University of Texas Southwestern Medical Center (UTSW)
Fellowship in Neonatal-Perinatal Medicine
Recent Fellows

Valerie Blanco, M.D. (2014-2017)

Education:

Medical:
2007-2011 University of Texas Southwestern Medical Center at Dallas Southwestern Medical School, Dallas, TX

Post Graduate:
2011-2014 Mount Sinai School of Medicine, New York, NY
Residency, Pediatrics

Research:

Title: Effects of VLBW, Prematurity and Postnatal Growth on Blood Pressure During Preadolescence
Mentor: Charles R. Rosenfeld, M.D.

Honors/Awards:

2002-2006	Washington University in St. Louis Dean's List
2006	Graduated Cum Laude from Washington University in St. Louis
2007-2011	UT Southwestern Alumni Scholarship
2008	National Institute of Diabetes and Digestive and Kidney Diseases Research Grant
2010	International Service Learning Stipend

Grants:

2008	National Institute of Diabetes and Digestive and Kidney Diseases Research Grant

Publications:

Peer Reviewed Journal Articles/Abstracts

Coplen DE, Austin PF, Yan Y, **Blanco VM**, Dicke JM. The magnitude of fetal renal pelvic dilatation can identify obstructive postnatal hydronephrosis, and direct postnatal evaluation and management. J Urol. 2006 Aug; 176(2): 724-727. PMID: 16813930.

Dicke JM, **Blanco VM**, Yan Y, Coplen DE. The type and frequency of fetal renal disorders and management of renal pelvis dilatation. J Ultrasound Med. 2006 Aug; 25(8): 973-977. PMID: 16870890.

Blanco VM, Blalock SE, Ramaciotti C, Lemler MS, Heistein LC, Moore JK, Ikemba CM. Oxygen supplementation ishelpful for the echocardiographic detection of anomalous left coronary artery from the pulmonary artery. J Am SocEchocardiogr. 2010 Oct; 23(10): 1099-1102. PMID: 20727710.

Weintraub AS, **Blanco V**, Barnes M, Green RS. Impact of renal function and protein intake on blood urea nitrogen in preterm infants in the first 3 weeks of life. J Perinatol. 2014 Jul 31. PMID: 25078864

Weintraub AS, Carey A, Connors J, **Blanco V**, Green RS. Relationship of maternal creatinine to first neonatal creatinine in infants <30 weeks gestation. J Perinatol. 2015 Jun;35(6):401-4. doi: 10.1038/jp.2014.232. PMID: 25590221

Weintraub AS, Connors J, Carey A, **Blanco V**, Green RS (2015). The spectrum of onset of acute kidney injury in premature infants less than 30 weeks gestation. *J Perinatol* (in press).

Blanco, V, Renfro, S, Martinez A, Metoyer G, Brown C, Wharton. Kakkilaya V. "Decreasing Nasal Breakdown in Infants Receiving Nasal Continuous Positive Airway Pressure (nCPAP). (pending).

Oral Presentations:

Blanco V, Barnes A, Eapen R, Heistein L, Lemler M, Ramaciotti C, Ikemba C. *Does a prenatal diagnosis of congenital heart disease affect parental attachment and anxiety?*. Poster presented at: 46th Medical Student Research Forum; Dallas, TX. January 2008

Blanco V, Ramaciotti C, Lemler M, Eapen R, Heistein H, Barnes A, Ikemba C. *Oxygen supplementation in echocardiographic detection of anomalous left coronary artery from the pulmonary artery*. Poster presented at: 47th Medical Student Research Forum; Dallas, TX. January 2009

Blanco V. "Whom Ought We Deem to Be Dead?" The Never-Ending Dilemma About When to Diagnose Death. Poster Symposium presentation at Pediatric Academic Societies Annual Meeting, Baltimore Maryland, May 3, 2016

Ihab Jubran, M.S.D. (2014-2017)

Education:

Medical:
1994-2002 University of Damascus, Syrian Arab Republic

Post Graduate:
2003-2006 University of South Alabama, Mobile, AL
Residency, Pediatrics

Research:
Title: Determination of RHAMM (Receptor for HA-Mediated Motility, CD 168) expression in cells obtained from the tracheal aspirates of premature infants 24-34 weeks gestation as a biomarker for the development of adverse outcome (death or BPD at 36 weeks PMA).
Mentor: Rashmin C. Savani, M.B.Ch.B.

Honors/Awards:

2007	Best New Attending Award
2008 & 2012	The Best Attending Award
2008, 2009, 2010 & 2012	Best Teacher Award
2009, 2010, 2011 & 2012	Best Resident Advocate Award
2010, 2011 & 2012	Red Sash –Graduating Class Ceremony
2011	The Gold Humanism Honor Society
2011 & 2012	Most Dedicated Attending Award

Presentations and abstracts

Jubran I, Cauley T. *An Unusual Presentation of Cholecystitis*. Poster presented at: Southern Pediatric Regional Meeting.; New Orleans, LA. January 2009

Seston TD, **Jubran I**. *The Role of Hyperbaric Oxygen Therapy in Resistent Osteomylitis*. Poster presented at: Southern Regional Pediatric Meeting; New Orleans, LA. February 2013

Subedi L, **Jubran I**. *An Unsual Presentation of HSP*. Poster presented at: Southern Pediatric Society Meeting; New Orleans, LA. February 2013

Dharmendra Kumar, M.B., B.S. (2014-2017)

Education:

Medical:
2000-2006 Grant Medical College, India

Post Graduate:
2011-2014 SUNY Downstate Medical Center, New York, NY
Residency, Pediatrics

Research:
Title: Effect of Prolonged Versus Short Course Antibiotics on the Gut Microbiota and Susceptibility to NEC in Neonatal Mice
Mentor: Julie Mirpuri, M.D.

Publications

Peer Reviewed Journal Articles

D'Souza A, Cai CL, **Kumar D**, Cai F, Fordjour L, Ahmad A,. Cytokines and Toll-like receptor signaling pathways in the terminal ileum of hypoxic/hyperoxic neonatal rats: benefits of probiotics supplementation. American Journal of Translational Research. 4(2): 187-97. Cited in PubMed; PMID: 22611471. April 2012.

D'Souza A, Fordjour L, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. Effects of probiotics, prebiotics, and synbiotics on messenger RNA expression of caveolin-1, nitric oxide synthase, and genes regulating oxidative stress in the terminal ileum of formula-fed neonatal rats.. Pediatric research; 67(5): 526-31. Cited in PubMed; PMID: 20101198. May 2010.

