

**Report of Scholarly Activity**  
**Children's National Pediatric Residency Program**  
**2015-2016**

**A. Publications**

1. Luban NL, Wong EC, Henrich Lobo R, Pary P, **Duke S**. Intravenous immunoglobulin-related hemolysis in patients treated for Kawasaki disease. *Transfusion* 2015 Jul; 55 Suppl 2:S90-4.
2. **Hittson L, Pedati C**, Hoffner W. Visual Diagnosis: 8-year-old Male with a Skin Mass and Inguinal Lymphadenopathy: Clear Cell Sarcoma. *Pediatr Rev* 2015 Aug; 36(8):e26-9.
3. **Fenix JB**, Gillespie CW, Levin A, Dean N. Comparison of Pediatric Early Warning Score to Physician Opinion for Deteriorating Patients. *Hosp Pediatr* 2015 Sep; 5(9):474-9.
4. Pancham K, Perez G, Huseni S, Jain A, **Kurdi B**, Rodriguez-Martinez C, Preciado D, Rose M, Nino G. Premature Infants Have Impaired Airway Antiviral IFN $\gamma$  Responses to Human Metapneumovirus Compared to Respiratory Syncytial Virus. *Pediatr Res* 2015 Oct; 78(4):389-94.
5. Beck J, Kind T, **Meyer R**, Bhansali P. Teaching Strategies That Promote Learning During Family Centered Rounds: A Qualitative Study of Attending Physicians. *Acad Med* 2015 Oct; 90(10):1401-7.
6. **Romanowicz J**, Korotcova L, Morton P, Cheema A, Gallo V, Jonas RA, Ishibashi N. Treatment with Tetrahydrobiopterin Decreases White Matter Injury in a Mouse Model for In Utero Hypoxia in Congenital Heart Disease. *Circulation* 2015 Nov; 132 Suppl 3:A18446.
7. **Rasmussen LK**, Schuette J, Spaeder MC. Albuterol Use in Children Hospitalized with Human Metapneumovirus Respiratory Infection. *Int J Pediatr* 2016 Jan 27; 2016:7021943 [Epub].
8. Ramakrishnan K, **Aljohani O**, John A, Sinha P. Transatrial Endocardial Placement of Epicardial Pacing Lead. *J Card Surg* 2016 Feb; 31:127-128.
9. Pancham K, Sami I, Perez GF, Huseni S, **Kurdi B**, Rose MC, Rodriguez-Martinez CE, Nino G. Human Metapneumovirus Infection is Associated with Severe Respiratory Disease in Preschool Children with History of Prematurity. *Pediatr Neonatol* 2016 Feb; 57(1):27-34.
10. **Huff Q**. Pediatricians are the First Line of Defense for Children's Oral Health. AAP Voices; February 10, 2016. Available at: <https://www.aap.org/en->

[us/aap-voices/Pages/Pediatrician-are-the-First-Line-of-Defense-or-Children's-Oral-Health.aspx](http://us/aap-voices/Pages/Pediatrician-are-the-First-Line-of-Defense-or-Children's-Oral-Health.aspx)

11. El-Dib M, **Aly S**, Govindan R, Mohamed M, du Plessis A, Aly H. Brain Maturity and Variation of Oxygen Extraction in Premature Infants. *Am J Perinatol* 2016 Feb 23 [Epub ahead of print].
12. **Crotty EE**, Meier ER, Wells EM, Hwang EI, Packer RJ. Anaplastic Ependymoma in a Child With Sickle Cell Anemia: A Case Report Highlighting Treatment Challenges for Young Children With Central Nervous System Tumors and Underlying Vasculopathy. *Pediatr Blood Cancer* 2016 Mar; 63(3):547-50.
13. **Kousa YA**, Schutte BC. Toward an Orofacial Gene Regulatory Network. *Dev Dyn* 2016 Mar; 245(3):220-32.
14. Ploutz M, Aliku T, **Bradley-Hewitt T**, Dantin A, **Lemley B**, Gillespie CW, Lwabi P, Sable C, Beaton A. Child and teacher acceptability of school-based echocardiographic screening for rheumatic heart disease in Uganda. *Cardiol Young* 2016 Mar 17: 1-8 [Epub ahead of print].
15. El-Dib M, Govindan R, **Aly S**, Mohamed M, du Plessis A, Aly H. EEG maturation and stability of cerebral oxygen extraction in very low birth weight infants. *J Perinatol* 2016 Apr; 36(4):311-6.
16. **Ortiz MV**, Meier ER, Hsieh MM. Identification and Clinical Characterization of Children With Benign Ethnic Neutropenia. *J Pediatr Hematol Oncol* 2016 Apr; 38(3):e140-3.
17. Yee M, **Shah A**, Anderson AR. Class I and II HLA Antibodies in Pediatric Patients with Thalassemia Major. *Transfusion* 2016 Apr; 56(4):878-84.
18. **Stierman B**. What Does a Teaching Hospital Mean for My Child's Care? *Children's National Parenting Blog*; April 15, 2016. Available at: <http://childrensnational.org/news-and-events/our-blogs/parenting-blog/2016/april/what-does-a-teaching-hospital-mean-for-my-childs-care>
19. **Stierman B**. How Climate Change is Affecting Your Child's Health. *Children's National Parenting Blog*; April 27, 2016. Available at: <http://childrensnational.org/news-and-events/our-blogs/parenting-blog/2016/april/how-climate-change-is-affecting-your-childs-health>
20. **Orrock JE**, Panchapakesan K, Vezina G, Chang T, Harris K, Wang Y, Knoblach S, Massaro AN. Association of Brain Injury and Neonatal Cytokine Response during Therapeutic Hypothermia in Newborns with Hypoxic-Ischemic Encephalopathy. *Pediatr Res* 2016 May; 79(5):742-7.

