

Neonatal-Perinatal Medicine Faculty Scholarship

This document contains all publications, invited talks, abstracts and presentations for Neonatal-Perinatal faculty for 2012 - 2014.
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Original Peer-Reviewed Journal Articles

2014

- Lal CV, Mir IN, Kelley E, Weprin BE, Sengupta AL, Booth TN, Brion LP. Hypomagnesemia Secondary to Cerebrospinal Fluid Losses in a Patient with Congenital Hydrocephalus. *J Perinatology*, in press
- Marin T, C. Josephson, M. Higgins, N Kosmetatos, Moore J. Feeding Preterm Infants During Red Blood Cell Administration is Associated with a Decline in Post-Transfusion Mesenteric Oxygenation *The Journal of Pediatrics*. *J. Pediatrics In Revision* Mar 2014
- Moore J.E., Peng H., Rogido M., Sola A. Hypothermia Increases Erythropoietin Receptor Expression in Isolated Cortical Neurons Leading to Neuroprotection. *Neuroscience* re-submitted.
- Moore J.E, Rourk S., Taylor E, and Nasr T. Near Infrared Spectroscopy: A new tool for the evaluation of NEC. *Journal of Perinatology In Revision*.
- Rollins N, Booth T, Morriss MC, Sanchez P, Heyne R, Chalak L. Predictive Value of Neonatal MRI Showing No or Minor Degrees of Brain Injury after Hypothermia. *PediatricNeurology* (2014), doi: 10.1016/j.pediatrneurol.2014.01.013.
- Wilder K.A., Kuehn S., and Moore J.E. Peripheral Intravenous and Central Line Algorithm; A Proactive Quality Initiative. *In Revision Adv. Neonatal Care*. Mar 2014

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- Cantey JB, Pritchard MA, Sanchez PJ. Bone Lesions in an Infant with Congenital Parvovirus B19 Infection. *Pediatrics*. Accepted 2/11/13.
- Cantey JB, Sreeramaju P, Jaleel M, et al. Prompt Control of an Outbreak Caused by Extended-Spectrum Beta Lactamase-Producing *Klebsiella pneumoniae* in a Neonatal Intensive Care Unit. *The Journal of Pediatrics*. Accepted 3/1/13
- Cantey JB, Baldrige C, Jamison R, Shanley LA. "Late and very late onset group B streptococcal sepsis: One and the same?" *World J Pediatr*, Accepted 4/9/13
- Chalak L, DuPont,, Sanchez, Heyne, Rollins N, MD2. Bayley-III Outcomes of a Neonatal Hypoxic-Ischemic Encephalopathy Cohort (*J Pediatrics*, submitted November /2013)
- Chalak LF, Sánchez PJ, Adams-Huet B, Laptook AR, Heyne RJ, Rosenfeld CR. Biomarkers for Severity of Neonatal Hypoxic-Ischemic Encephalopathy and Outcomes in Newborns Receiving Hypothermia Therapy. *J Pediatr*. 2013 Dec 12. pii: S0022-3476(13)01363-2. doi: 10.1016/j.jpeds.2013.10.067. [Epub ahead of print]Chalak L, Sanchez PJ, Laptook A, Jeromin A, Adams-Huet B, Rosenfeld CR. Serum Neuronal Biomarkers Predict the Severity of Hypoxic-Ischemic Encephalopathy and Outcomes in Newborns Undergoing Hypothermia. *J. Pediatr*, Epub Dec 12, 2013. PMID 24332821
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- Huang H, Shu N, Chalak L, T Jeon, Z J. Wang, N Rollins. Development of human structural brain networks from neonates to Adolescence. *Cerebral Cortex*; in press 2013

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Reviews

2014

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Letters

2012

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Chapters

2014

- McGraw Hill Specialty Board Review Series: Neonatology Review Ira Adams-Chapman, David P Carlton and James E Moore Projected Publishing date Oct 2014, Alyssa K. Fried Editor McGraw Hill
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2012

- Kapadia V, Wyckoff MH. Chest Compressions for Bradycardia or Asystole in Neonates. Clin Perinatol 2012; 39: 833-842.
- Wyckoff MH. Respiratory and cardiovascular support in the delivery room. In: Bancalari E, ed. *The Newborn Lung*. 2nd ed. Philadelphia, PA. Elsevier; 2012.