Fordjour L, D'Souza A, Cai C, Ahmad A, Valencia G, **Kumar D**, Aranda JV, Beharry KD. Comparative effects of probiotics, prebiotics and synbiotics on growth factors in the large bowel in a rat model of formula induced bowel inflammation. Journal of Pediatric Gastroenterology & Nutrition. 51(4): 507-13. Cited in PubMed; PMID: 20683203. October 2010.

Keenaghan M, Cai CL, **Kumar D**, Valencia GB, Rao M, Aranda JV, Beharry KD. Response of vascular endothelial growth factor and angiogenesis-related genes to stepwise increases in inspired oxygen in the neonatal rat lungs. PEDIATRIC RESEARCH; Pub Status: In-Press. January 2013.

Poster Presentations

Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. *Effect of Caffeine on Lung Angiogenesis in Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting, Publication 3826.211; Denver, CO. May 2011.

Ahmad A, Cai C, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. *Prolonged Maternal Separation Exaggerates Pulmonary Vascular Endothelial Growth Factor Response to Hyperoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

Ahmad A, Cai C, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. *Effects of Early Versus Late Antenatal Betamethasone on Pulmonary Vascular Endothelial Growth Factor Levels in Normoxicand Hyperoxic Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

Cai C, Ahmad A, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. *Probiotics, Prebiotics and Synbiotics on Natriuretic Peptides in Formula-Fed Neonatal Rats Exposed to Hyperoxia with Brief Hypoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

Cai C, Ahmad A, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. *Cardiac Natriuretic Peptides and Angiogenesis Gene Profile in Neonatal Rats Treated With Early Postnatal Furosemide and/or NSAIDs*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

Cai C, Ahmad A, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. *Impact of Antenatal Betamethasone on Corticosterone, 8-isoprostane, and Natriuretic Peptides in the Newborn and Suckling Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

Chorny N, Sharma J, Tawadrous H, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. *Ontogeny of Arachidonic Acid Metabolites and Gene Expression of Cytochrome P450 Enzymes in Kidneys of Suckling and Weanling Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. April 2010.

Chorny N, Sharma J, Tawadrous H, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. *Influence of Indomethacin, Ibuprofen, and/or Furosemide on Aquaporin Gene Family inKidneys of Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada. May 2010.

D'Souza A, Fordjour L, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. (2010, May). *Probiotics Supplementation Reduces Inflammation and Oxidative Stress in Formula-Fed Neonatal Rats Exposed toHyperoxia with Hypoxia Cycling*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

D'Souza A, Fordjour L, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. (2010, May). *Effects of Hyperoxia with Brief Hypoxia on Nitric Oxide Signaling, Caveolin-1, and Oxidative Stress in the Terminal Ileum of Formula-Fed Neonatal Rats Supplemented with Probiotics, Prebiotics and Synbiotics*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

D'Souza A, Cai CL, **Kumar D**, Bronshtein M, Bronshtein V, Valencia G, Aranda JV, Beharry KD. (2011, May). *Dose-Dependent Protective Effect of Caffeine on Vasoactive Mediators in Neonatal Rat Gut exposed to hypoxiahyperoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting, Publication 3826.293.; Denver, CO. 32.

D'Souza A, Cai CL, **Kumar D**, Keenaghan M, Valencia G, Aranda JV, Beharry KD.. (2011, May). *Effect of incremental oxygen exposure on Vasoactive Mediators in Neonatal Rat Gut*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting, Publication 3826.294.; Denver, CO.

Fordjour L, Cai CL, **Kumar D**, Valencia GB, Aranda JV, Beharry KD. (2010, May). *PGE2, eNOS and Genes Regulating Onset, Development, and Progression of Diabetes in the Large Bowels of the Fetus and Pre-Adolescent Offspring of Diabetic Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting, Publication 3809.55; Denver, CO.

Fordjour L, Cai CL, **Kumar D**, Valencia GB, Aranda JV, Beharry KD. (2011, May). *Regulators of Angiogenesis in the Large Bowels of the Fetus and Pre-Adolescent Offspring of Diabetic Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Denver, CO.

Fordjour L, D'Souza A, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. (2010, May). *Growth Factors in the Large Bowel of Formula-Fed Neonatal Rats Exposed to Hyperoxia with Hypoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Fordjour L, Ahmad A, Cai C, **Kumar D**, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Antenatal Betamethasone Stimulates Growth Hormone Binding Protein in the Large Intestines of Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Fordjour L, D'Souza A, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. (2010, May). *Hepatic Growth Hormone/Insulin-Like Growth Factor Axis in Formula-Fed Hyperoxic-Hypoxic Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Fordjour L, D'Souza A, Ahmad A, Cai C, **Kumar D**, Valencia G, Aranda JV, Beharry KD. (2010, May). *Administration of Indomethacin and Furosemide Influences Growth Factors in the Large Bowels of Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Ibrahim ZH, Cai C, **Kumar D**, Bronshtein V, D'Souza A, Bronshtein M, Valencia G, Aranda JV, Beharry KD. (2011, May). Antenatal Betamethasone Effects on Angiogenesis Regulators in Lungs from Fetal and Neonatal Rats. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting, Publication 3826.218; Denver, CO

Kumar D, Ahmad A, Cai C, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Early Versus Late Antenatal Betamethasone Effects on Postnatal Weight and Hepatic Growth Hormone, Growth Hormone Binding Protein and Drug Metabolizing Enzymes in Normoxic and Hyperoxic Neonatal Rats.* Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting,; Vancouver, Canada.

Kumar D, Ahmad A, Cai C, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Effects of Probiotics, Prebiotics and Synbiotics on Growth Hormone, Insulin-Like Growth Factor, and Drug Metabolizing Enzymes in the Liver of Neonatal Rats Exposed to Hyperoxia with Brief Hypoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Sharma J, Tawadrous H, Chorny N, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Renal Eicosanoid Synthesis in Formula-Fed Rats Exposed to Hyperoxia with Brief Hypoxia*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Sharma J, Tawadrous H, Chorny N, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Early vs. Late Antenatal Betamethasone Effects on Renal Eicosanoids in the Newborn and Suckling Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada

Tanya P, Ahmad A, Cai C, **Kumar D**, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Comparative Effects of Early Versus Late Antenatal Betamethasone on Lung Matrix Metalloproteinases in Normoxic and Hypoxic Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for PediatricResearch meeting; Vancouver, Canada.

