhD</p>	Heritage B-CC
6:10 -6:30pm	<p>MEAD JOHNSON NUTRITION EARLY CAREER SPEAKER Jennifer Thompson, PhD, Augusta University Title: Maternal metabolic state and cardiometabolic risk in the offspring Moderator: Lisa Joss-Moore, PhD</p>	Heritage B-CC
6:30-6:50pm	PSANZ-PRS AND MEAD JOHNSON NUTRITION EARLY CAREER SPEAKERS QUESTIONS AND ANSWERS	Heritage B-CC
7:00 pm	Reception	Buckhead Ballroom A-CC
7:30pm	Dinner	Buckhead Ballroom A-CC
8:30pm	Awards	Buckhead Ballroom A-CC

Sunday, September 10, 2017

TIME	EVENT	LOCATION
6:45 – 7:45am	BREAKFAST	Conference Restaurant
8:00 - 8:45am	NIH/NICHD LECTURER Dinesh Shah, MD Title: Pathway to Preeclampsia - Renin Angiotensin System plays a major role in the maintenance of pressure and volume in the body. RAS probably plays a significant role in the pathogenesis of preeclampsia. We will discuss circulating vs tissue based RAS. Understanding the blood-flow and perfusion in the uterus and placenta and activation of the local RAS is critical in understanding pathway to preeclampsia. Moderator: Louise Laurent, MD, PhD	Heritage B-CC
8:45-9:00am	QUESTIONS AND ANSWERS Dinesh Shah, MD	Heritage B-CC
9:00 - 9:45am	ABBOTT NUTRITION LECTURER Frank Bloomfield, MBChB, Ph.D. Title: Fetal and Neonatal Nutrition and the Developing Pancreas -The pancreas undergoes significant development and maturation in late gestation and during the early postnatal period. Nutrition even within the range of normal practice - of the mother, fetus and newborn - can have significant effects on this development. Moderator: Sean Limesand, PhD	Heritage B-CC
9:45 10:00am	QUESTIONS AND ANSWERS Frank Bloomfield, MBChB, Ph.D.	Heritage B-CC
10:00 -10:30am	BREAK	
10:30- 11:15am	MEMBER LECTURER Clyde Wright, MD Title: Oxygen Toxicity in the Premature Lung: Can we separate the signal from the inevitable consequence? - Oxygen is a life-saving drug for babies born prematurely. However, some of the most common morbidities associated with a NICU stay - including BPD and ROP - are directly related to oxygen exposure. Paradoxically, the developing neonatal lung is less susceptible to this injury compared to the fully developed adult lung. The mechanisms underlying this observation are unknown. Understanding the signaling pathways controlling innate immune response to oxidative stress may reveal therapeutic targets meant to limit lung injury secondary to oxygen exposure in the NICU. Moderator: Trent Tipple, MD BOX LUNCHES AVAILABLE IN MEETING ROOM	Heritage B-CC
11:15am-11:30am	QUESTIONS AND ANSWERS Clyde Wright, MD	Heritage B-CC
11:30 - 12:15 pm	MEMBER LECTURER Emin Maltepe, MD, Ph.D. Title: Using Sheep Models to Study Pulmonary Hypertension and Oxygen Delivery Biotherapeutics - Sheep models of neonatal and pediatric cardiovascular disease have been central to advancing the care of these patients. Here we investigate a physiologically relevant model of pulmonary hypertension triggered by pulmonary over-circulation in newborn lambs as well as the utility of a novel class of non-hemoglobin based oxygen carriers in hypoxic as well as anemic hypoxia lamb models. Moderator: Sonnet Jonker, BS, PhD	Heritage B-CC
12:15 - 12:30 pm	QUESTIONS AND ANSWERS Emin Maltepe, MD, Ph.D.	Heritage B-CC
12:30 pm	MEETING CLOSE and ADJOURN	Heritage B-CC

2017 Young Investigator and Early Career Speakers

The Perinatal Research Society welcomes the following Young Investigators to the 48th Annual Meeting at the Atlanta Marriott Buckhead Hotel and Conference Center. Young Investigators attendance of the Grants Workshop is sponsored by **NIH award R-13-HD-079163 and R-13 R-13-HD-036244** and **Abbott Nutrition**.