21. **DesPain AW.** What is Causing This Newborn's Rash? *Consultant for Pediatricians* 2016 May; 15(5):251-2. Available at:  
<http://www.pediatricsconsultant360.com/articles/what-causing-newborn-s-rash/page/0/1>
22. **Moher J, Cecchini C,** Bhansali P. Hepatic Abscess in a Healthy School Aged Girl. *Pediatr Rev* 2016 [accepted, publication pending].
23. **Shah A,** Llanos K, Dougherty D, Cha S, Conway P. State Challenges to Child Health Quality Measure Reporting and Recommendations for Improvement. *Healthcare: The Journal of Delivery Science and Innovation* 2016 [accepted, publication pending].
24. **Neel ML,** Ronis T, Kern J. Diagnostic Dilemma. *Pediatr* 2016 [accepted, publication pending].
25. **Syversen EP,** McCarter R, He J, D'Angelo L, Tuchman LK. Adolescents' Perceptions of Transition Importance, Readiness, and Likelihood of Future Success: the Role of Anticipatory Guidance. *Clin Pediatr* [accepted, publication pending].
26. **Chokshi BD, Schumacher HK, Reese K,** Bhansali P, Kern JR, Simmens SJ, Blatt B, Greenberg LW. A "Resident-as-Teacher" Curriculum Using A Flipped Classroom Approach: Can A Model Designed for Efficiency Also Be Effective? *Acad Med* [accepted, publication pending].

#### **B. Presentations at Major Regional/National/International Meetings:**

1. **Kaviany P,** Parikh K. Skin Deep: Investigations Beyond the Diaper Rash. Oral presentation at the Pediatric Hospital Medicine Conference in San Antonio, TX; July 2015.
2. Davis A, Markowsky A, **Azar J, Neel ML, Duke N,** Levin A. Impact of PEWS Triggered Primary Team Huddle on ICE Transfer and Patient Deterioration. Poster presentation at the Pediatric Hospital Medicine Conference in San Antonio, TX; July 2015.
3. **Smiley Y,** Herrmann L. Fever and Dyspnea in an 11-year-old with Trisomy 21. Poster presentation at the Pediatric Hospital Medicine Conference in San Antonio, TX; July 2015.
4. **Cahill C,** Kern J. If It Isn't Sepsis, What Is It? Poster presentation at the Pediatric Hospital Medicine Conference in San Antonio, TX; July 2015.