Tawadrous H, Sharma J, Chorny N, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Single Versus Multiple Doses of Early Postnatal Indomethacin with Furosemide Treatment on Renal Eicosanoids and Drug Metabolizing Enzymes in Neonatal Rats*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Tawadrous H, Sharma J, Chorny N, Cai C, **Kumar D**, Schoeneman M, Mongia A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Ontogeny of Aquaporin Genes in Newborn, Suckling and Weanling Rat Kidneys*. Poster presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Kumar D. *Empiric antibiotic exposure in neonatal mice results in translocation of Proteobacteria across the intestinal barrier, increased expression of antimicrobial proteins and an increase in Paneth cells in the lamina propria*. Poster Presentation at Pediatric Academic Society, San Francisco, CA; May 8, 2017

Oral Presentations

Aranda JV, Cai C, **Kumar D**, Ahmad A, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Biphasic Effects of Low and High Doses of Caffeine Citrate on Systemic and Ocular VEGF, sVEGFR-1, IGF-I in a Rat Model of Oxygen-Induced Retinopathy (OIR)*. Oral Presentation presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Aranda JV, Cai C, **Kumar D**, Ahmad A, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Gender Dependent Effects of Caffeinated Sonic Hedge-Hog in a Rat Model for Oxygen-Induced Retinopathy*. Oral Presentation presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Aranda JV, Cai C, **Kumar D**, Ahmad A, Fordjour L, D'Souza A, Valencia G, Aranda JV, Beharry KD. (2010, May). *Effect of Caffeine on Ocular Matrix Metalloproteinases in a Rat Model for Oxygen-Induced Retinopathy*. Oral Presentation presented at: Annual American Pediatric Society-Society for Pediatric Research meeting; Vancouver, Canada.

Aranda JV, Cai C, **Kumar D**, Ahmad A, Fordjour L, D'Souza A, Valencia G, Beharry KD. (2011, May). *Low and High Dose Caffeine Citrate on Ocular Angiogenic gene expression during vaso-obliterative phase in a Rat Model of Oxygen- Induced Retinopathy (OIR)*. Oral Presentation presented at: Annual American Pediatric Society-Society for PediatricResearch meeting, Publication 4755.2.; Denver, CO.

Lahage N, Cai C, **Kumar D**, Bronshtein V, Bronshtein M, D'Souza A, Ibrahim Z, Valencia G, Aranda JV, Beharry KD. (2011, May). *Hydrocortisone Effects on Retinal Angiogenesis in a Rat Model of Oxygen-Induced Retinopathy (OIR*. Oral Presentation presented at: Annual American Pediatric Society-Society for Pediatric Researchmeeting, Publication 4755.6.; Denver, CO.

Lisa Scheid, M.D. (2014-2017)

Education:

Medical:
2007-2011 University of Texas Medical School at Houston, Houston, TX

Post Graduate:
2011-2014 University of Texas Southwestern, Dallas, TX
Residency, Pediatrics

Research:
Title: Early-onset neonatal hypoglycemia
Mentors: Charles Rosenfeld, M.D.; Luc P. Brion, M.D.

Honors/Awards:

2003-2007	Gamma Beta Phi National Honor Society, University of Texas at Austin
2003-2007	Gamma Sigma Alpha Greek Honor Society, University of Texas at Austin
2003-2007	Alpha Phi Sigma, Premedical Honor Society, University of Texas at Austin
2003-2007	Dean's List (All 4 years), University of Texas at Austin
2011-2013	Above and Beyond Award (3 times), Pediatric Residency Program, CMC, Dallas, TX
2012	Team Championship for Residency Jeopardy, Texas Pediatric Society Annual Conference, Dallas, TX

Publications

Scheid LM, Joseph C, Sutton L, Baum M. A 17-year-old male with nephritic syndrome and adenopathy: Questions & Answers. Pediatric Nephrology 2012 Oct;27(10):1889-90, 1891-3.

Oral Presentation

Scheid, LM. *Nephrotic Syndrome due to Secondary Syphilis.* Oral Presentation presented at: Case Conference, Children's Medical Center, Dallas, TX.

Scheid LM, Chin M. (2009, August). Arachnoid cyst causing aqueductal stenosis. Oral Presentation presented at: Pediatric Nephrology Grand Rounds - University of Texas Medical School at Houston; Dallas, TX. October 2012

Scheid, LM. *Are Data Extracted from the Electronic Medical Record Valid for Research Purposes?* Oral Presentation presented at Southern Regional Meeting- Intercontinental New Orleans in New Orleans, Louisiana; February 13, 2017.

Scheid, LM. *Are Data Extracted from the Electronic Medical Record Valid for Research Purposes?* Oral Presentation presented at Pediatric Academic Society, San Francisco, CA; May 7, 2017

Lindsay Baker DeVries, M.D. (2013-2016)

Education:

Medical:
2006-2010 Wayne State University School of Medicine, Detroit, MI, M.D.

Post Graduate:
2010-2013 Children's Hospital of Michigan Detroit, MI, Residency, General Pediatrics

Research:
Title: Relationship between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery
Mentor: Luc P. Brion, M.D.

Honors/Awards:

2006	Merit Recognition, Michigan State University Undergraduate Research and Arts Forum, research presentation
2008	Induction into the Wayne State University SOM Aesculapians' Service Honor Society
2008	Induction into the Wayne State University SOM Gold Humanism Honor Society
2010	Distinguished Service Award, awarded by the Student Senate in recognition of academic accomplishment and active participation in programs which contribute to the betterment of the school
2013	Children's Hospital of Michigan Continuity Clinic Resident of the Year

Abstracts and Presentations:

Baker, L., Friderici, K. Haplotype Analysis of the Gamma-Actin 3-Prime Untranslated Region. Oral Presentation at: Michigan State University Undergraduate Research and Arts Forum; East Lansing, MI. March, 2006.

DeVries L, Kalra V, Prentice J, Natarajan G, Chawla S. Barriers to Breastfeeding in an Urban Inner-City Population. Platform resentation presented at: Eastern Society for Pediatric Research Annual Meeting; Philadelphia, PA. March 2013.

DeVries L, Kalra V, Prentice J, Natarajan G, Chawla S. Barriers to Breastfeeding in an Urban Inner-City Population. Oral presentation at: Children's Hospital of Michigan Sheldon Brenner Resident Research Competition; Detroit, MI. May 2013.

DeVries L, Kakkilaya V. Oxygen Targeting for Preterm Infants. Oral presentation at: Levine Children's Hospital Quality Improvement Coaching Conference (LCH QUICC); Charlotte, NC. September 2014.

DeVries LB, Jaleel MA, Kapadia V, Heyne R, Brion LP. Relationship between pulmonary hypertension and outcomes among infants with bronchopulmonary dysplasia who undergo surgery. Poster presentation at Section on Perinatal Pediatrics. 86th Perinatal & Developmental Medicine Symposium "Perinatal Genomics" Aspen, Colorado**,** June 4-7, 2015

DeVries LB, Jaleel MA, Kapadia V, Heyne R, Brion LP. Relationship between pulmonary hypertension and outcomes among infants with bronchopulmonary dysplasia who undergo surgery. Platform presentation at the AAP Section on Neonatal-Perinatal Medicine 22nd South Central Conference on Perinatal Research; Austin, TX, October 2015.