Workshops

2012

- Ennis, B. NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference, Temple, Texas Oct 5, 2012
- Jaleel, M. NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference, Temple, Texas Oct 5, 2012
- Stewart, A. NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference, Temple, Texas Oct 5, 2012
- Wyckoff, M. NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference, Temple, Texas Oct 5, 2012

Neonatal-Perinatal Medicine Faculty Scholarship

- Wyckoff, M. Be an Avatar-Hands-on Simulation. Neonatal Resuscitation Program Current Issues Seminar, 2012 NCE AAP, New Orleans, LA

Invited Talks

2014

- Chalak, L. "New approach to the neurovascular unit: Cerebrovascular autoregulation in HIE" Pediatric Department Grand Rounds Invited Speaker Baylor, Texas April 2014
- Mirpuri, J. SPR "Altered Th17 Response and Bacterial Colonization in Offspring of Mothers on a High Fat Diet" Vancouver, CAN 2014
- Moore J. 28th Annual Southeastern Association of Neonatologists Conference. Marco Island, FL 2013
- Moore J. Controversies in Neonatology. NeoPrep Board Review Course. San Diego, California 2014
- Moore J. "Problem-Based GI Review: Including GI Embryology, Congenital Anomalies, NEC Pathophysiology, Congenital/Acquired Liver Disease, and GI Meds" Specialty Review in Neonatology/Perinatology 2.0. Orlando, Florida, 2013
- Moore J. Special Interactive Session 1 "All About Nutrition" Specialty Review in Neonatology/Perinatology 2.0. . Orlando, Florida, 2013
- Sendelbach, D. "It's about TIME—Doctoring Course for Premedical Students", April 2014 AAMC SGEA April 2014
- Wyckoff, MH. Asphyxia and resuscitation. NeoPREP Conference. San Diego, CA. 2014
- Wyckoff, MH. Update on NRP. NeoPREP Conference. San Diego, CA. 2014

2013

- Brannon, T. "Strategies to Manage the Problem List for Epic Builders" Epic User Group Meeting, Verona, Wisconsin. Sept. 21, 2013.
- Chalak, L. NICHD Neonatal Research Network Steering Committee. "Proposal of a New HIE Study" Panel Speaker Silver Spring, Maryland April, 2013
- Chalak, L. NICHD Neonatal Research Network Steering Committee "HIE Studies" Panel Speaker Silver Spring, Maryland June, 2013
- Mirpuri, J. "Maternal high fat diet alters Th17 responses and bacterial colonization in newborn mice " Immunology Honolulu, HI 2013
- Mirpuri, J. Child Health Research Center Annual Retreat: "Proteobacteria-specific IgA regulates maturation of the intestinal microbiota" Denver, CO 2013
- Moore J. Long Term Benefits of Early Nutrition and Tailoring a Nutrition Plan for Your Patient's Needs. New York State Thruway Conference in Neonatology. Buffalo, NY 2013
- Moore J. Necrotizing Enterocolitis: New Approaches to Diagnosis and Treatment. Mid-South Seminar on the Care of the Complex Newborn. Memphis, TN 2013
- Moore J. Pathophysiology and Management of Necrotizing Enterocolitis. Mid-South Seminar on the Care of the Complex Newborn. Memphis, TN 2013
- Moore J. "Problem-Based GI Review: Including GI Embryology, Congenital Anomalies, NEC Pathophysiology, Congenital/Acquired Liver Disease, and GI Meds" Specialty Review in Neonatology/Perinatology 2.0. Orlando, Florida 2013
- Moore J. Special Interactive Session 1 "All About Nutrition" Specialty Review in Neonatology/Perinatology 2.0. Orlando, Florida 2013 Rosenfeld CR. 19th Don Eitzman Visiting Professor. Department of Pediatrics and Physiology, University of Florida School of Medicine. 2013
- Savani, RS. Invited Keynote Speaker, Programs of Excellence in Glycoscience and Pulmonary Summit, Cleveland Clinic. Cleveland, OH. June, 2013
- Savani, RS. Visiting Professor, University of Oklahoma Health Sciences Center. Oklahoma City, OK. June, 2013.
- Schneider JH. AAP Districts IV and IX Annual Meeting, "Health Information Technology and YOU! The Role of AAP Chapters in Supporting Member Practices" Redondo Beach, CA (June 2012)
- Schneider JH. Dallas Internists Club, "EMRs: Pros and Cons" Dallas, TX (November 2012)
- Schneider JH. Healthcare Coalition of Texas, "Selected Lessons Learned from Inpatient EMR Implementations" Frisco, TX (July 2012)
- Schneider JH, Hong Kong Hospital Authority Informatics Leadership, Plano, TX (October 2012) "Health Information Exchange in Texas"

