

*46<sup>th</sup> Annual Meeting of the  
Perinatal Research Society*



*The Inverness Hotel and Conference  
Center*

*Englewood, CO*

*September 18 - 20, 2015*

## **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**

Your guest room price includes the use of the fitness center facilities and pools (indoor/outdoor) for the duration of your stay.

### **Meals**

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

### **Parking**

Vehicle parking is available through the Self-Parking and is complimentary. Valet is included in the sleeping room rate is available to day guests at a rate of \$12.00 per day.

### **Internet Connection**

Internet access is available throughout the property and guestrooms. Complimentary in guest rooms and public areas.

**2015 Perinatal Research Society**  
**46<sup>th</sup> Annual Meeting – Inverness Hotel and Conference Center**  
**Englewood, CO**

**Friday, September 18, 2015**

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3:00 pm - 5:00 pm	CHECK-IN and REGISTRATION	Hotel Lobby
5:00 pm	Welcome by PRS President Pam Kling MD	Auditorium 1
5:15 pm	MEAD JOHNSON NUTRITION LECTURER <b>Frances Northington, MD</b>	Auditorium 1
	Title: A MFM and Neonatal Neuroscience Collaborative: A Natural Pairing to Advance the Prevention and Treatment of Neurologic Problems in the Newborn	
	Moderator: Irina Burd, MD, PhD	
6:15 pm	Reception	Upper Mountain View Gardens
7:30 pm	DINNER - Introduction of Young Investigator Program Participants	Upper Mountain View Gardens

**Saturday, September 19, 2015**

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7:00 am - 8:00 am	BREAKFAST	Conference Restaurant
8:00 am	ABBOTT NUTRITION LECTURER <b>Benjamin Wilfond, MD</b>	Auditorium 1
	Title: Research on medical practices: Risk - consent and relationships	
	Moderator: Pamela Kling, MD	
9:00 am	MARCH OF DIMES NUTRITION LECTURER <b>Anthony P. Auger, PhD</b>	Auditorium 1
	Title: Epigenetic programming of the juvenile social brain: is biological sex a contributing factor for mental health risk?	
	Moderator: Timothy Regnault, PhD	
10:00 am	BREAK	Auditorium Foyer

10:30 am	<p>ABBOTT NUTRITION EARLY CAREER INVESTIGATOR <b>Nicole G. Barra, PhD</b></p> <p>Title: Nicotine use during pregnancy: Predisposing infants to metabolic diseases</p> <p>Moderator: Lisa Joss-Moore, PhD</p>	Auditorium 1
11:00 am	<p>ABBOTT NUTRITION EARLY CAREER INVESTIGATORS <b>Michelle L. Baack, MD</b></p> <p>Title: The short and long-term consequences of maternal diabetes and high-fat diet on the developing heart.</p> <p>Moderator: Lisa Joss-Moore, PhD</p>	Auditorium 1
11:30 am	<p>UNIVERSITY OF WISCONSIN/ MERITER MEMBER LECTURER <b>Rebecca Simmons, MD</b></p> <p>Title: Developmental Programming of Adult Disease</p> <p>Moderator: Laura Brown, MD</p>	Auditorium 1
12:30 pm	LUNCH	Conference Restaurant
2:30 pm	BUSINESS MEETING	Auditorium 1
4:00pm	<p>LILEY MEMBER LECTURER <b>John A. Widness, MD</b></p> <p>Title: Multi-Density Red Blood Cell Labeling with Biotin: A Pretty Cool – Safe -Versatile Method for Measuring Red Cell Volume &amp; Survival in Mammals</p> <p>Moderator: Pamela Kling, MD</p>	Auditorium 1

5:00pm	<p>PSANZ-PRS MONTLIGGINS EARLY CAREER INVESTIGATOR <b>Elisha Josev</b></p> <p>Title: Cerebellar-cortical connectivity in the extremely preterm brain and its contribution to working memory</p> <p>Moderator: Lisa Joss-Moore, PhD</p>	Auditorium 1
5:30pm	<p>MEAD JOHNSON NUTRITION EARLY CAREER INVESTIGATOR <b>David McCulley, PhD</b></p> <p>Title: A genetic model of congenital diaphragmatic hernia</p> <p>Moderator: Lisa Joss-Moore, PhD</p>	Auditorium 1
6:00pm	<p>MEAD JOHNSON NUTRITION EARLY CAREER INVESTIGATOR <b>Aleksandar Stanic, MD, PhD</b></p> <p>Title: The role of Innate Lymphoid Cells in normal and preeclamptic pregnancy</p> <p>Moderator: Lisa Joss-Moore, PhD</p>	Auditorium 1
6:30pm	Reception	Aspen Terrace
7:30 pm	Dinner	Aspen Terrace