DeVries LB, Jaleel MA, Kapadia V, Brown LS, Heyne R, Brion LP. Relationship Between Pulmonary Hypertension and Outcomes Among Infants With Bronchopulmonary Dysplasia Who Undergo Surgery. Poster presentation at Pediatric Academic Societies Annual Meeting, Baltimore Maryland, May 3, 2016

Cecilie Halling, M.B.Ch.B., MRCPI (2013-2016)

Education:

Medical:
1998-2004 Royal College of Surgeons in Ireland, Dublin, Ireland M.B.Ch.B.

Post Graduate:
2005-2007 Royal College of Physicians in Ireland, Dublin, Ireland, Residency, General Pediatrics
2008-2014 Royal College of Physicians in Ireland, Dublin, Ireland, Fellowship, General Pediatrics

Research:
Title: Use and Efficacy of Lower Vs Higher Doses of ETT Epinephrine During Neonatal CPR in the Delivery Room
Title: Neonatal CPR in the Delivery Room: Review of the Get With the Guidelines- Resuscitation Registry
Mentor: Myra H. Wyckoff, M.D.

Honors/Awards

2004	2nd class honours degree (LRCPSI, MB, BCh, BAO(NUI))
2010	Best presentation for audit presented at The Irish Perinatal Society

Grants:

2010	Funding from The Children's Research Centre, Dublin: 248,190 Euro (301,675 US$): The NOTES Study: Neuro Developmental Outcome for Twins of The ESPRIT Study

Peer Reviewed Journal Articles/Abstracts:

Halling C, Farombi-Oghuvbu I. Effectiveness of Ibuprofen versus Indomethacin in the Treatment of Patent Ductus Arteriosus in Preterm infants: A Retrospective Study. Irish Medical Journal. 2011 Nov; 104(10): 68.

Halling C, Khan R, Sharif F. Usefulness of Transcutaneous Measurements of Bilirubin in Full Term Healthy Infants: Time to Spare the Needle! Irish Journal of Medical Science. 2006 Nov; 175(4): 11.

Halling C, Murphy AM, Treacy EP, Monavari AA. Predictive Value of Mutation Analysis for Glutaric Aciduria Type 1. Helping to Prevent Dyskinetic Cerebral Palsy. Irish Journal of Medical Science. 2007 May; 176(11): 33.

Halling C, Van der Spek N. Best Practice in High Risk DDH Screening. Irish Journal of Medical Science. 2010 Jun; 179(5): 225.

Halling C, Malone FD, Breathnach FM, Stewart MC, McAuliff FM, Morrison JJ, Dicker P, Manning F, Cocoran JD, on behalf of the Perinatal Ireland Research Consortium. Neuro-developmental outcome of a large cohort of growth discordant twins. Eur J Pediatrics, March 2016, Volume 175, Issue 3, pp 381-389

Peer Reviewed Online Publication:

Halling C, Corcoran D. Late Premature Twins- Are They at a Developmental Disadvantage? November, 2011 www.pedresearch.org.

Poster Presentations:

Halling C. Late Premature Twins- Are They at a Developmental Disadvantage? Poster presented at: European Society for Pediatric Research; Newcastle, United Kingdom. October, 2011

Halling C. Best Practice in High Risk DDH Screening. Poster presented at: Irish Pediatric Association Annual Meeting; Dublin, Ireland. May, 2009

Halling C. Effectiveness of Ibuprofen versus Indomethacin in The Treatment of Patent Ductus Arteriosus in preterm Infants: A Retrospective Study. Poster presented at: Irish Perinatal Society; Dublin, Ireland. March, 2009

Halling C, Sparks JE, Wyckoff MH. Use and Efficacy of lower versus higher endotracheal (ETT) epinephrine during neonatal cardiopulmonary resuscitation in the delivery room. Poster presentation at: the American Academy of Pediatrics Section on Perinatal Pediatrics 85th Perinatal & Developmental Medicine Symposium entitled, "Engaging in Perinatal Global Health: Can, Should, Will, When, and How?" Fort Myers, FL, 11/13-16/14

Oral Presentations:

Halling C. Predictive Value of Mutation Analysis for Glutaric Aciduria Type 1: Helping to Prevent Dyskinetic cerebral Palsy. Oral Presentation presented at: Irish Pediatric Association Summer Meeting; Dublin, Ireland. May, 2007

Halling C. Usefulness of Transcutaneous Measurements of Bilirubin in Full Term Healthy Infants: Time to Spare the Needle! Oral Presentation presented at: Irish Pediatric Association Winter meeting; Dublin, Ireland. November, 2006

Halling C, McCallion N. Trophic Feeds: How Much Does the Infant Receive? Oral Presentation presented at: Irish Perinatal Society Meeting; Dublin, Ireland. April, 2010

Halling C, Sparks JE, Christie L, Wyckoff MH. Use and Efficacy of Lower Versus Higher Doses of Endotracheal (ETT) Epinephrine During Neonatal Cardiopulmonary Resuscitation (CPR) in the Delivery Room. Platform presentation at Pediatric Academic Societies Annual Meeting, San Diego, CA, 4/27/15

Shawndip Kumar Sen, M.D. (2013-2016)

Education:

Medical:
2006-2010 University of Oklahoma College of Medicine, Oklahoma City, OK, M.D.

Post Graduate:
2010 - 2013 NY Presbyterian - Columbia University Medical Center, New York, NY.
Residency, General Pediatrics

Research:
Title: The role of p27 in regulating cardiomyocyte cell cycle
Mentor: Hesham Sadek, M.D., Ph.D.

Honors/Awards:

2002	College of Engineering, Achievement Scholarship, Univ of Illinois, Urbana-Champaign
2002	James Scholar Honors Designee, University of Illinois Urbana-Champaign
2002-2006	College of Engineering Dean's List, University of Illinois Urbana-Champaign
2008	William RR and Ruth G Loney Memorial Award, Tulsa Medical Society, Tulsa, OK
2009	C.S. Lewis Memorial Award, Tulsa Medical Society, Tulsa, OK
2009	Freda S Plummer Scholarship, University of Oklahoma Health Sciences Center
2014-16	District VII Fellow TECaN Representative
2014-2016	Participation in the AAP Section on Young Physicians Leadership Alliance (YPLA)
2015	SSPR/APA Trainee Travel Award Recipient

Publications:

Peer Reviewed Journal Articles
Pantanowitz L, **Sen S**, Crisi GM, Makari-Judson G, Garb J, Skiest D. Spectrum of Breast Disease Encountered in HIV-positive Patients at a Community Teaching Hospital. Breast. 2010 Aug; 20(4): 303-8. Cited in PubMed; PMID: 21641801.