5. **Sims A.** Minority Senior Scholarship Program. Oral presentation at the Northeast Regional APPD Conference in Wilmington, DE; August 2015.
6. **Akar-Ghibril N, Abreo A, Shah A, Fadel C.** The Pursuit of Happiness: Achieving Resident Wellness. Oral presentation at the Northeast Regional APPD Conference in Wilmington, DE; August 2015.
7. **Syverson E.** A Comprehensive Approach to Health Care Transitions. Presented at the Mid-Atlantic Regional APPD Conference in Wilmington, DE; August 2015.
8. Postels D, Wu X, Li C, Kaplan P, Seydel K, Taylor T, **Kousa YA**, Opoka R, Birbeck G, John C. Admission EEG findings in African children with cerebral malaria are associated with mortality and morbidity, but not with malarial retinopathy. Platform presentation at the Child Neurology Society Annual Meeting in Washington, DC; September 2015.
9. Markowsky A, **Gordon C**, Davis A. The Role of PEWS in Determining Deterioration in Asthmatics. Poster presentation at the AAP National Conference and Exhibition in Washington, DC; October 2015.
10. **Colella E**, Davis A, Swords K. Improvement in Transitions of Care with the Use of ChronoKair. Poster presentation at the AAP National Conference and Exhibition in Washington, DC; October 2015.
11. **Huff Q.** Poverty and Oral Health. Webinar presentation at the AAP Section on Oral Health in Washington, DC; September 2015.
12. **Abreo A**, Sharma H, Khan S. Eosinophilic Esophagitis in a Racially Diverse Cohort of Children. Poster presented at the North American Society for Pediatric Gastroenterology Annual Meeting in Washington, DC; October 2015.
13. **Waller AC**, Yui Y, Gilchrist N, Huddleston K, Hazrati S, Hourigan S, Niederhuber J. Accuracy of Parentally Reported Weights and Heights at 12 months of age as estimated of Weight-For-Length Percentiles. Poster presented at the North American Society for Pediatric Gastroenterology Annual Meeting in Washington, DC; October 2015.
14. **Cohen N**, Shimony M, Wolfe J. Investigating the Success of Dietary Modification or Medication in Children with Eosinophilic Esophagitis and Minimal Esophageal Eosinophilia. Poster presented at the North American Society for Pediatric Gastroenterology Annual Meeting in Washington, DC; October 2015.

15. **Syverson E**, Conklin L. A Retrospective Analysis of Factors Associated with Hospitalization in Pediatric Patients with Inflammatory Bowel Disease. Poster presented at the North American Society for Pediatric Gastroenterology Annual Meeting in Washington, DC; October 2015.
16. **LeBlanc C**, Wolfe J. Is There Utility in Collecting Separate Duodenal Bulb Biopsy Containers When Celiac Disease is not Suspected. Poster presented at the North American Society for Pediatric Gastroenterology Annual Meeting in Washington, DC; October 2015.
17. **Kousa YA**, Fakhouri WD, Kinoshita A, Roushangar RR, Patel NK, Schutte BC. The TFAP2A-IRF6-GRHL3 Genetic Pathway is Required for Neurulation. Platform presentation at the 9<sup>th</sup> International Conference on Neural Tube Defects in Austin, TX; October 2015.
18. **Romanowicz J**, Korotcova L, Morton P, Cheema A, Gallo V, Jonas RA, Ishibashi N. Treatment with Tetrahydro-biopterin Decreases White Matter Injury in a Mouse Model for In Utero Hypoxia in Congenital Heart Disease. Oral presentation at the American Heart Association Scientific Sessions in Orlando, FL; November 2015.
19. **Lim G**, Mirza N. The Effect of Body Size Awareness on BMI Change in a Pediatric Obesity Intervention. Platform presentation at the APA Region IV Annual Meeting in Charlottesville, VA; February 2016.
20. **Le J**, Melwani A, Khan A. The Impact of a Perioperative Care Clinic on Utilization and Postoperative Outcomes of Medically Complex Pediatric Patients Undergoing Posterior Spinal Fusion. Poster presentation at the APA Region IV Annual Meeting in Charlottesville, VA; February 2016.
21. **Anson E, Robertson K**, Kind T. Characterizing Medical Student Self-Identified Goals for the Pediatric Clerkship. Poster presentations at the Eastern Society for Pediatric Research Annual Meeting (Philadelphia, PA; March 2016) and the PAS Annual Meeting (Baltimore, MD; May 2016).
22. **Anyigbo C**, Davis A. URM Outreach Dinners to Build Supportive Networks. Platform and poster presentation at the APPD National Meeting in New Orleans, LA; March 2016.
23. **Shah A, Abreo A, Akar-Ghibril N**, Shah R. Is the July Effect Real? Pediatric Trainee Medical Errors and Adverse Events at a Large Training Children's Hospital. Poster presentation at the APPD National Meeting in New Orleans, LA; April 2016.
24. **Sims A**, Kind T, Dixon G, DeWolfe C, Davis A. Impact of an Academic Pediatrics Enrichment Experience for Fourth Year Medical Students from Minorities Underrepresented in Medicine. Poster and Platform Presentation