**Sunday, September 20, 2015**

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7:00 am - 8:00 am	BREAKFAST	Conference Restaurant
8:00am	<p>OHIO STATE UNIVERSITY/ NATIONWIDE CHILDREN'S HOSPITAL MEMBER LECTURER <b>Jeff Reese, MD</b></p> <p>Title: Real-time <i>in vivo</i> detection of biochemical changes in the cervix during pregnancy using Raman spectroscopy: a novel tool for prediction of PTB</p> <p>Moderator: Laura Goetzl, MD, MPH</p>	Auditorium 1

9:00 am	<p>NIH/ NICHD LECTURER  <b>Murray Brilliant, MD</b></p> <p>Title: Precision Medicine Research and Implementation</p> <p>Moderator: Ian Bird, PhD</p>	Auditorium 1
10:00am	Break	Auditorium Foyer
10:15am	<p>JOHNS HOPKINS UNIVERSITY  MEMBER LECTURER  <b>Laura Brown, MD</b></p> <p>Title: Brain vs. Brawn: Insights into fetal skeletal muscle growth restriction</p> <p>Moderator: Paul Rozance, MD</p>	Auditorium 1
11:15am	PRESENTATION OF TRAINEE AWARD	Auditorium 1
11:30am	CLOSING REMARKS	Auditorium 1
11:45 am	MEETING CLOSE and ADJOURN	Auditorium 1

## **2015 Young Investigator and Early Career Speakers**

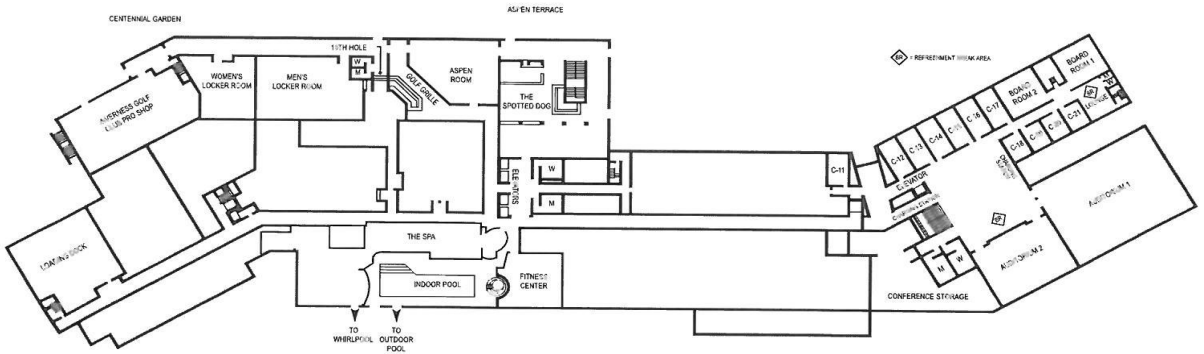
The Perinatal Research Society welcomes the following Young Investigators to the 46<sup>th</sup> Annual Meeting at the Inverness Hotel and Conference Center. Young Investigators attendance of the Grants Workshop is sponsored by **NIH** award R13-HD-079163 and by **Abbott Nutrition**. Young Investigators 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**