Abstracts:

Sen S, Pantanowitz L, Skiest, D. *Clinical Spectrum of HIV Related Breast Disease at the Tufts University Baystate Medical Center*. Poster presented at: San Antonio Breast Cancer Symposium; San Antonio, TX. December, 2009

Sen S, Tang H, Kung A, Chongwen D, Goldberg E. *Abnormal expression of testis-specific lactate dehydrogenase C splice variants selectively expressed in melanoma.*. Poster presented at: Northwestern Research Summer Symposium; Chicago, IL. August, 2005

Sen S, Duchon J, Lampl B, Aspelund G, Bacha E, Krishnamurthy G. Outcomes after elective Ladd procedure in infants with heterotaxy syndrome. Poster presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 6, 2014

Sen S, The Role of Cyclin Dependent Kinase Inhibitor p27Kip1 in Regulation of Neonatal Cardiomyocyte Proliferation. Platform presentation at Pediatric Academic Societies Annual Meeting, Baltimore Maryland, May 3, 2016

Sen S. The Role of Cyclin Dependent Kinase Inhibitor p27Kip1 in Regulation of Neonatal Cardiomyocyte Proliferation. Oral Presentation at: UT Southwestern Pediatrics' Senior Fellows' Research Day, Dallas, TX 5/24/2016

Heather Miller Weydig, M.D. (2013-2016)

Education:

Medical:
2006-2010 Medical College of Wisconsin, Milwaukee, WI, M.D.

Post Graduate:
2010-2013 UT Southwestern Dallas-Childrens Medical Center, Dallas, TX, Residency, General Pediatrics

Research:
Title: Indomethacin bundle for prevention of neonatal mortality, severe intraventricular hemorrhage and pulmonary hemorrhage in ELGANs
Mentor: Luc P. Brion, M.D.

Honors/Awards:

2008	National Program of Excellence Award: Family Medicine Student Association
2007	Medical Student Externship – Medical College of Wisconsin - Department of Pediatrics: Awarded the externship program assignment which included work experience for 2 weeks in each program: NICU, Endocrinology, Gastroenterology, and General Pediatrics
2006-2010	Dean's List
2014-2015	Representative of the subspecialty trainees in the Department of Pediatrics on the GME Residency Advisory Committee (RAC)

Publications:

Peer Reviewed Journal Articles:

Miller H, Mittal V. Index of Suspicion: Case 3: Fever, Cough, and Dysentery in a 17-Year-Old Hispanic Girl. Pediatrics in Review 2014; 35:206-211

Weydig HM, Veltkamp D, Kakkilaya V, Stumpf K, Waber LJ, Brion LP. Index of Suspicion in the Nursery: Progressive Lethargy in a Four-Day-Old Term Infant. NeoReviews, 2015 in press

Presentations and Posters:

Weydig, HM, Jaleel M, Frost M, Brion L. (2015, November). Parkland QI Bundle: Reducing Mortality and Morbidity in Extremely Low Gestational Age Neonates (ELGANs) at Parkland Health & Hospital System (PHHS). Poster presentation at the *87th Perinatal & Developmental Medicine Symposium entitled "Drug Development for Pregnant Women and their Infants"*. Delray Beach, FL.

Weydig, HM, Jaleel M, Frost M, Brion L. (2015, October). Parkland QI Bundle: Reducing Mortality and Morbidity in Extremely Low Gestational Age Neonates (ELGANs) at Parkland Health & Hospital System (PHHS). Poster presentation at the *American Academy of Pediatrics National Conference*. Washington, D.C.

Weydig, HM, Jaleel M, Frost M, Brion L. (2015, October). Parkland QI Bundle: Reducing Mortality and Morbidity in Extremely Low Gestational Age Neonates (ELGANs) at Parkland Health & Hospital System (PHHS). Platform presentation at the *AAP Section on Neonatal-Perinatal Medicine 22nd South Central Conference on Perinatal Research*. Austin, TX.

Weydig, HM, Wyckoff M. (2014, September). Improving Delivery Room Endotracheal Tube Placement in Neonates <29 weeks Gestational Age. Oral presentation at the *Levine Children's Quality Improvement Conference*. Charlotte, NC

Weydig, HM, Creation of a Team to Reduce Blood Culture Contaminants in the NICU. Poster presentation at Pediatric Academic Societies Annual Meeting, Baltimore Maryland, May 3, 2016

Heather Weydig, M.D., Valerie Simcik, R.N., Gretchen McGuire, N.N.P., Emma Ramon, R.N., Marjorie Marshall, R.R.T., John Nguyen, N.N.P., Shelly Renfro, R.R.T., Audra Stewart, D.O., Mambarambath Jaleel, M.D., and Venkat Kakkilaya, M.D. "Improving the Golden Hour Care of Extremely Low Gestational Age Neonates"; VON Annual Quality Conference, September 10th, 2016; Chicago

Invited Workshops:

National:

10/2015	NRP Current Issues Seminar: Monumental Changes in NRP, **Workshop Co-Leader**, *American Academy of Pediatrics National Conference*, Washington D.C.
04/2015	Making your Quality Improvement Effort Count Twice! Designing and Executing your Improvement Project as Scholarly Activity, **Workshop Co-Leader**, *Pediatric Academic Society*, San Diego, CA

Regional / Local:

10/2015	"Newborn with Tachypnea: Listen to Your Patient", Multidisciplinary Case Conference presentation for all pediatric subspecialties, Children's Health, Dallas, TX
03/2014	"Looks can be Deceiving", Multidisciplinary Case Conference presentation for all pediatric subspecialties, Children's Health, Dallas, TX
05/2010	Helping Babies Breathe, Pediatric Residency Curriculum, Children's Health, Dallas, TX
05/2005	An Investigation of Collagen Composite Biodegradation, *Biomedical Engineering Research and Design Conference*, Tulane University, New Orleans, LA

Imran Nazir Mir, M.D. (2012-2015)

Education:

Medical:
1994-2003 Government Medical College Srinagar, India, M.B.B.S.

Post Graduate:
2009-2012 Oklahoma University Children's Hospital Oklahoma City, OK Residency, General Pediatrics

Research
Title: Role of Placenta in the Inflammatory Response in Fetal-neonatal Encephalopathy
Mentor: Charles R. Rosenfeld, M.D.