Neonatal-Perinatal Medicine Faculty Scholarship

- Schneider JH, Jefferson Health Information Exchange Leadership Summit, "Clinical Integration for Health Care Quality Improvement" Medford, OR (November 2013)Shaul, P "Fc Receptors and the Genesis of the Metabolic Syndrome: IIB or not IIB". Center for Metabolic and Degenerative Disease, Institute of Molecular Medicine, University of Texas Medical School at Houston, Houston, TX, March, 2013
- Shaul, P. "Combating Metabolic and Cardiovascular Disease with SERMs". Estrogens, SERMs, and TSECs Scientific Meeting, Clearwater FL, May, 2013.
- Shaul, P. "New Insights into Non-nuclear Estrogen Receptor Modulation of Vascular and Metabolic Health." 8th International Rapid Responses to Steroid Hormones Meeting, Erie, PA, September, 2013.
- Stehel, EK. "The University of Texas Southwestern Medical Center and the Texas Breastfeeding Coalition" Dell Children's Medical Center of Central Texas, Austin, Texas, February 2013
- Stehel, EK. "Strengthening the Fabric of Breastfeeding Support: Weaving Breastfeeding-Friendly Policies and Practices into the Continuum of Maternal-Infant Care" Dell Children's Medical Center of Central Texas, Austin, Texas, February 2013
- Stehel, EK. "How to avoid unnecessary formula supplementation" Panel Discussion. Dell Children's Medical Center of Central Texas, Austin, Texas, February 2013
- Wyckoff, MH. "Evidence for use of oxygen during neonatal CPR. ILCOR." Sydney, Australia.
- Wyckoff, MH. "Delivery room and initial management of the periviable neonate." NICHD Periviable Birth: Obstetrical and Neonatal Considerations Workshop. 2013 SMFM, San Francisco, CA.
- Wyckoff, MH. NRP 2013 Simulation breakout session. Neonatal Resuscitation Program Current Issues Seminar, 2013 NCE AAP, Orlando, FL.
- Wyckoff, MH. Reflections on a silver anniversary-25 years of AAP/AHA collaboration on resuscitation science and education for neonatal resuscitation. Resuscitation Science Symposium. 2013 American Heart Association Scientific Sessions. Dallas, TX.
- Wyckoff, MH. "Synchronized versus asynchronous cardiac compressions during resuscitation of asphyxiated, asystolic neonatal pigs." 3rd Neonatal Resuscitation Research Workshop. Sponsored by the Monash University, Melbourne Australia. The Bolger Center, MD
- Wyckoff, MH. "Changes in the 2012 Neonatal Resuscitation Program recommendations." 27th Annual Conference of Southeastern Association of Neonatologists. Marco Island, FL.
- Wyckoff, MH. "Hot topics (unanswered questions) in neonatal resuscitation." 27th Annual Conference of Southeastern Association of Neonatologists. Marco Island, FL.