Young Investigators attendance of the Annual Meeting is sponsored by support from **Mead Johnson Nutrition**. Early Career Speaker attendance of the Workshop and Main Meeting are supported by awards from **Abbott Nutrition, Mead Johnson Nutrition, and PSANZ**.

Early Career Speakers

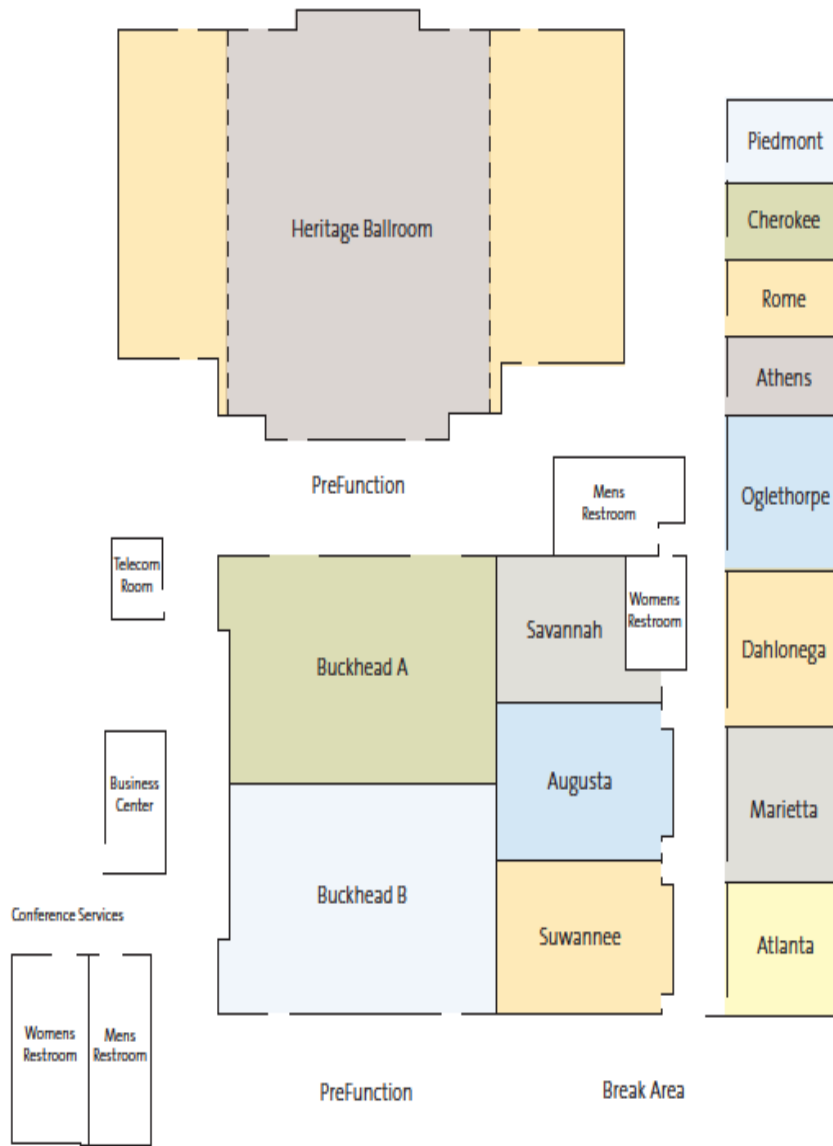
Leticia Camacho, PhD	University of Arizona
Charitharth Vivek Lal, MD	University of Alabama at Birmingham
Teresa MacDonald	University of Melbourne
Tomo Tarui, MD	Tufts University
Jennifer Thompson, PhD	Augusta University

Young Investigators & Trainees

Brit Boehmer, PhD	University of Colorado
Maisa Feghali, MD	University of Pittsburgh
Anjali Iyengar, MD	Tufts University
Angie Jelin, MD	Johns Hopkins University
Thomas Lechuga, PhD	University of California, Irvine
Krithika Lingappan, MD, MS	Baylor College of Medicine
Julio Nino, MD, PhD	Medical University of South Carolina
J. Lauren Ruoss, MD	University of Florida
Lakshmi Srinivasan, MBBS MTR	The Children's Hospital of Philadelphia
Francesca Soncin, PhD	University of California
Lauren Theilen, MD	University of Utah Health Care
Mary Wallingford, MAT, PhD	University of Washington