Honors/Awards:

2014	Selected for participation in the NICHD Young Investigators Conference, Chicago, IL

Publications:

Mir I, Chalak LF**.** Serum Biomarkers to Evaluate the Integrity of the Neurovascular Unit. Journal of Early Human Development, 2014 Oct;90(10):707-11

Lal CV, **Mir I**, Kelley E, Weprin BE, Sengupta AL, Booth TN, Brion LP. Hypomagnesemia Secondary to Cerebrospinal Fluid Losses in a Patient with Congenital Hydrocephalus. J Perinatology 2014; 34, 640–642

Abstracts:

Mir I, Gottipatti V, Noori S. *Does Serum Osmolarity play a role in the pathogenesis of Intraventricular hemorrhage in extremely premature neonates*. Poster presented at: Pediatric Academic society and Asian Society of Pediatric Research, Denver, CO, April, 2011

Mir I, GottipattiV, Noori S. *Does Serum Osmolarity play a role in the pathogenesis of Intraventricular hemorrhage in extremely premature neonates*. Oral Presentation presented at: SSPR; New-Orleans, LA, February, 2011

Mir IN, Welch SJ, Brown LS, Kandru G, Lal CV, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy (NE), Death and Neurodevelopment Impairment at 18-24 Months. Poster presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 5, 2014

Mir IN, Welch SJ, Brown LS, Lal CV, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy and Neurodevelopmental Outcome at 18-24 Months of Age. Platform presentation at: Section on Perinatal Pediatrics, 21st South Central Conference on Perinatal Research, Lakeway Resort, Austin, Texas, October 27-29, 2014

Mir IN, Cantey JB, Chalak LF. Placenta "The Least Understood Organ"- A Journey from Early Animistic Origins to the Current Human Placental Project. Poster Symposium at Pediatric Academic Societies Annual Meeting, San Diego, CA, 4/25/15

Mir IN, Welch SJ, Brown LS, Kandru G, Lal CV, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy (NE), Death and Neurodevelopment Impairment at 18-24 Months. Poster presentation at SRI Annual Meeting, San Francisco, March 28, 2015

Anson Tang, M.D. (2012-2015)

Education:

Medical:
2005-2009 University of Texas Southwestern Medical Center at Dallas, School of Medicine, Dallas, TX, M.D.

Post Graduate:
2009-2012 UT Southwestern/Children's, Residency, General Pediatrics

Research:
Titles: Peri-operative Assessment of the Hypothalamic-Pituitary-Adrenal Axis Predicts Outcomes in Neonates Undergoing Cardiac Surgery
Determining an Optimal Weaning Method of Nasal Continuous Positive Airway Pressure in Preterm Neonates
Mentor: Charles Rosenfeld, M.D.

Publications:

McArdle KS, **Tang AT**. Trends in Triplet Susceptibility to Complications. National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology Journal.2001 May; 6(2): 9-10.

Abstracts:

Jain, K., **Tang, A**., Fowler, R., Idris, A. *Quality of Cardiopulmonary Resuscitation During out-of-Hospital Cardiac Arrest and Trauma*. Poster presented at: The University of Texas Southwestern Medical Center at Dallas Forty-Fifth Annual Medical Student Research Forum; Dallas, TX. January, 2007

McArdle, K., **Tang, A**. *Trends in Triplet Susceptibility to Complications*. Poster presented at: American Junior Academy of Science/American Association for the Advancement of Science Annual Meeting and Science Innovation Exposition; San Francisco, CA. February, 2001

Rochowicz, E., Muraskas, J., McArdle K., **Tang, A**., Weiss, M. *Neonatal/Perinatal Factors in Predicting the Clinical Course of Triplet Births at 34 Weeks Gestation*. Poster presented at: American Academy of Pediatrics Annual Meeting; Chicago, IL. October, 2000

Juliann Theresa Williams Sheehan, M.D. (2012-2015)

Education:

Graduate:
2004-2005, George Washington University, Washington , DC, M.P.H.

Medical:
2005-2009, Eastern Virginia Medical School, Norfolk, VA, M.D.

Post Graduate:
2009-2012 Yale University, New Haven, CT, Residency, General Pediatrics

Research:
Title: Clinical outcomes of periventricular hemorrhagic infarction in preterm infants
Mentor: Luc P. Brion, M.D.

Honors/Awards:

2004	Citizen Corps Community Service Award, Washington D.C.
2005	Magna Cum Laude GWU
2005-2009	Human Values in Medicine Representative, EVMS
2010	Patient Service Excellence Recognition, Yale-New Haven Hospital

Abstracts:

Sheehan JW, Jurado J, Allen T, Frost MS. Using QI Methodologies To Improve Compliance with ACGME Requirements: Increasing Completed Parent Evaluations in a Neonatal Fellowship Program. Poster presentation at Pediatric Academic Societies Annual Meeting, San Diego, CA, 4/27/15

Sheehan JW, Pritchard MA, Brown LS, Heyne RJ, Jaleel MA, Engle WD, Brion LP. Withdrawal of Support in Preterm Infants with Periventricular Hemorrhagic Infarction. Poster presentation at Pediatric Academic Societies Annual Meeting, San Diego, CA, 4/28/15

Charitharth Vivek Lal, M.D. (2011-2014)

Education:

Medical:
2001-2006, Government Medical College Nagpur, India, M.B.B.S.

Post Graduate:
2008-2011, University of South Alabama Mobile, AL, Residency, General Pediatrics

Research:
Title: Role of Endothelial Monocyte Activating Polypeptide-II (EMAPII) in BPD
Mentor: Rashmin Savani, M.B.Ch.B.

Honors/Awards:

1999	National Talent Search Examination (NTSE), India
1999	Governor’s Certificate of Excellence - Regional topper, CBSE, India Cambridge’s Who’s Who
2012	Travel Award, Section on Perinatal Pediatrics, American Academy of Pediatrics, National Conference & Exhibition (NCE) in New Orleans, LA
2012	Fellows' section of membership in the Society for Pediatric Research (SPR)
2012	Young Investigator Award, American Academy of Pediatrics (AAP)
2013	American Academy of Pediatrics Travel Scholarship, 2013 Workshop on Perinatal Practice Strategies in Scottsdale, Arizona in April 2013

2013	Society for Pediatric Research (SPR) and the SPR Fellow Research Award Committee: Fellow Basic Research Award for abstract "Dysplasia (BPD)-Like Phenotype in Uninjured Mice, and Hyperoxia-Induced BPD Is Improved by an EMAP II Blocking Antibody"
2013	Travel Award, 2013 National Conference & Exhibition (NCE) in Orlando, FL
2013	Southern Society of Pediatric Research: Finalist for the Basic Science Young Investigator Award
2014	PAS Travel Awards Program for Young Investigator's 2014