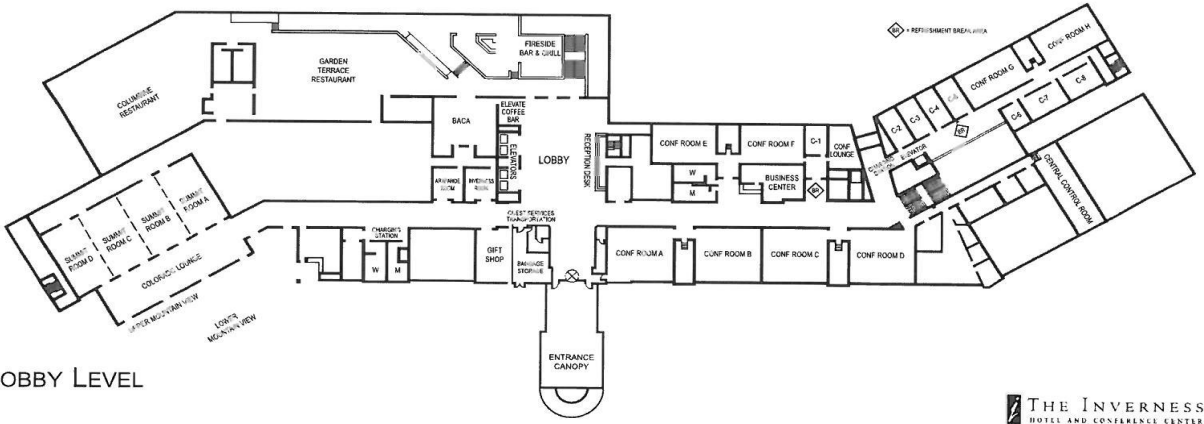
Michelle Baack, MD	University of South Dakota
Nicole Barra, PhD	University of Western Ontario
Aleksander Stanic-Kostic, MD/PhD	University of Wisconsin- Madison
David McCulley, PhD	University of Wisconsin- Madison
Elisha Josev	University of Melbourne

### **Young Investigators & Trainees**

Terrence Allen, MBBS	Duke University Hospital
Carl Backes, MD	Nationwide Children's Hospital
Peter Baker, MD	University of Colorado
Lisa Barroilhet, MD	University of Wisconsin
Erica Berggren, MD	Case Western Reserve - University/MetroHealth Medical Center
Christina Buniak, MD/MPH	Rutgers – Robert Wood Johnson School of Medicine
Robert Dietz, MD/PhD	University of Colorado
Anne Hall, MD	University of Minnesota
Abbie Johnson, PhD	University of Vermont
Ramon Lorca, PhD	Washington University
Erica Mandell, MD	University of Colorado
Tami Stuart, MD	University of Pennsylvania
Maria Talavera, DO	The Research Institute at Nationwide Children's Hospital
Amy Wagner, MD	Medical College of Wisconsin



GARDEN LEVEL



LOBBY LEVEL





## **The Young Investigator Presidential Cassady Award**

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*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</u>	<u>Meeting Location</u>
2012	Dr. James Wynn	Park City, Utah
2013	Dr. Trent Tipple	Chicago, Illinois
2014	Dr. R. Blair Dodson	Monterey, California
2014	Dr. Joann Romano-Keeler	Monterey, California

## Early Career Speakers



**Dr. Baack** finished her medical school training at the University of South Dakota then completed her Pediatric Residency through the Creighton - University of Nebraska Joint Pediatric Residency Program in Omaha. She practiced as a general pediatrician for 10 years in Pierre, SD before returning to a fellowship in Neonatal and Perinatal Medicine at the University of Iowa. She is currently a neonatologist in the Boekelheide Neonatal Intensive Care Unit at Sanford Children's Hospital and an Associate Scientist in the Children's Health Division of Sanford Research. Her primary research objective is to delineate the developmental consequences of maternal or neonatal lipid abnormalities and identify preventative strategies to decrease both short and long-term disease in high-risk populations. To meet this objective, she has both clinical and basic science research projects. Her clinical research in the NICU strives to improve the health and neurodevelopment of premature infants by discovering a safe and effective way to overcome an omega-3 fatty acid deficiency associated with prematurity. Basic science research in the Baack lab uses a rat model to investigate the role of dietary fat intake and dyslipidemia during a diabetic pregnancy on the developmental programming of disease in the developing fetus. This presentation focuses on cardiac consequences.