Floor Plans Atrium Level

ATRIUM LEVEL



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The Young Investigator Presidential Cassady Award

Award Purpose: For Meritorious Performance at the Annual Perinatal Research Society Meeting

Selection Criteria: The award is to be presented to a Young Investigator/Early Career Speaker at the meeting who most embodies the criterion of excellence defined by the PRS president at that time. The PRS president may invite anyone to assist in this decision as they see fit. It should be advised the recipient also attend the whole meeting to receive the award.

Origin of the Award: This award was established in 2012 in honor of Al Cassady, from Mead Johnson Nutrition (corporate meeting sponsor) in recognition of the personal effort that Al made to nurture young investigators far beyond the norm in his work with Mead Johnson. Al had achieved numerous awards throughout his career including:

- Chair of the Board of Directors for ADAF
- Mead Johnson Nutrition President's Award
- Mead Johnson Lifetime Achievement Award
- Mead Johnson Legends Award

Past Award Recipients

<u>Year</u>	<u>Recipient(s)</u>	<u>Meeting Location</u>
2012	Dr. James Wynn	Park City, Utah
2013	Dr. Trent Tipple	Chicago, Illinois
2014	Dr. R. Blair Dodson Dr. Joann Romano-Keeler	Monterey, California
2015	Dr. Nicole Barra	Denver, Colorado
2016	Dr. Arthur Vaught	Chicago, Illinois

Outstanding Paper by an Associate Member Award

The outstanding paper by an Associate Member was established in 2016. The prize will be awarded to three Associate Members (one in each track) for the most outstanding published paper within each track during the last year as determined by the PRS Council. If there are no applicants from one track, a second award may be made within another track. Each award recipient will be provided with free registration for the next PRS Annual Meeting.

Previous Award Recipients

2016	Dr. Derek Boeldt, PhD	Basic Track	Itasca, Illinois
2016	Dr. James Wynn, MD	Pediatric Track	Itasca, Illinois
2016	Dr. Nicole Marshall, MD, MR	OB/Gyn Track	Itasca, Illinois

Early Career Speakers – Photo / Bios



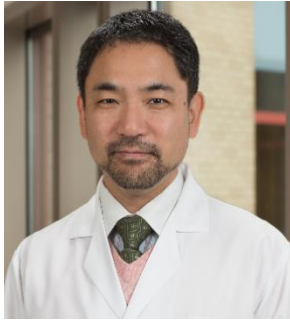
Leticia Camacho, PhD. Dr. Leticia “Ely” Camacho received her PhD in Reproductive Physiology from North Dakota State University. Currently she is in her 3rd year of postdoctoral training in perinatal biology and fetal programming in the School of Animal and Comparative Biomedical Sciences at the University of Arizona. In 2015, Ely received a NIFA USDA Postdoctoral Fellowship to investigate the adaptations in skeletal muscle growth and insulin-stimulated glucose metabolism in IUGR lambs. Currently, she has been investigating a potential intervention in IUGR fetuses to improve outcomes by lowering their concentrations of stress hormones caused by placental insufficiency.



Chariharth Vivek Lal, MD. During his fellowship in Neonatal and Perinatal Medicine at UT Southwestern (UTSW) Medical Center, Dallas, Dr. Lal focused on research investigating the basic mechanisms of lung angiogenesis and inflammation in premature infants under the mentorship of Drs. Margaret Schwarz, Rashmin Savani and Philip Shaul. For this he was the recipient of several national and regional research awards including the Society of Pediatric Research Basic Science Award, American Academy of Pediatrics Young Investigator Award, and Neonatal Cardiopulmonary Forum Young Investigator Award. During the last three years as junior faculty at the University of Alabama at Birmingham. Dr. Lal has worked with Drs. Namasivayam Ambalavanan, J. Edwin Blalock, and Amit Gaggar in the field of developmental lung biology and lung microbiome induced inflammation. He recently received the Southern Society of Pediatric Research Young Faculty Award in discovering that newborn airways have a microbiome at birth and dysbiosis in this airway microbiome is associated with development of severe Bronchopulmonary Dysplasia (BPD). He has further discovered the role of novel pulmonary exosomes, exosomal microRNAs, and ECM breakdown ‘matrikines’ in BPD. Dr. Lal is currently funded by the American Heart Association Scientist Development Grant and Kaul Pediatric Research Institute Early Career Grant, and serves a co-investigator for the NHLBI STOP-BPD grant. His overall goal is to become a successful physician-scientist in the field of neonatal pulmonary biology with expertise in understanding the role of the pulmonary microbiome in chronic lung disease of prematurity.