Publications:

Zayek MM, Benjamin JT, Maertens P, Trimm RF, **Lal CV**, Eyal FG. Cerebellar hemorrhage: a major morbidity in extremely preterm infants. J Perinatol. 2011 Dec 15. doi: 10.1038/jp.2011.185. [Epub ahead of print]

Bennett KM, Afanador MD, **Lal CV**, Xu H, Persad E, Legan SK, Chenaux G, Dellinger M, Savani RS, Dravis C, Henkemeyer M, and Schwarz MA. Ephrin-B2 Reverse Signaling Modulates α5β1 integrin mediated Fibronectin Deposition and Distal Lung Compliance. ATS Red Journal (American Journal of Respiratory Cell and Molecular Biology) May 2013

Lal CV, Schwarz MA. Vascular Mediators in Chronic Lung Disease of Infancy: Role of Endothelial Monocyte Activating Polypeptide II (EMAP II). Birth Defects Res A Clin Mol Teratol. 2014 Mar;100(3):180-8. doi: 10.1002/bdra.23234. Epub 2014 Mar 12. PMID:246198752014

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 2014; 34, 640–641

Abstracts:

Lal CV, Batten L. A rare case of dextrocardia, situs inversus, atrioventricular and ventriculoarterial discordance and right anterior aorta in a neonate. Journal of Investigative Medicine 58(2):512, 2010

Lal, CV, Preud'Homme, D. Vitamin D25(OH) level in an obese pediatric population does not correlate with markers of insulin resistance. Poster presented at: Southern Regional Meetings; New Orleans, LA, February 2010

Lal, CV, Preud'Homme, D. Vitamin D25(OH) in an obese pediatric population living below 35 degrees latitude during the summer. Oral Presentation presented at: Southern Regional Meetings; New Orleans, LA, February 2010

Lal CV, Zayek M. Early Use of Vasopressors - a Cause of Cerebellar Hemorrhage in Very Premature Infants. Poster presentation at AAP Meeting, San Francisco, MA, 10/1/2010

Lal CV, Zayek M. The use of vasopressors should be carefully balanced with the increased risk of Cerebellar Hemorrhage in the extremely premature infants. Poster presentation at Southern Society of Pediatric Research (SSPR), New Orleans, LA, 2/17/2011

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

Lal CV, Persad EA, Xu H, Schwarz MA. Administration of Endothelial Monocyte Activating Polypeptide (EMAP II) function blocking Antibody rescues alveolarization and reduces cellular proliferation in Broncho Pulmonary Dysplasia (BPD) – Platform presentation at AAP National Conference and Exhibition 2012, New Orleans, LA, October 2012

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)

Lal CV, Awasthi N, Xu H, Schwarz AM, Schwarz R, Savani RC, Schwarz MA. BPD: Development of a Developmental Therapy. Platform presentation at American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL,

Lal CV, Liao J, Cheong N, Longoria C, Cuna A, M. Faye-Petersen O, Kelly DR, Ambalavanan N, Savani RC. CD44 is necessary for increased lung IL1β/TGFβ and decreased alveolarization in mice exposed to neonatal hyperoxia, and is elevated in preterm infants with BPD. Platform presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 4, 2014

Mir IN, Welch SJ, Brown LS, Kandru G, **Lal CV**, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy (NE), Death and Neurodevelopment Impairment at 18-24 Months. Poster presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 5, 2014

Mir IN, Welch SJ, Brown LS, **Lal CV**, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy and Neurodevelopmental Outcome at 18-24 Months of Age. Platform presentation at: Section on Perinatal Pediatrics, 21st South Central Conference on Perinatal Research, Lakeway Resort, Austin, Texas, October 27-29, 2014

Mayor RS, Hill B, Zehr J, Neinast M, Morselli E, **Lal C**, Hahner L, Savani R, Clegg D. In Utero Exposure to Maternal High Fat Diet Increases Fetal Lung Inflammation Impairing Lung Development. Platform presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 5, 2014

Mir IN, Welch SJ, Brown LS, Kandru G, **Lal CV**, Rosenfeld CR, Chalak LF. Placental Pathology is Associated with Severity of Neonatal Encephalopathy (NE), Death and Neurodevelopment Impairment at 18-24 Months. Poster presentation at SRI Annual Meeting, San Francisco, March 28, 2015

Invited Presentations:

Lal CV, Wyckoff M - NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference October 5-7, 2012 Temple, Texas

Lal CV, Wyckoff M - NRP Current Issues Seminar- AAP National Conference and Exhibition, October 19, 2012, New Orleans, Louisiana

Lal CV- Vascular Mediators in BPD. July 2013, Grand Rounds, University of Alabama, Birmingham.

Lal CV, Wyckoff M - NRP Current Issues Seminar- AAP National Conference and Exhibition, October 2013 Orlando, FL

Reina Sara Mayor, M.D. (2011-2014)

Education:

Medical:
2004-2008, George Washington School of Medicine, Washington, DC, M.D.

Post Graduate:
2008-2011, Baylor College of Medicine Houston, TX, Residency, General Pediatrics

Research:
Title: Fetal exposure to maternal diets high in fat increases placental and fetal inflammation impairing postnatal lung development and function
Mentor: Deborah Clegg, Ph.D.

Honors/Awards:

1999-2003	Golden Key National Honor Society, SDSU
1999-2003	Mortar Board National Honor Society, SDSU
1999-2003	Phi Beta Kappa, SDSU
2003-2004	Intramural NIAID Research Opportunity Representative
2006-2007	Honors Curriculum, George Washington School of Medicine

Funding:

2003-2004	Intramural Research Training Award (IRTA) Program, National Institutes of Health (NIH). American Academy of Pediatrics (AAP)

2013-2014 Marshall Klaus Perinatal Research Award for "In Utero Exposure to Maternal High Fat Diet Increases Fetal Lung Inflammation Impairing Lung Development"

Invited Lectures:

Bier, S. Vaccine Development for Parainfluenza Virus Type II. Oral Presentation at: Intramural Research Opportunity 2004; Bethesda, MD, February 2004

Bier, S. Vaccine Development for Parainfluenza Virus Type II. Oral Presentation at: Changing the Face of Medicine; Bethesda, MD, Bier, S. Bethesda, MD, July 2005

Abstracts and Presentations:

Bier S. "Molecular cloning and characterization of Ac-TMP-2, a tissue inhibitor of metalloproteinase secreted by adult Ancylostoma caninum." Poster Presentation at: George Washington School of Medicine, 2008