**Dr. Nicole Barra** completed her undergraduate degree with a specialization in Human biology from the Life Sciences program at the University of Toronto. There, Nicole developed a keen interest in pursuing biomedical research while completing a 4<sup>th</sup> year research project under the supervision of Dr. James Scholey in renal pathophysiology. After completion of her undergraduate degree, Nicole pursued a PhD under the supervision of Dr. Ali Ashkar in the Medical Sciences program at McMaster University. Her PhD project involved examining the role of immune factors in regulating adipose tissue. During her time at McMaster, Nicole was a recipient of the Ontario Graduate Scholarship. She is also a course professor with the Department of Nursing teaching pathophysiology to students in the Ontario Nurse Practitioner program. Currently, Nicole is a postdoctoral fellow under the mentorship of Dr. Daniel Hardy at the University of Western Ontario. Her postdoctoral work examines prenatal factors involved in promoting obesity related complications. She is the current recipient of a Whaley Fellowship and a Fellowship Award from the Molly Towell Perinatal Research Foundation (MTPRF).



**Elisha Josev** is in the completion stages of a PhD and Masters of Psychology (Clinical Neuropsychology) at the University of Melbourne and Murdoch Childrens Research Institute in Melbourne, Australia. She is using diffusion imaging techniques to study the relationship between white matter microstructural organisation and working memory deficits in children born extremely preterm, before and after a cognitive training intervention, with the overall aim of improving long-term academic outcomes for preterm children. Elisha has two Bachelors degrees in Science (Neuroscience) and Arts (First-class Honours in Psychology), and is registered with the Australian Health and Practitioners Regulation Agency. Elisha was recently awarded the New Investigator Award for best oral presentation of any discipline at the 19<sup>th</sup> PSANZ Annual Congress, and the Marit Korkman award for the most outstanding student contribution to paediatric neuropsychology at the 5th INS/ASSBI Pacific Rim Conference.



**David McCulley, PhD.** The goal of my research is to identify genetic mechanisms that direct pulmonary vascular development and study the reciprocal interactions that occur between the developing vascular system and cells that make up the alveoli of the lung. As a neonatologist I take care of many infants born prematurely or who have developmental anomalies that impair normal lung or pulmonary vascular development. Currently there are few targeted therapies that improve postnatal lung development and pulmonary vascular remodeling in these patients. During my fellowship training at the University of California, San Francisco I was mentored by Dr. Brian Black in the Cardiovascular Research Institute while I researched early mammalian cardiovascular development. During that time I gained

experience with the genetic tools available to study developing vascular networks in mammals. Currently, in collaboration with Dr. Xin Sun in the Department of Genetics at the University of Wisconsin, Madison I am investigating a genetic model of congenital diaphragmatic hernia (CDH). Infants born with CDH often have severe pulmonary hypertension that is responsible for the high mortality rate associated with the disease (20-40%). Despite this, the genetic cause of the malformation and the mechanisms that lead to abnormal development of the pulmonary vasculature are poorly understood. Using a combination of genetic tools, *in vivo* imaging, and histology I hope to improve our understanding of the genetic causes of CDH and demonstrate how gene mutations that affect diaphragm formation also result in abnormal pulmonary vascular development.



**Dr. Aleksandar Stanic** is an assistant professor in the University of Wisconsin-Madison Department of Obstetrics and Gynecology, divisions of Reproductive Sciences and Reproductive Endocrinology and Infertility. Dr. Stanic earned his MD and PhD (in Microbiology and Immunology) at Vanderbilt University in Nashville, TN, where he also pursued post-doctoral fellowships in Microbiology and Immunology and Neurology. During his graduate work he studied molecular controls of natural killer T (NKT) cell development and glycolipid antigen recognition. He went on to complete a residency in Obstetrics and Gynecology at Brigham and Women's and Massachusetts General Hospitals, served as faculty at Harvard Medical School and completed a fellowship in Reproductive Endocrinology

and Infertility at Massachusetts General Hospital. While in Boston, he studied immune cell contribution to establishment and maintenance of endometriosis and the role of Toll-like receptors (TLR) and innate immunity in preeclampsia. Since moving to UW-Madison last year, he has focused on establishing a research program focused on deciphering the role of Innate Lymphoid cells in placental architectural organization and their role in normal and preeclamptic pregnancies.

