This document contains all publications and abstracts related to work accomplished during fellowship, as well as grants from past fellows, for the past four years. The names of the fellows are underlined. Rev 8/6/2020

JOURNAL ARTICLES

**Original Peer-Reviewed Manuscripts**

**2019**


**2018**


Hoge K, Ali N. Apnea and hypotonia in a one-month old infant. NeoReviews, in press


**2017**


**2016**


Duncan A, Frankfurt J, Heyne R, Rosenfeld C. Biomarkers of Adiposity Are Elevated in Preterm Very-Low-Birth-Weight Infants at 1,2, and 3 Years of Age. Pediatric Research. January 2016. PMID: 28099428
Neonatal-Perinatal Fellows Scholarship


Reviews
2018

Chapters
2020

2019

2018
Cantey, JB., (ed) Baird, S., Neonatal Infections: Pathophysiology, Diagnosis and Management Chapter 27; Springer; 2018

PRESENTED ABSTRACTS
2020
Baird, S., Brannon, T., Yallapragada, S., Mir, I., Usage and Impact of Bronchopulmonary Dysplasia on the Problem List in a Neonatal Intensive Care Unit, Accepted for Platform Presentation at PAS, Philadelphia, PA, May 2020 (Cancelled due to COVID-19)

Bautista, L., Mir, I., A History of Opioid Use, Accepted for Poster Symposium at PAS, (Cancelled due to COVID-19), Presented at The Texas Children’s Hospital and University of Alabama’s 2020 Virtual Regional Neonatal Research Conference, May 2020

Natique, K., Chalak, L., Savani, R., Muncy-Thomas, J., Doppler Ultrasonography to Stratify the Spectrum of NE in Infants
with Perinatal Academia Who Do Not Classify for Cooling Therapy. Accepted for Poster Presentation at PAS, Philadelphia, PA, May 2020 (Cancelled due to COVID-19)


Reis J, Brion LP. Nutrition and the Developing Brain. Invited platform presentation at the Parkland Health and Hospital System 2020 Neonatal Brain Matters Conference. Dallas, TX, February 2020


2019

Baird, S., Brannon, T., Neonatal Respiratory Distress Problem List Resolution – A Quality Improvement Project – NeoResp-QuIP, Oral Presentation at SWAN Conference, Temple, TX, September 2019


Natique, K., Chalak, L., Savani, R., Muncy-Thomas, J., Doppler Ultrasonography to Stratify the Spectrum of NE in Infants with Perinatal Academia Who Do Not Classify for Cooling Therapy. SWAN Conference, Temple, TX, September 2019


Shah, K., Chalak, L., Mirpuri, J., Brown, L., Development of Anemia in Preterm Infants Alters the Microbiome, Poster presentation at PAS, Baltimore, MD, April 2019

Wickland, J, Heyne, R, Brown, LS, Turer, CB, Rosenfeld, CR. Preterm Very-Low-Birthweight (PT-VLBW) Infants Continue to Exhibit High Systolic Blood Pressure (SBP) and Altered Renal Function at Preadolescence. Presentation at AAP 94th Perinatal & developmental medicine symposium, Snow Mass, CO, June 2019

2018

Abbey, N., Mashruwala, V., Ramon, E., Ibrahim, J., Weydig, H., Mir, I., Wyckoff, M., Kapadia, V., Heart Rate Evaluation and Resuscitation Trial in Preterm Neonates (HEART) – A Randomized Trial”. Poster presentation at PAS, Toronto, Canada,

Ibrahim, J., Frost, M., How baby side-shows in fairs and amusement parks helped warm our “weaklings”. Poster Symposium at PAS, Toronto, Canada, May 2018


2017

Blanco, VM, Brown, LS, Rosenfeld, CR. Blood Pressure Measurements in Preterm Infants in the NICU: Reliability and Effects of Feeding and State. 38th annual Western Conference on Perinatal Research, sponsored by the American Academy of Pediatrics Section on Neonatal-Perinatal Medicine. Indian Wells, California, 1/11-13/2017


Ibrahim, J., Mir, I., Maggots: History from being ‘just insects’ to FDA approved medical devices”. PAS, San Francisco, May 2017


2016


DeVries LB, Jaleel MA, Kapadia VS, Brown LS, Heyne R, Brion LP. "Relationship Between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery." Poster presentation at the Southern Society for Pediatric Research, New Orleans, LA. 2/18/16

Sen S. The Role of Cyclin Dependent Kinase Inhibitor p27Kip1 in Regulation of Neonatal Cardiomyocyte Proliferation. Platform presentation at PAS, Baltimore, MD, 5/03/2016


Weydig, H.M. 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


INVITED PRESENTATIONS AND WORKSHOPS
2018
Maple, B. NRP Current Issues Seminar; AAP National Conference, Orlando FL, November 2018

2016


UTSW COMMITTEES

Heather Weydig:
2014-16 Representative of the subspecialty trainees in the Department of Pediatrics on the GME Residency Advisory Committee (RAC)

Lindsay DeVries
2015-16 Housestaff Wellness and Health Initiative 2015-16

Valerie Blanco
2015-16 Complement and Addition in Program (CAP) Subcommittee of the GMEC

EXTRAMURAL COMMITTEES

Hoge, Margaret:
2019-2020 TECaN National Advocacy Campaign Committee Member: Mental Health in the NICU

Shawndip Sen:
2014-16 District VII Fellow TECaN Representative
2014-16 Participation in the AAP Section on Young Physicians Leadership Alliance (YPLA)