2012

- Brannon, T. "Strategies to Manage the Problem List for Epic Builders" Epic User Group Meeting, Verona, Wisconsin. Sept. 21, 2012.
- Brannon, T. "Introduction to Human-Centered Design for Epic Builders" Epic User Group Meeting, Verona, Wisconsin. Sept. 21, 2012.
- Engle, WD. Neonatal Jaundice: Recent Developments in Diagnosis, Monitoring and Treatment of Hyperbilirubinemia. SWAN (Scott & White Annual Neonatal) Conference, Temple, Texas Oct 6, 2012
- Mirupuri J. "Regulation of the Microbiota by IgA in preweaned mice." PAS, Boston MA, May 2012
- Moore J. "Controversies in Neonatology" NeoPrep Board Review. Orlando FL 2012
- Moore J. "Problem-Based GI Review: Including GI Embryology, Congenital Anomalies, NEC Pathophysiology, Congenital/Acquired Liver Disease, and GI Meds" Specialty Review in Neonatology/Perinatology 2.0. Orlando FL 2012
- Moore J. Special Interactive Session 1 "All About Nutrition" Specialty Review in Neonatology/Perinatology 2.0. Orlando FL 2012
- Moore J. Neonatal Surgical Emergencies. FANNP'S 23rd National Neonatal Nurse Practitioner Symposium. Clearwater, Florida, 2012
- Moore J. Necrotizing Enterocolitis: New Clinical Perspectives. FANNP'S 23rd National Neonatal Nurse Practitioner Symposium: Clearwater, Florida, 2012
- Sánchez PJ. "Advances in the Prevention and Treatment of Herpes Simplex Virus Infection in the Newborn." PAS, Boston, MA, 4/28/12
- Sánchez PJ. "Infección Neonatal Precoz: Cambios epidemiológicos," "Estrategias para Disminuir las Infecciones Nosocomiales," "Uso y Abuso de la Terapia antibiótica en UCI-Neonatal," "Infecciones Virales en el RN en UCI," Avances en Pediatría Neonatal, Concepción, Chile, May 9-12, 2012

Neonatal-Perinatal Medicine Faculty Scholarship

- Sánchez PJ. "Respiratory Viruses in the NICU: An Under-Recognized Burden," "Workshop: Management and Control of Respiratory Viral Infections in the NICU," Latin America Global Experts Meeting, Buenos Aires, Argentina, March 20-21, 2012
- Shaul, P. "Fc Receptors and the Impact of CRP on Vascular and Metabolic Health: IIB or not IIB". Department of Medicine, University of Alabama at Birmingham, Vascular Biology and Hypertension Seminar, Birmingham, AL, April, 2012.
- Shaul, P. "Fc Receptors and Vascular and Metabolic Health: IIB or not IIB". "UT Southwestern Obesity Alliance Seminar Series on Nutrition, Metabolism and Obesity, April, 2012.
- Shaul, P. "Basis and Consequences of Non-nuclear ER Function in the Cardiovascular System". FASEB Summer Research Conference: Integration of Genomic and Non-Genomic Steroid Receptor Actions, Snowmass, CO, July 29 – August 3, 2012.
- Shaul, P. "Fc Receptors and Metabolic Health: IIB or not IIB". Endocrinology Grand Rounds, Baylor University College of Medicine, Houston, TX, November, 2012.
- Stewart A. "'Abuse and Neglect Prevention for Children that are Deaf/HOH.'" Family Weekend Retreat- TX School for the Deaf- Austin, TX, June 9th, 2012
- Stewart A. "Optimization of the Stabilization of an Extremely Premature Infant" SWAN Conference-Scott&White Children's Hospital-Temple, TX, October 5th, 2012
- Wyckoff MH. Neonatal Resuscitation. Jan 27, 2012 NeoPREP Conference. New Orleans, LA.
- Wyckoff MH. Pump Work: The "C" in CPR: Evidence on Epinephrine and Chest Compressions. Neonatal Resuscitation Program Current Issues Seminar: Putting it All Together, Oct 19, 2012 NCE AAP, New Orleans, LA
- Wyckoff MH. Sure fire strategies for creating an engaging NRP course: Simulation tips from the experts. American Academy of Pediatrics Neonatal Resuscitation Program National Webinar. (Presented twice)