## Named Sponsorship Speakers



**Anthony Auger, PhD** is a professor at the University of Wisconsin-Madison studying how sex differences in brain development may underlie risk or resilience to juvenile social disorders. He received a PhD in Neuroscience and Behavior at the University of Massachusetts-Amherst specializing in behavioral neuroendocrinology. During that time, he conducted some studies on how steroid hormone receptors within the brain may be activated by non-gonadal hormone pathways to impact behavior. He then did his postdoctoral training at the University of Maryland-Baltimore within the Physiology Department and received further training in molecular techniques and developmental neuroendocrinology. There he worked on how additional factors are required for efficient action of steroid receptors within the developing brain. Dr. Auger's lab at Wisconsin now investigates how the epigenome is regulated within the developing brain by early-life experiences and how these differences impact sex differences in brain development and later juvenile social interactions. In short, he investigates how the epigenome may underlie sex differences in juvenile mental health risk or resilience.



**Dr. Murray H. Brilliant, PhD** is a Senior Research Scientist with 30 years of experience in genetic research with a specialty in albinism and complex trait genetics. He holds the James Weber Endowed Chair at the Marshfield Clinic, where he is the Director of the Center for Human Genetics and the Personalized Medicine Research Project (PMRP). PMRP consists of 20,000+ individuals with long-term (30 year average) nearly complete electronic health records combined with a biobank of DNA, plasma and serum samples. He is also the Director of the Translational Technologies and Research Core at the Marshfield Clinic of the CTSA-Funded University of Wisconsin-Madison Institute for Clinical and Translational Research. His role with the Institute is to administer and foster collaborative use of the PMRP and the Core Laboratory of the Marshfield Clinic. He is also the lead geneticist and Executive Director of the Wisconsin Genome Initiative, a collaboration in translational research, between the Marshfield Clinic, UW-Madison and the Medical College of Wisconsin. Dr. Brilliant participates in several large National and International Consortia that utilize the PMRP resource, including NEIGHBORHOOD (Glaucoma), AMD (Age-related Macular Degeneration) and eMERGE (Electronic Medical Records and Genomics). He is the Marshfield Clinic PI for an eMERGE2 grant that aims to combine genetic information into the electronic health record to support personalized medicine and improved patient care focusing on eye disorders, as well as a supplement to that grant that aims to genotype patients for variants associated with adverse drug events before they are prescribed these drugs. These studies operate within large consortia, utilize large data sets and make the data available to the consortia and to the research community through dbGAP and other databases.



**Dr. Laura D. Brown** is an Associate Professor of Pediatrics at the University of Colorado School of Medicine and a practicing neonatologist. She was first introduced to the field of fetal growth and metabolism during her neonatology fellowship at the University of Colorado. Since then, she has developed focused expertise in the area of fetal skeletal muscle growth and body composition of fetuses and neonates affected by intrauterine growth restriction (IUGR). Her research goal is to understand the basic biology of fetal muscle development and protein metabolism in order to optimize body composition and growth in the IUGR fetus and neonate. Ultimately, her long term goal is to preempt the complications of IUGR related to low muscle mass. She has extensive experience designing and interpreting physiological studies in the fetus, including experience with

GCMS/IRMS analysis to assess whole body and muscle-specific protein metabolism using stable isotopic techniques. She combines physiological studies with cellular and molecular analyses to comprehensively understand the mechanisms that link low fetal nutrient supply to persistent reductions in muscle growth. Her important contributions to the field thus far include fundamental knowledge about how the fetus adapts to variations in substrate and hormone availability by changing substrate oxidation patterns and protein accretion rates.

Dr. Brown has developed a unique area of academic scholarship which blends her basic science/translational research interests in fetal growth and metabolism with clinical nutritional management of the preterm and IUGR neonate. She is the author of 15 book chapters and journal articles on topics such as protein metabolism in the fetus and placenta, the pathophysiology of IUGR, enteral nutrition for the preterm and IUGR neonate, and concepts about how we might promote early growth and nutrition in the preterm infant to optimize neurodevelopmental outcome while minimizing long term metabolic disease risk. Dr. Brown has been invited to give over 25 national and regional presentations in the area of fetal and neonatal metabolism and growth.