EDITORIAL RESPONSIBILITIES

Joseph B Cantey:
AWARDS, HONORS AND GRANTS

Awards:
- 2016: Parkland Health & Hospital System 2016 Fellow Award of Excellence in Patient Care: Lisa Scheid
- 2016: American Academy of Pediatrics (AAP) Young Physicians’ Leadership Alliance (YPLA) through the Section on Early Career Physicians (SOECP): Heather Weydig
- 2016 David G. Nathan Research Award, SPR: Shawndip Sen from the SPR for his work on “The role of cyclin dependent kinase inhibitor p27-kip1 in regulation of cardiomyocyte proliferation”

Travel Awards:
- Katie Hoge AAP 2020 Travel Award
- Katie Hoge 2019 TeCAN AAP Travel Award
- Katie Hoge 2019 SWAN Conference Travel Grant
- Katie Hoge 2019 AAP Travel Award
- Lara Pagaveau 2018 WISMAC Travel Award
- John Ibrahim: 2018 PAS Travel Award:
- Lisa Scheid 2017: SSPR Trainee Travel Award:
- Shawndip Sen: 2016 SSPR/APA Trainee Travel Award:

SCHOLARSHIP AFTER GRADUATION:

Postgraduate training
- Duke University’s Fuqua School of Business, Masters in Business Administration, Health Sector Management Certificate: Olutoye Osunbunmi
- Fellowship in Pediatric Cardiology: Shawndip Sen, Lucile Packard Children’s Hospital at Stanford, 2016-2018

Previous Graduates: Promotion to senior rank
Vivek Lal, MD, FAAP: Promoted to Associate Professor September 2019
Tara Dupont, MD: Promoted to Associate Professor July 2017

Leadership Positions:
Lina Chalak, MD: Associate Fellowship Director of Fetal and Neonatal Neurology Program, 2018
Arpitha Chiruvolu: Medical Director, Baylor Medical Center at McKinney, McKinney, TX
Andrea Duncan, MD: Medical Director, Neonatal High Risk Clinic & Tiny Tot Neurodevelopmental & Behavioral Health Clinic, UT Houston
Tara Dupont, MD: Medical Director, Neonatal Outreach Program & Neonatal Follow-up Program, Univ New Mexico, 2013
Becky Ennis, MD: Medical Director, Clements NICU
Natalie Frost, MD: Director, FETAL Program, UT Southwestern Medical Center, until 2018
Charitharth Vivek Lal, MD: Director, Golden Week Program (Extremely Preterm Infant), UAB, Alabama
Myra Wyckoff, MD:
  - International Liaison Committee on Resuscitation, Newborn Subsection: co-chair of the Neonatal Task Force
  - Director, Newborn Resuscitation Services at Parkland Memorial

Grants obtained by graduates

<table>
<thead>
<tr>
<th>Name</th>
<th>Sponsor</th>
<th>Support years</th>
<th>Title</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Maple (PI)</td>
<td>NRP Steering Committee</td>
<td>1/1/2019-12/31/2019</td>
<td>Impact of the 7th Edition NRP Guidelines on Outcomes of Meconium-Exposed Newborns</td>
<td>$3,000</td>
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<tr>
<td>Name (PI)</td>
<td>Funding Source</td>
<td>Start Date</td>
<td>End Date</td>
<td>Project Description</td>
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<td>DuPont (PI)</td>
<td>Clinical Translational and Science Award</td>
<td>11/1/2017-6/30/2018</td>
<td>Mild Encephalopathy of the Neonate treated with Darbepoetin (MEND)</td>
<td>$29,404</td>
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<tr>
<td>Duncan (PI)</td>
<td>NRN</td>
<td>4/1/2016-3/31/2021</td>
<td>1 UG1 HD087229-01</td>
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<tr>
<td>Wyckoff (Site PI)</td>
<td>NICHD Cooperative Multicenter NRN: 8 U10 HD040689-12</td>
<td>4/1/2016-3/31/2021</td>
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<tr>
<td>Kapadia (PI)</td>
<td>NICHD/NIH 1K23HD083511-01A1</td>
<td>5/1/16-5/1/20</td>
<td>Low versus High Transitional Oxygen Saturation Targets for Preterm Resuscitation in the Delivery Room: A Randomized Controlled Trial</td>
<td>$132,300</td>
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<tr>
<td>DuPont (PI)</td>
<td>New Mexico Department of Health</td>
<td>1/4/2015-6/30/2016</td>
<td>Developmental Care Continuity Program FIT Focus Project</td>
<td>$45,000</td>
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<tr>
<td>DuPont (PI)</td>
<td>American Academy of Pediatrics</td>
<td>9/1/2014-3/30/2016</td>
<td>Neonatal Passport for Follow-up Care</td>
<td>$12,000</td>
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<tr>
<td>DuPont (PI)</td>
<td>New Mexico Department of Health</td>
<td>6/30/2014-6/30/2018</td>
<td>Developmental Care Continuity Program</td>
<td>$754,560</td>
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<td>Chalak (PI)</td>
<td>NICHD Cooperative Multicenter Neonatal Research Network 5 U10 HD040689</td>
<td>7/1/2017-6/30/2022</td>
<td>A Randomized Trial of Targeted Temperature Body Hypothermia for Moderate and Severe Neonatal Encephalopathy in Premature Infants 33-35 wks Gestational Age-Bayesian Study</td>
<td>$1,468,079</td>
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<tr>
<td>Chalak (PI)</td>
<td>NIH/NINDS</td>
<td>7/1/2017-6/30/2022</td>
<td>A Novel Wavelet Neurovascular Bundle for Real Time Detection of Injury in Neonatal Encephalopathy</td>
<td>$1,974,140</td>
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