Abstracts and Presentations

2014

- Anderson J, Rosenfeld CR, Brown LS, Tau W. Fetal Well-being and Use of α -adrenergic Agonists in Treatment of Maternal Hypotension During Cesarean Delivery with Regional Anesthesia. Pediatric Academic Societies Annual Meeting, Vancouver, BC, May 3-6, 2014. (Poster presentation)
- Jeon T. Chalak L. Sivarajan M. Jackson G. Rollins N. Huang H. Regional changes in the cortical microstructure after 32 weeks of gestation: an MRI study. International Society for Magnetic Resonance Conference, May 2014 (poster)
- Lechuga TJ, Karim M, Jia J, Rosenfeld CR, Chen D. Estrogen Replacement Therapy Significantly Upregulates the Hydrogen Sulfide Biosynthesis System in the Uterine Artery of Ovariectomized Ewes. Annual Meeting Society for Gynecologic Investigation, Florence, Italy, March 26-29, 2014. (Poster presentation)
- Mir IN, Welch SJ, Brown LS, Kandru G, Lal CV, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy and Abnormal Neurodevelopmental Outcomes at 18-24 Months. Pediatric Academic Societies Annual Meeting, Vancouver, BC, May 3-6, 2014. (Poster presentation)
- Sendelbach, D. "Promoting Self-Directed Learning Via Resident Development of Unique Electives" PAS-poster presentation, May 3, 2012
- Stine CN, Koch J, Brown LS, Chalak LF, Kapadia VS, Wyckoff MH. Quantitative End-tidal CO₂ (ETCO₂) predicts return of spontaneous circulation (ROSC) during infant CPR. Pediatric Academic Societies Meeting. Vancouver, CA. 2014. Platform.

2013

- Arora A, Imran H, Wilson F, Polski J, Siddiqui A. T-cell Acute Lymphoblastic Leukemia Complicated by Hemorrhagic Stroke and Hemophagocytic Lymphohistiocytosis. Poster Presentation at SSPR, New Orleans, Feb 2013
- Arora A, Imran H, Siddiqui A. Spontaneous Recovery of Epstein-Barr Virus Associated Hemophagocytic Lymphohistiocytosis. Poster Presentation at SSPR, New Orleans- Feb 2013
- Cantey JB, Sánchez PJ, Wozniak P. Antibiotic Stewardship in the Neonatal Intensive Care Unit (NICU): Improvement Needed! Platform Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Chalak LF, Zhang R, Sanchez P, Laptook A. Cerebrovascular Dysfunction in Newborns with Hypoxic Ischemic Encephalopathy (HIE): Can "Non- Responders" be Identified During Therapeutic Hypothermia (TH)? Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Chalak LF, Morriss MC, Rollins NK. Can GFAP or Ubiquitin Serum Levels at Birth Predict Degree of Encephalopathy and Developmental Outcomes in Newborns Undergoing Hypothermia? Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)