Teresa McDonald is a PhD student of the University of Melbourne, and is an obstetrics and gynaecology trainee at the Mercy Hospital for Women, Melbourne, Australia. Teresa's PhD is investigating for better detection of risk factors for stillbirth. This work lead her to receive the Mont Liggins award at the Perinatal Society of Australia and New Zealand Congress in Canberra, Australia, and Teresa is delighted that this award allows her to attend the 2017 PRS meeting.



Tomo Tarui, MD - Dr. Tarui is an Assistant Professor of Pediatrics and Neurology and an investigator of the Mother Infant Research Institute at Tufts Medical Center, MA. After graduated Keio University School of Medicine in Tokyo, Japan, Dr. Tarui started his career in US as a postdoctoral research fellow in Developmental Neurobiology, Neurology, Massachusetts General Hospital, and then pursued to Pediatric Residency at Maimonides Medical Center, Pediatric Neurology Residency at Boston Children's Hospital followed by subspecialty fellowship in Fetal Neonatal Neurology at Boston Children's Hospital. Dr. Tarui's clinical expertise and research has been focused on developmental neurobiology and development of novel diagnostic techniques and therapies of neurological disorders of young children starting from fetal period. Dr. Tarui's K23 project mentored by Drs. Diana Bianchi, Ellen Grant and Donna Slonim, is focused on development of prenatal diagnostic technologies utilizing quantitative fetal MRI analysis and fetal transcriptomic analysis to improve accuracy in diagnosis and counseling of fetal brain malformations.



Jennifer Thompson received her Ph.D. from the University of Western Ontario in 2012 and completed postdoctoral training at the Medical College of Georgia in Augusta GA. Her research on gestational diabetes has been funded by the NIH Pathway to Independence Award (k99/R00) and her work on vascular disease in diabetes funded by the American Heart Association. Recently, she was appointed Assistant Professor with the Libin Cardiovascular Institute in the Cumming School of Medicine at the University of Calgary. Her current research is directed towards understanding the link between metabolic complications of pregnancy and cardiovascular risk in the offspring.

Named Sponsorship Speakers (Photo / Bio)



Diana W. Bianchi, MD is the Director of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) at the National Institutes of Health (NIH) in Bethesda, Maryland. She is also an investigator in the National Human Genome Research Institute. Formerly, she was the Executive Director of the Mother Infant Research Institute at Tufts Medical Center and the Natalie V. Zucker Professor of Pediatrics, Obstetrics and Gynecology at Tufts University School of Medicine. She was also Vice Chair for Pediatric Research at the Floating Hospital for Children, Boston.

Dr. Bianchi is a *magna cum laude* graduate of the University of Pennsylvania. She received her M.D. from Stanford University School of Medicine and her postgraduate training in Pediatrics, Medical Genetics and Neonatal-Perinatal Medicine at Boston Children's Hospital and Harvard Medical School. She is board-certified in all three specialties. Her clinical expertise is in prenatal and neonatal genetics and genomics.

Dr. Bianchi's research focuses on noninvasive prenatal diagnosis using fetal and placental DNA sequencing and using information from fetal gene expression to develop novel fetal therapies for genetic disorders such as Down syndrome. Dr. Bianchi has published over 300 peer-reviewed articles, and is one of four authors of the book [Fetology: Diagnosis and Management of the Fetal Patient](#), which won the Association of American Publishers award for best textbook in clinical medicine in 2000. She is also Editor-in-Chief of the International Society for Prenatal Diagnosis' (ISPD) official journal, [Prenatal Diagnosis](#).