Mayor RS, Finch K, Davis K, Neinest, M, Bills J, Skiles W, KuiXie S, Hahner, L, Savani R, Clegg, D Fetal Exposure to Maternal Diets High in Fat Increases Placental and Fetal Inflammation Impairing Postnatal Lung Development and Function. Platform presentation at Section on Perinatal Pediatrics, 81st Perinatal and Developmental Medicine Symposium, Neonatal Pain, Stress and Sedation in the 21st Century, Marco Island, Florida, November 15-18, 2012

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

Mayor RS, Hill B, Zehr J, Neinast M, Morselli E, Lal C, Hahner L, Savani R, Clegg D. In Utero Exposure to Maternal High Fat Diet Increases Fetal Lung Inflammation Impairing Lung Development. Platform presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 5, 2014

Publications:

Nolan S, Skiadopoulos M, Bradley K, Kim O, **Bier S**, Amaro-Carambot E, Surman S, Davis S, St. Claire M, Elkins R, Collins P, Murphy M, Schaap-Nutt A. "Recombinant human parainfluenza virus type 2 vaccine candidates containing a 3'genomic promoter mutation and L polymerase mutations are attenuated and protective in non-human primates". Vaccine 2007; 25(34): 6409-6422

Zhan B, Gupta R, Wong SP, **Bier S**, Jiang D, Goud G, Hotez P.. Molecular cloning and characterization of Ac-TMP-2, a tissue inhibitor of metalloproteinase secreted by adult Ancylostoma caninum. Molecular & Biochemical Parasitology. 2008; 2(162): 142-148

Mayor RS, Saenz NC, Kanegaye JT. "Acute appendicitis presenting with a painful inguinal mass: complication related to patent processus vaginalis and testicular maldescent." Pediatr Emerg Care. 2011;27(5):414-416

Schaap-Nutt A, D'Angelo C, Amaro-Carambot E, Nolan SM, Davis S, Wise SM, Higgins C, Bradley K, Kim O, **Mayor RS**, Skiadopoulos MH, Collins PL, Murphy BR, Schmidt AC. "Recombinant human parainfluenza virus type 2 with mutation in V that permit cellular interferon signaling are not attenuated in non-human primates. Virology. 2010;406(1):65-79.

Jiang D, Zhan B, **Mayor RS**, Gillespie P, Keegan B, Bottazzi ME, Hotez P. "Ac-AP-12 a novel factor Xa anticoagulant peptide from the esophageal glands of adult Ancylostoma caninum." Mol biochem Parasitol. 2011; 177 (1):42-8.

Mayor R, Finch K, Zehr J, Morselli E, Neinast M, Frank A, Hahner L, Wang J, Rakheja D, Palmer B, Rosenfeld C, Savani R, Clegg D. Maternal high fat diet is associated with impaired fetal lung development. American Journal of Physiology - Lung Cellular and Molecular Physiology, in press

Cheryl Leah Motta, M.D. (2011-2014)

Education:

Medical:
2004-2008, UT Medical Branch at Galveston, M.D.

Post Graduate:
2008-2011, UT Southwestern/Children's, Residency, General Pediatrics

Research:
Title: Association of Congenital Heart Disease with Mortality and Morbidity in Preterm Infants
Mentor: Luc P. Brion, M.D.

Honors/Awards:

1997-2001	2004	Dean's List and President's List at UNT
2005		Carl Herzog Scholarship at UTMB Osler Scholarship for International Elective, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania

Publications:

Brown GR, Lee EL, El-Hayek J, Kintner K, **Luck C**. IL-12-Independent LIGHT Signaling Enhances MHC Class II Disparate CD4+ T Cell Alloproliferation, IFN-γ Responses, and Intestinal Graft-versus-Host Disease. J. Immunol. 174: 4688-4695, 2005

Motta M, Scott W, Mahony L, Koch J, Wyckoff M, Reisch J, Burchfield PJ, Brion LP. The Association of Congenital Heart Disease with Necrotizing Enterocolitis in Preterm Infants: A Birth Cohort Study. Journal of Perinatology, in press

Abstracts and Presentations:

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

Christina Nicole Stine, R.D., M.D. (2011-2014)

Education:

Graduate:
1999-2001, Texas A&M University, College Station, TX, M.S., Nutrition

Medical:
2004-2008, UT Southwestern, M.D.

Post Graduate:
2001, Texas A&M University Dietetic Program, Temple, TX, Registered Dietician
2008-2011, UT Southwestern/Children's, Residency, General Pediatrics

Research:
Title: End tidal CO_2 prediction of return of spontaneous circulation during CPR in asystolic and bradycardic infants < 6 months of age
Title: End tidal CO_2 prediction of return of spontaneous circulation during CPR in asystolic and bradycardic neonates
Mentor: Myra H. Wyckoff, M.D.

Honors/Awards:

1996-1997	Academic Incentive Award
1996-1998	Tau Kappa Junior Honor Society
1996-1999	Phi Kappa Phi Honor Society
1997-1998	Academic Achievement Award
1999-2000	Regent's Fellowship
2004-2008	UT Southwestern Foundation Competitive Scholarship
2004-2008	Co-President of UTSW Medical School
2008	UT Southwestern Leadership Award
	Alpha Omega Alpha (Member of AOA)

Quality Improvement Project:

The effect of a neonatal rapid response team on neonatal ICU cardiopulmonary resuscitation (CPR) performance and outcomes

Funding:

Neonatal Resuscitation Program (NRP): Young Investigator Award proposal, "End tidal carbon dioxide (ETCO2) prediction of return of spontaneous circulation (ROSC) during CPR in asystolic and bradycardic neonates"

Abstracts:

Stine CN, Koch J, Brown LS, Chalak L, Kapadia V, Wyckoff MH. Quantitative End-tidal CO2 (ETCO2) predicts return of spontaneous circulation (ROSC) during infant CPR. Platform presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 3, 2014

Invited Presentations:

Stine CN. NRP Workshop - "Full Throttle NRP". SWAN (Scott & White Annual Neonatal) Conference October 5-7, 2012 Temple, Texas

Abstracts and Presentations:
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)

Stine C, Wyckoff MH. Cardiopulmonary Resuscitation (CPR) in the Neonatal Intensive Care Uit (NICU): Asystole versus Bradycardia. AAP NCE. Orlando Florida. 2013. Poster Presentation.

Stine CN, Koch J, Brown LS, Chalak L, Kapadia V, Wyckoff MH. Quantitative End-tidal CO2 (ETCO2) predicts return of spontaneous circulation (ROSC) during infant CPR. Platform presentation at Pediatric Academic Societies Annual Meeting, Vancouver, May 3, 2014

Teaching:

June 2011- Present	Neonatal Resuscitation Program (NRP) Instructor, Dallas, TX