Neonatal-Perinatal Medicine Faculty Scholarship

- Jackson GL, Saumur M, Chandwani V, Engle WD. Transcutaneous bilirubinometry (TcB) in the first 6 hours of life to predict subsequent hyperbilirubinemia during the birth hospitalization. Poster Presentation at the Pediatric Academic Societies Annual Meeting, 2013 (Washington DC).
- Kakkilaya V, Kapadia VS, Metoyer G, Allen J, Christie L, Barksdale M, Stewart J, Ridpath J, Jaleel M. Improving Oxygen Targeting in Neonatal Intensive Care Unit. Poster presentation at 2013 Annual Meeting and Quality Congress, Vermont Oxford Network.
- Kapadia VS, Chalak LF, Christie L, Savani RC, Wyckoff MH. Randomized controlled trial of limited versus traditional oxygen strategy during resuscitation in preterm newborns. Pediatric Academic Societies Meeting. Washington DC. 2013. Platform Presentation.
- Kapadia VS, Kakkilaya V, Lal CV, Savani RC, Wyckoff MH. Delivery room (DR) Resuscitation using 2011 Neonatal Resuscitation Program (NRP) Oxygen Guidelines is Associated with Reduced Bronchopulmonary Dysplasia (BPD) in Preterm Neonates. Platform Presentation to Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Lal CV, Awasthi N, Xu H, Schwarz AM, Savani RC, Schwarz Re, Schwarz MA. Endothelial Monocyte Activating Polypeptide II (EMAP II) Induces Bronchopulmonary Dysplasia (BPD)-Like Phenotype in Uninjured Mice, and Hyperoxia-induced BPD is Improved by an EMAP II Blocking Antibody. Platform Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Lal CV, Cantey JB, Varghese S, Scheid LM, Trevino S, Jaleel M, Sanchez PJ. Obtaining Blood Cultures (BC) in the Neonatal Intensive Care Unit (NICU): Central, Peripheral or Both? Poster Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Levan J, Brion LP, Wrage LA, on behalf of the NICHD NRN. Changes in therapy and outcomes associated with the SUPPORT Trial. Poster presentation at PAS, Washington DC, May 5, 2013
- Mayor R, Finch K, Davis K, Zehr J, Neinast M, Bills J, Savani RC, Clegg D. In Utero Exposure to Maternal High Fat Diet Increases Fetal Lung Inflammation Impairing Lung Development. Poster presentation at American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL, 10/25/13
- Motta CL, Wyckoff MH. Does NRP Need a New Rule for Appropriate Endotracheal Tube (ETT) Depth for Newborns < 1000g? Poster Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Motta CL, Scott W, Mahony L, Koch J, Wyckoff MH, Reisch J, Brion LP. Association of Congenital Heart Disease and Necrotizing Enterocolitis in Preterm Infants. Poster presentation at 82nd Perinatal & Developmental Medicine Symposium "The Microbiome in Perinatal Health and Disease," Aspen, Colorado, June 6-9, 2013
- Motta CL, Scott W, Mahony L, Koch J, Wyckoff MH, Reisch J, Brion LP. Association of Congenital Heart Disease and Necrotizing Enterocolitis in Preterm Infants. Poster presentation at American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL, 10/25/13
- Ramasamy P, Arora A, Custodio H, Estrada B. Invasive Penicillium Chrysogenum Infection in an immunocompetent child. Poster Presentation at SSPR New Orleans, Feb 2013
- Ramachandran S, Drummond S, Huang J, Dornas P, Guerra K, Suguihara C Young KC. C-kit Antagonism Decreases Lung Vascular and Alveolar Development. Platform presentation: South Eastern Conference on Perinatal Research, Key Largo. February 2013.
- Ramachandran S, Drummond S, Huang J, Dornas P, Guerra K, Suguihara C Young KC. C-kit Antagonism Decreases Lung Vascular and Alveolar Development. Platform presentation: Pediatric Academic Societies Meeting, 2013, Washington, DC.
- Ramachandran S, Drummond S, Huang J, Dornas P, Guerra K, Suguihara C Young KC. C-kit Antagonism Decreases Lung Vascular and Alveolar Development. Platform presentation: AAP Southcentral perinatal Conference, Austin, Tx 2013
- Rosenfeld CR, Liu X-t. Regulation of voltage-gated channel expression in ovine reproductive and nonreproductive arteries during pregnancy. Annual Meeting Society for Gynecologic Investigation, Orlando, FL, March 20-23, 2013. (Poster presentation)
- Stine CN, Wyckoff MH. Cardiopulmonary resuscitation (CPR) in the neonatal intensive care unit (NICU): Asystole versus severe bradycardia. American Academy of Pediatrics NCE. Orlando, FL. 2013. Poster Presentation.
- Stine C, Wyckoff MH. Success of the Neonatal Resuscitation Program Algorithm in the Neonatal Intensive Care Unit (NICU). Poster Presentation at Pediatric Academic Societies Annual Meeting, 2013 (Washington DC)
- Stumpf K, Burchfield J, and Sánchez P. Urinary Tract Infection among Preterm Infants in the Neonatal Intensive Care Unit. Oral presentation, AAP South Central Perinatal Conference, Austin, TX, November 2013.