She has held multiple leadership positions in professional societies, including President of the ISPD and the Perinatal Research Society, council membership in the Society for Pediatric Research and the American Pediatric Society, and as a Director in the American Society for Human Genetics. Dr. Bianchi has received multiple awards, including the Christopher Columbus Spirit of Discovery Award and the Distinguished Faculty Award, both from Tufts University, the 2015 Neonatal Landmark Award from the American Academy of Pediatrics, the 2016 Maureen Andrew Award for Mentorship from the Society for Pediatric Research, and the 2017 Colonel Harland Sanders Award for lifetime achievement in Medical Genetics from the March of Dimes. In 2013 she was elected to the Institute of Medicine (now National Academy of Medicine). She is a past member of the National Advisory Council of the NICHD.



Frank Bloomfield, MBChB Ph.D. - Frank Bloomfield is Director of the Liggins Institute and Professor of Neonatology at the University of Auckland in New Zealand. He practices clinically at National Women's Hospital NICU in Auckland. Frank trained at Manchester, UK, taking a First Class Honours in Experimental Immunology and Oncology and his MBChB (medical degree) in 1987 and 1990 respectively. Following paediatric training in the North-West of England he emigrated to New Zealand, was admitted as a Fellow of the Royal Australasian College of Physicians in 1999 and took a PhD from the University of Auckland in 2000. Following a post-doctoral fellowship at the University of Toronto with John

Challis, combined with a departmental fellowship at The Hospital for Sick Children, Frank returned to the Liggins Institute where he leads a research team investigating fetal and neonatal nutrition, growth and development, encompassing both basic science and clinical research.

Frank is immediate Past-President of the Perinatal Society of Australia and New Zealand and a member of PRS Council. He is a member of New Zealand's National Maternity Monitoring Group and of the Clinical Governance Board of New Zealand's National Intestinal Failure Service and is an editor for *Pediatric Research*.



Phyllis A. Dennery, MD, FAAP - Phyllis Dennery is the Sylvia Kay Hassenfeld Professor and Chair of Pediatrics at the Warren Alpert Medical School; Pediatrician-in-Chief, Rhode Island Hospital; Medical Director, Hasbro Children's Hospital; and Professor of Molecular Biology, Cell Biology and Biochemistry at Brown.

She obtained her B.S. in Biology from McGill University in Montreal, Canada and her medical degree from Howard University in Washington, DC. Dr. Dennery completed a residency in pediatrics at Children's Hospital National Medical Center also in Washington, DC and a fellowship in Neonatology at Case Western Reserve University (Rainbow Babies and Children's Hospital) in Cleveland, Ohio. She was

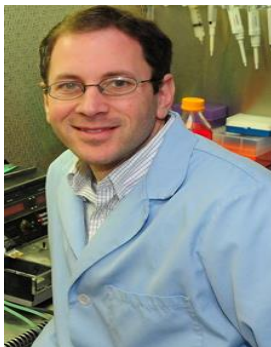
on the faculty at Stanford University from 1990-2003 where she served as Director of Neonatology Research and Associate Division Chief, after which she was recruited to Children's Hospital and the University of Pennsylvania to serve as the Division Chief in Neonatology from 2003-2015. She was recruited to lead the Department of Pediatrics at Brown in 2015.

Dr. Dennery is the recipient of many awards and honors including the Ross Young Investigator Award from the Western Society of Pediatrics, the Alfred Stengel Health System Champion Award from the University of Pennsylvania, an Honorary Doctorate of Science from Ursinus College, and an appointment to the Secretary of Health and Human Services Advisory Committee on Infant Mortality, amongst many others. She has been a Top Doctor in the US for many years. She was elected to the National Academy of Medicine, and the Association of American Physicians and the American Clinical and Climatological Association. Three of the top honors in medicine.

Dr. Dennery is an active member of many professional and scientific societies including the American Society for Clinical Investigation, the Society for Free Radicals in Biology and Medicine. She served as the President of the Society for Pediatric Research and the President of the International Pediatric Research Foundation. She is now the President-Elect of the Society for Redox Biology.