She has been funded continuously since she assumed her faculty position in 2006 with support from the Children's Hospital Colorado Research Foundation, the University of Colorado Center for Women's Health Research, a K12 Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Scholar Award, the Gerber Foundation, and most recently, an R01 Research Project Award. She attended her first Perinatal Research Society meeting in 2005 supported by an NIH Young Investigator travel award and was elected as a member of the Society in 2008 within the Pediatric track. She is currently a PRS Council Member, elected in 2013.





**Dr. Francis J. Northington** is Professor of Pediatrics, Attending Neonatologist, and Director of the Neurosciences Intensive Care Nursery at Johns Hopkins University School of Medicine. Dr. Northington trained at the Medical College of Georgia, Arkansas Children's Hospital and the University of Virginia before joining the faculty at Johns Hopkins. Dr. Northington's career focuses on research and clinical care aimed at understanding and ameliorating the effects of brain injury in the newborn. She has 24 years of research experience and more than 75 publications primarily focused on neonatal HI brain injury. As a member of the neonatal brain injury research community, she has been an active participant in national and international research meetings focused on

mechanisms of neonatal HI brain injury and is routinely invited to speak on related topics nationally and internationally. She has a record of productive collaboration on basic and clinical investigation of neonatal hypoxic ischemic brain injury and within that framework has trained and mentored many young scientists. Since 2009, as Director of the Johns Hopkins NICN, she has led a highly enthusiastic and productive group of clinicians and scientists from more than 10 disciplines in a coordinated clinical, research, and educational effort to improve neurologic outcomes for newborns. The group has published 30 research papers, held 6 educational conferences, developed a state of the art educational program and has multiple ongoing clinical and basic science research projects.



**Jeff Reese, M.D.**, is Associate Professor in the Department of Pediatrics (Neonatology) and the Department of Cell and Developmental Biology. He received his Bachelor's degree (Mathematics) and M.D. from the University of Kansas. After completing his pediatric residency at Vanderbilt University, Dr. Reese moved to Melbourne Australia, where he served for two years as a neonatal registrar and senior NICU registrar at Monash Medical Centre. He then completed a three-year fellowship in neonatology at Yale. His research training in embryo development and genetic imprinting led to a faculty position at the University of Kansas Medical Center, where he studied embryo-uterine interactions during early pregnancy. He subsequently returned to Vanderbilt University, where he maintains a research laboratory with dual interests in

reproductive biology and fetal vascular development, with a particular focus on the ductus arteriosus. He developed one of the first mouse models of patent ductus arteriosus (PDA), and continues to use animal models to study reproduction and neonatal-perinatal disorders. His PDA studies have been supported by AHA and NIH grants, and he is the recent recipient of NIH support to study cervical remodeling. Dr. Reese has authored over 70 research articles, several book chapters, and invited reviews on management of PDA and mechanisms of ductus arteriosus function. He is the PI on an NIH T32-supported neonatology training grant at Vanderbilt, and serves as the director of lab-based research in The Vanderbilt Pre3 Initiative (Preventing adverse Pregnancy outcomes and Prematurity) and in the Division of Neonatology. He has been recognized as Outstanding Fellow and Outstanding Faculty Educator, and maintains active mentorship roles with undergraduates, graduates, and junior faculty researchers. He has been a PRS member since 2007 (council 2010-2012).



**Dr. Rebecca A. Simmons** is the Hallam Hurt Endowed Professor of Pediatrics at the University of Pennsylvania School of Medicine. She obtained her MD at the University of Arizona and completed her residency in Pediatrics at the Arizona Health Sciences Center at the University of Arizona. After a fellowship in neonatology at the Cardiovascular Research Institute at University of California San Francisco, she served on the faculty of Northwestern University Medical School in Chicago. Currently she is on faculty at the University of Pennsylvania and an attending Neonatologist at Children's Hospital Philadelphia and the Hospital of the University of Pennsylvania. The principal goal of her research program is to elucidate the underlying molecular mechanisms that link an aberrant intrauterine milieu to

the later development of obesity and type 2 diabetes in adulthood. In addition, she is Co-PI of the March of Dimes Translational Research Center in Preterm Birth at the University of Pennsylvania and Children's Hospital of Philadelphia. The goal of this large multi-investigator center is to determine the link between altered mitochondrial function and spontaneous preterm birth.