Neonatal-Perinatal Medicine Faculty Scholarship

2012

- Bell EF, Hansen NI, Ehrenkranz RA, Brion LP, Kennedy KA, Walsh MC, Shankaran S, Acarregui MJ, Johnson KJ, Hale EC, Messina LA, Cunningham MM, Das A, Higgins RD. Eunice Kennedy Shriver NICHD Neonatal Research Network, Bethesda, MD. Tocopherol levels in very preterm infants after a single dose of vitamin E given soon after birth. Platform presentation at PAS, Boston, MA, 4/28/12
- Cantey JB, Trevino S, Siegel JD, Sreeramoju P, Jaleel M, Sanchez PJ. A Fatal Outbreak of Extended-Spectrum Beta Lactamase – Producing *Klebsiella pneumoniae* (ESBL-Kp) in a Neonatal Intensive Care Unit (NICU). Poster presentation at PAS, Boston, Massachusetts, 4/28/2012
- Cantey JB, Lopez-Medina E, Sanchez PJ, Doern C, Garcia C. Serious Bacterial Infection (SBI) in Early Infancy: Are We Over-Treating? Poster presentation at PAS, Boston, Massachusetts, 4/29/2012
- Cantey JB, Sanchez PJ. Antiquity to Ubiquity: The History of Neonatal Herpes Simplex Virus (HSV) Infection. Poster presentation at PAS, Boston, Massachusetts, 4/28/2012
- Chalak LF, Rollins N, DeSpain K, Vasil D, Christie L, Adams-Huet B. Systematic Monitoring after Rewarming and Hypothermia Therapy in Newborns with Hypoxic-Ischemic Encephalopathy (HIE): The SMaRT Pilot Study. Poster presentation at PAS, Boston, Massachusetts, 5/1/2012
- Chalak LF. Neurodevelopmental outcomes and brain MRI findings in infants treated with systemic hypothermia for hypoxic-ischemic encephalopathy (HIE). Poster presentation at the AAP Annual Meeting, Boston, MA, 2012.
- Chalak L, Rollins N. Predictive Value of Neonatal MRI for Neurodevelopmental Outcome at 24 Months Following HIE Treated with Hypothermia. Oral presentation RSNA (RADIOLOGICAL SOCIETY OF NORTH AMERICA) NOV 2012. CHICAGO.
- Cheong N, Liao J, Marinescu C, Jeyaraj J, Longoria C, Wu Q, Yuhanna IS, Cao G, DeLisser HM, Shaul PW, Savani RC. Hyaluronan and Its Receptor RHAMM Are Necessary and Sufficient for Akt and eNOS Phosphorylation To Activate Nitric Oxide Production. Platform presentation at PAS, Boston, MA, 4/30/12
- Dulaurier M, Cantey JB, Dietrich A, Mihalov J, Sanchez PJ, Ramilo O, Mejias A. Empiric Versus Targeted Acyclovir (ACV) Therapy for Neonatal Herpes Simplex Virus (HSV) Infection. Platform presentation at PAS, Boston, MA, 4/29/12
- Ennis B, DeSpain K, Rosenfeld CR. Arginine Vasopressin (AVP) is Gestational Age (GA) Dependent in the First Week of Life and Unrelated to Blood Pressure (BP) in Neonates 24-32wks Gestation. Poster presentation at PAS, Boston, Massachusetts, April 30, 2012
- Frankfurt J, Duncan A, Heyne R, Rosenfeld, CR. Growth Patterns in Preterm Very-Low-Birth-Weight (PT-VLBW) Infants at 1-3yrs Correlate with Elevated Serum Leptin. Pediatric Academic Societies and Asian Society for Pediatric Research (PAS/ASPR) in Boston, Massachusetts, April 28-May 1, 2012: Platform Presentation
- Frankfurt J, Duncan A, Heyne R, Rosenfeld, CR. Growth Patterns in Preterm Very-Low-Birth-Weight (PT-VLBW) Infants at 1-3yrs Correlate with Elevated Serum Leptin. CTSA-Consortium-Child Health Oversight Committee in Boston, Massachusetts, April 27, 2012: Platform Presentation
- Grover T, Brozanski B, Brion LP, Zaniletti I, McCarran WJ, Evans J, Murthy K, for the Children's Hospitals Neonatal Database (CHND) sCLD Focus Group. Analgesia and sedation utilization in preterm infants with severe chronic lung disease (sCLD): A report from the Children's Hospital Neonatal Database (CHND). Poster presentation at PAS, Boston, MA, 4/28/12
- Heyne ET, Heyne RJ. Spanish COPE Pilot. Poster presentation at PAS, Boston, MA, 5/1/12
- Jeyaraj J, Liao J, Cheong N, Savani RS. RHAMM Knockout Mice Have Delayed Alveolarization, Have Worse Phenotype in Hyperoxia, and Do Not Increase Alveolarization in Response to Exogenous VEGF. Platform presentation at PAS, Boston, MA, 4/29/2012
- LeVan JM, Wyckoff MH, Jaleel MA, Sanchez PJ, Ahn C, Burchfield J, Christie L, Brion LP. Impact of initiating the NICHD Neonatal Research Network SUPPORT Trial on management and outcomes of gestational-age matched non-participants. Platform presentation at PAS, Boston, MA 4/28/2012
- Liao J, McCurnin DC, Cheong N, Savani RC. The NALP3 Inflammasome Is Activated in a Non-Human Primate Model of BPD. Poster presentation at PAS, Boston, MA, 4/30/12
- Liu, Huang, Rollins, Chalak L, Hanzhang Lu. Quantitative assessment of cerebral metabolism rate in neonates. International Society for Magnetic Resonance in Medicine (ISMRM), 2012.
- Lopez-Medina L, Cantey JB, Ardura MI, Sanchez PJ. Mortality in Neonatal Herpes Virus (HSV) Infection: Frustration Persists! Poster presentation at PAS, Boston, MA 4/28/2012
- Mikhael M, Brown LS, Rosenfeld CR. Do 1979 neutrophil reference ranges accurately diagnose the presence or absence of early onset sepsis? Poster Presentation at AAP National Conference and Exhibition Meeting, New Orleans, LA, 2012