Dr. Dennery's research has been consistently funded by the National Institutes of Health and she publishes in top tiered journals. Her research is focused oxidative stress mediated neonatal lung gene regulation and on chronobiology of lung injury and repair. Her clinical interests are in neonatal jaundice, bronchopulmonary dysplasia and the long-term consequences of prematurity as well as improving pediatric health through community engagement. She now is the Principal Investigator for a Grant from the IDEa States Pediatric Clinical Trials Network (ISPCTN) to support clinical trials to understand environmental impacts on child health outcomes.

On a personal note, Dr. Dennery enjoys reading and writing novels, gourmet cooking, and playing the electric guitar. She has been married for 30 years (in August 2017) to Gregory Mundy, CEO of Rosemarie's Pralines, and has two grown children, Ariana and Miles (23 and 25). She has two lovely 14 year old rescue dogs from Puerto Rico, Luna and Diego, and a grand-dog named Basil.



Erik Herzog, PhD - Erik Herzog earned a BS in Biology and in Spanish from Duke University. He earned a PhD in Neuroscience from Syracuse University studying vision in horseshoe crabs with Dr. Robert Barlow. After doing postdoctoral research on circadian regulation of neuronal firing with Dr. Gene Block at the University of Virginia, he established his lab at Washington University. He is now a Professor of Biology and Neuroscience, Co-Director of the Neuroscience Graduate Program and Director of the BP-ENDURE: St. Louis Neuroscience Pipeline. His lab has recently started collaborations to study circadian regulation of parturition and risk factors for pre-term birth.



Dr. Maureen Keller-Wood graduated with an AB in Biochemistry from Vassar College, and a PhD in Endocrinology from the University of California, San Francisco. As a faculty at the University of Florida she has continued her interest in the role of the adrenal hormone cortisol in physiology, focusing on the role of maternal cortisol in normal maternal and fetal physiology, and on the adverse effects of elevated maternal cortisol on fetal cardiac maturation. She is currently Chair of the Department of Pharmacodynamics and serves as the Associate Dean for Research and Graduate Education for the College of Pharmacy at UF.



Emin Maltepe, MD, PhD. - Dr. Maltepe is Associate Professor of Pediatrics, Biomedical Sciences, and Developmental and Stem Cell Biology at UCSF. He received his AB, MD and PhD degrees from the University of Chicago and completed residency and fellowship training in Neonatal-Perinatal Medicine at UCSF. He is an attending physician in the Neonatal Intensive Care Unit (NICU) at Benioff Children's Hospital where he cares for critically ill newborn infants. He is also a pediatric physician-scientist leading an NIH-funded laboratory studying the role of oxygen tension and metabolism on stem cell biology and development, as well as developing novel oxygen-delivery therapeutics for critical care applications. He is co-Director of the Pediatric Translational Research Facility, as well as Director of Product Development for the Institute for Pediatric Drug and Device Development (IPD3), that utilizes large animal models of neonatal and pediatric disease processes to develop novel therapeutics and provide drug development support for pediatric indications.



Dr. Dinesh Shah, MD, after graduating and completing a postgraduate training in Obstetrics and Gynecology from the University of Bombay/T. National Medical School, migrated to the US in 1976-77. He completed a residency in Obstetrics and Gynecology and a fellowship in Maternal- Fetal Medicine to start his academic career at the Vanderbilt University Medical Center (1983) where, after dabbling in clinical research, he initiated bench and translational research, which he then continued to pursue at the University of Texas-SA. He served as the Director of MFM at University Hospitals of Cleveland, Case Western Reserve (1990-2002), at University of Kentucky (2002-04) and at University of Wisconsin (2004-15). He is currently a tenured professor at the University of Wisconsin School of Medicine and Public Health in Madison, WI.



Charles Wood, PhD - Dr. Wood received his A.B. from U.C. Berkeley in Biochemistry and his Ph.D. from U.C. San Francisco in Endocrinology. Dr. Wood's research focuses on fetal development with special emphasis on the fetal cardiovascular physiology and neuroendocrinology. He has enjoyed working as faculty at the University of Florida College of Medicine throughout his career, teaching medical, graduate, and undergraduate students. He is currently the Chair of the Department of Physiology and Functional Genomics.