**Dr. John A. Widness** is Professor of Pediatrics at the University. Dr. Widness received his undergraduate degree from Amherst College (*cum laude*) and his M.D. from Duke University. His Pediatric residency began at Duke and was completed at Case Western Reserve University—with a year of Internal Medicine residency at the University of Pittsburgh in between. Dr. Widness did neonatology fellowship training at Brown University under the combined research mentorship of Drs. Robert Schwartz and William Oh, who together invited him to his first PRS meeting in 1977. The focus of his early work was on the relationship of maternal diabetes to fetal hypoxia and fetal erythropoiesis. Dr. Widness's interests evolved to encompass neonatal anemia with a major focus on erythropoiesis—including the pharmacokinetics and

pharmacodynamics of erythropoietin. More recently his interests have encompassed RBC survival and transfusion in newborn infants. Since fellowship, Dr. Widness has maintained continuous NIH support for his research and for the past 10 years has been the PI for an NHLBI PPG, "Neonatal Anemia and Thrombocytopenia: Pathophysiology and Treatment" (P01 HL046925). He has served as an *ad hoc* member of NIH study sections and as an Associate Editor for the *American Journal of Physiology* and for *Neonatology*. He has over 190 peer review publications. Dr. Widness includes among his greatest professional accomplishments and joys the privilege of fostering the scientific careers of PRS members, including Drs. Pam Kling, Mike Georgieff, and Akhil Maheshwari.



**Benjamin S. Wilfond, MD** is the director of the Treuman Katz Center for Pediatric Bioethics at Seattle Children's Research Institute and professor and chief of the Division of Bioethics in the Department of Pediatrics at the University of Washington School of Medicine. He is also adjunct professor in the UW Department of Bioethics and Humanities. Dr. Wilfond is the chief of the Bioethics Consultation Service and an attending physician in the Division of Pulmonary Medicine at Seattle Children's Hospital. He also coordinates the Research Bioethics Consult Service for the Institute of Translational Health Sciences. He attended New Jersey Medical School and completed his pediatric residency and his fellowship in pediatric pulmonology and medical ethics at the University of

Wisconsin. He has held faculty appointments at the University of Arizona, National Institutes of Health, and Johns Hopkins University. He is the former chair of the intramural NHGRI IRB and has 25 years of experience on IRBs and DMCs. His current scholarship focuses on ethical and policy issues related to the implementation of genetic testing for reproductive purposes and in pediatrics, the role of disabilities in clinical decision-making, the impact of research ethics consultation in clinical research, and the understanding of public attitudes about research on medical practices. He is the immediate past president of the Association of Bioethics Program Directors, the chair for Pediatrics Working Group for the NHGRI Clinical Sequencing Exploratory Research Consortium, and chair of the CTSA Clinical Research Ethics Consultation Collaborative. He is an elected member of the American Pediatric Society and a fellow of the Hastings Center. He has served on the American Academy of Pediatrics Committee on Bioethics, the American Society of Human Genetics Social Issues Committee, and the American Thoracic Society Bioethics Taskforce.



## 2015 Meeting Sponsors

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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 46<sup>th</sup> 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 46<sup>th</sup> Annual meeting continues to be supported by our long standing Presidential Partners, **Abbott Nutrition, Mead Johnson Nutrition, March of Dimes and NICHD.**
- Specific Named Speakers at the Main Program are also sponsored by Presidential Partners **Abbott Nutrition, Mead Johnson Nutrition, March of Dimes, NICHD**, as well as **OHSU Wexner Medical Center / Nationwide Children’s Hospital, University of Wisconsin / Meriter, Johns Hopkins, and PSANZ.**
- Early Career Investigators travel/attendance at the Main Meeting are sponsored by Presidential Partners **Abbott Nutrition and Mead Johnson Nutrition.**
- 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.



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**March of Dimes (Presidential Partner)**: This meeting was also supported in part by the March of Dimes Foundation.



## Additional Sponsors

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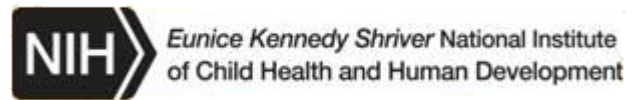


**PERINATAL SOCIETY OF  
AUSTRALIA AND NEW ZEALAND**



**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.



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*At the*  
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*September 23 -25, 2016*