Neonatal-Perinatal Medicine Faculty Scholarship

- Mirpuri J, Carolyn R. Sturge, Alicia Benson, Lora V. Hooper, Felix Yarovinsky. Regulation of the Microbiota by IgA in Preweaned Mice. Poster presentation at PAS, Boston, MA 4/28/2012
- Persad E, Lal CV, Xu H, Jennings M, Savani RC, Schwarz M. Endothelial-Monocyte Activating Polypeptide II (EMAP II) is produced by epithelial cells and macrophages in Bronchopulmonary Dysplasia (BPD). Poster presentation at American Thoracic Society Conference- May 2012
- Pinninti SG, Shimamura M, Novak Z, Ross SA, Palmer AL, Ahmed A, Tolan RW, Bernstein DI, Michaels MG, Sanchez PJ, Fowler KB, Boppana SB. Newborn CMV Screening: Saliva PCR Identifies More Infants with Congenital CMV Infection Than Rapid Culture. Platform presentation at PAS, Boston, MA 4/29/2012
- Ronchi A, Sheffield JS, Wendel GD, Ansari Q, Barton T, Mallory M, Sanchez PJ. Impact of a New Texas State Law of Maternal Screening for Human Immunodeficiency Virus (HIV) Infection: How Are We Doing? Poster presentation at PAS, Boston, MA, 4/28/2012
- Rosenfeld CR, DeSpain K, Baum M. Modified Carotid Artery (CA) Function at 1yr in Male Offspring of Protein Deprived (PD) Pregnant Rats. Poster presentation at PAS, Boston, MA, 4/30/12
- Rosenfeld CR, Roy T. Differential Uterine and Systemic Sensitivity to BKCa and KV Channel Inhibition After Estradiol-17 β -Induced Uterine Vasodilation in Nonpregnant Ewes. Society for Gynecologic Investigation, 2012 Annual Meeting. San Diego, CA, March 21-23, 2012. (Poster presentation)
- Stumpf K, Sánchez P: The Conundrum of Urinary Tract Infections (UTI) among Preterm Infants in the Neonatal Intensive Care Unit (NICU). Poster presentation at PAS, Boston, MA, 4/28/2012
- Stumpf KA, Burchfield J, Sanchez PJ. Urinary Tract Infection (UTI) among Preterm Infants. Perinatal Developmental Medicine Symposium, AAP, Section on Perinatal Pediatrics (SoPPE), Aspen, Colorado, 6/7/2012
- Wiltrakis SM, Cloud GA, Whitley RJ, Sanchez PJ, Ampofo K, Lang D, Ashouri N, Vanchiere JA, Abzug MJ, Abughali N, Caserta MT, Englund JA, Sood SK, Spigarelli MG, Bradley JS, Lew J, Michaels MJ, Jester PM, Kimberlin DW. Predictors of Influenza Disease Severity and Resolution in Infants: Results of a National Collaborative Trial. Poster presentation at PAS, Boston, MA, 4/28/2012
- Wojciechowski H, Liu X-t, Ford SP, Rosenfeld CR. Early Pregnancy Maternal Nutrient Restriction (NR) Does Not Alter Uterine Artery (UA) Expression of Large Conductance Ca²⁺-Dependent K⁺ Channels (BKCa). Society for Gynecologic Investigation, 2012 Annual Meeting. San Diego, CA, March 21-23, 2012. (Poster presentation)