Clyde Wright, MD – Dr. Wright is an Assistant Professor of Pediatrics in the Section of Neonatology at Children’s Hospital Colorado and the University of Colorado School of Medicine. He received his BA in History from Davidson College, and attended medical school at the Johns Hopkins School of Medicine. He completed pediatric residency and chief residency at the University of Wisconsin Hospital and Clinic. He began doing basic science research during his neonatology fellowship at the Children’s Hospital of Philadelphia and the University of Pennsylvania. Under the mentorship of Phyllis Dennery, MD and supported by the Pediatric Scientist Development Program, he began to study his primary clinical interest at the bench: the mechanisms underlying the relationship between oxygen exposure, inflammatory stress and the development of BPD. Since that time, he has focused his work on unique aspects of the neonatal innate immune response, and the signaling mechanism regulating these responses in an attempt to identify therapeutic targets aimed at preventing BPD. In addition to his work in lab, he serves on the Editorial Board of the Journal of Pediatrics and the Society for Evidence Based Neonatology.

2017 Meeting Sponsors

A meeting such as this takes considerable support just to run the meeting rooms, bring in speakers who are leaders in their fields, and provide an environment for the members to discuss all aspects of reproduction and its complications. We are most fortunate to have been partnered for many years with both public and private sponsors who are equally committed to the mission to advance a field that is so important to public health. Only this makes it possible to continue to fund both the meeting itself, and the additional attendance of a considerable number of Young Investigators and early Career Speakers at the meeting.

Recently in direct response to the pressures on Young Investigators seeking career independence, we have extended our teaching mission further with the creation of a pre-meeting that functions as a fully immersive two day Grants Writing Workshop. Again, this is only possible with the generous support of Public and Private sponsors.

The Perinatal Research Society would like to thank the following sponsors for their generous financial support of the 48th Annual Meeting and associated Pre-meeting. We further recognize these sponsors with the term “Presidential partner” to denote those sponsors who have made substantial contributions over many years.

PRS Main Meeting

- The Main Program of the 47th Annual meeting continues to be supported by our long standing Presidential Partners, **Abbott Nutrition, Mead Johnson Nutrition, March of Dimes and NICHD.**
- Early Career Investigators travel/attendance at the Main Meeting are sponsored by Presidential Partners **Abbott Nutrition and Mead Johnson Nutrition, as well as PSANZ.**
- Young Investigator attendance at the PRS Annual Meeting this year was generously supported by **Mead Johnson Nutrition.**

NIH-Abbott Nutrition Grant Writing Workshop

- The core program of the Grants Writing Workshop, including attendance costs of Faculty Trainers, has been generously funded by Presidential Partner **Abbott Nutrition** in partnership with R13 support by **NICHD.**
- Young Investigator attendance is also further supported by an additional R13 award from **NICHD**, together with support by **Abbott Nutrition.** Additional Early Career Speakers attendance is sponsored by Presidential Partners **Abbott Nutrition** and **Mead Johnson Nutrition.**

Sponsor Statements:

Presidential Partners (in order of contribution)

(*Platinum Sponsors support the activities of PRS at a level > \$10,000)

Abbott Nutrition (Presidential Partner, Platinum Sponsor*): This meeting was supported, in part, through a restricted educational grant from Abbott Nutrition, a division of Abbott Laboratories, Inc.



Mead Johnson Nutrition (Presidential Partner, Platinum Sponsor*): This meeting was also supported in part by a grant from Mead Johnson Nutrition



March of Dimes (Presidential Partner): This meeting was also supported in part by the March of Dimes Foundation Grant No. 4-FY17-906.

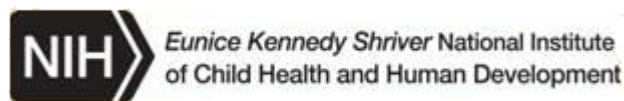


Additional Sponsors



Additional Grant Support

Grant Support: Funding for the Grants Writing Workshop was made possible in part by award R13-HD079163 from **NICHD**. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.



Join Us in 2018



***Hilton Denver Inverness
Englewood, CO
September 7 – 9, 2018***

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Join Us in 2019 for the 50th Annual Meeting



***Minneapolis Marriott Northwest
Brooklyn Park, MN
September 27 - 29, 2019***