- at the APPD National Meeting in New Orleans, LA; April 2016. Poster presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
25. **Toner K**, Agrawal D, Bhansali P, Shah N. Resident Perspectives of Virtual Simulation in an Online Complex Care Curriculum. Poster presentations at the APPD National Meeting (New Orleans, LA; April 2016) and PAS Annual Meeting (Baltimore, MD; May 2016).
  26. Ottolini M, **Akar-Ghibril N**. Teach and Assess Clinical Reasoning Using Practical, Validated Written and Oral Case Presentation Rubrics: P-HAPEE and PBEAR. Workshop presented at the PAS Annual Meeting in Baltimore, MD; May 2016.
  27. **Meyers A**, Vaidyanathan P, Kaplowitz P. Incidence and Timing of Elevated TSH Found Through Screening of a Large Cohort of Newly Diagnosed Patients with Type 1 Diabetes Over a 12 Year Period and Its Association with Elevated TPO Antibodies. Platform presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
  28. Cooch P, **Agarwal R**. Implementing School-Based Family Reunification and Resiliency Training among Recently Arrived Latino Immigrant Youth. Platform presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
  29. **Dalal N**, **Aljohani N**, **Bradley-Hewitt T**, Harahsheh A. A Pilot Study of Recurrent Cardiology Evaluation for Innocent Heart Murmur: Referral Source and Test Utilization. Poster presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
  30. **Eisensohn H**, Govindan RB, Al-Shargabi T, Metzler M, Andescavage N, Chang T, du Plessis A, Massaro A. Autonomic Dysfunction and Physiologic Response to NICU Care Events in Newborns With Hypoxic Ischemic Encephalopathy (HIE). Poster presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
  31. **Widge A**, **Muradian S**, Boogaard C, Ottolini M, Agrawal D, Hanson J, Lane L, Hamburger E. The Referral and Consultation Process: A Pilot of a Subspecialty Learning Prompt for Pediatric Residents. Poster presentation at the PAS Annual Meeting in Baltimore, MD; May 2016.
  32. **Anderson C**, Lawal N, Pecker L, Perez-Albuerne E, Abraham A. Total Nucleated Cell Concentration Differs By Donor Ethnicity in Allogeneic Hematopoietic Stem Cell Transplantation. Pediatric Bone Marrow Transplant Consortium Meeting in Minneapolis, MN; May 2016.

### C. Grants & Scholarships Awarded:

1. **Greenfield M**, Beers L. American Academy of Pediatrics Community Pediatrics Training Initiative Advocacy Training Grant. Awarded February 2016. \$1,000.
2. **Andrews A**. Peru. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
3. **Chason M**. Peru. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
4. **Ktena Y**. Cyprus. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
5. **Meehan C**. Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
6. **Romanowicz J**. Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
7. **Shay R**. Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
8. **Skalina R**. Baylor Pediatric AIDS Initiative: Malawi. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded March 2016. \$1,000.
9. **Kurdi B**. Travel Grant to attend the Challenges in Pediatrics: Identifying and Managing Growth-Related Issues Seminar at the Pediatric Academic Societies Annual Meeting; Baltimore, MD. Awarded April 2016. \$500.
10. **Chason M**. Travel Grant to attend the Challenges in Pediatrics: Identifying and Managing Growth-Related Issues Seminar at the Pediatric Academic Societies Annual Meeting; Baltimore, MD. Awarded April 2016. \$500.
11. **Kurdi B**. American Thoracic Society: Resident Scholarship to attend the 2016 Resident Book Camp at the ATS International Conference; San Francisco, CA. Awarded May 2016. \$750.
12. **Smiley Y, Orloff K**. American Academy of Pediatrics: 2016 CATCH Resident Grant. Awarded May 2016. \$2,000.
13. **Anyigbo C**. Pediatric Section of the National Medical Association: Billie Wright Adams Scholarship to attend the 114<sup>th</sup> National Medical Association

Annual Convention & Scientific Assembly; Los Angeles, CA. Awarded July 2016. \$1,500.

#### **D. Research Awards:**

1. **Kousa Y.** The TFAP2A-IRF6-GRHL3 Genetic Pathway is Required for Neurulation. Marcy C. Speer Memorial Award for Best Post-Doctoral Paper. Awarded at the 9<sup>th</sup> International Conference on Neural Tube Defects; Austin, TX; October 2015.
2. **Lim G, Mirza N.** The Effect of Body Size Awareness on BMI Change in a Pediatric Obesity Intervention. APA Region IV: Resident Research Award. Awarded at the APA Region IV Annual Meeting; Charlottesville, VA; February 2016.

#### **E. National Leadership Positions:**

1. **Cecchini C.** Elected as the 2016–2017 President of the Resident Division of the American Medical Women’s Association (AMWA).