

Report of Scholarly Activity
Children's National Pediatric Residency Program
2016-2017

A. Publications:

1. **Atwood EC**, Sollender G, Hsu E, Arsnow C, Flanagan V, Celenza J, Whalen B, Holmes AV. A qualitative study of family experience with hospitalization for neonatal abstinence syndrome. *Hospital Pediatrics*. 2016; 6(10): 626-32.
2. Ralston SL, **Atwood EC**, Garber MD, Holmes AV. What works to reduce unnecessary care for bronchiolitis? A qualitative analysis of a national collaborative. *Academic Pediatrics*. 2017; 17(2): 198-204.
3. Pinto NP, **Rhinesmith EW**, Kim TY, Ladner PH, Pollack MM. Long-term function after pediatric critical illness: results from the survivor outcomes study. *Pediatr Crit Care Med*. 2017 Mar;18(3):e122-e130
4. **Jichlinski, A** and Gropman, A. "cerebral palsy" in a patient with arginase deficiency. *Seminars in Pediatric Neurology*. Accepted in March, 2017 and publication pending.
5. Smith AL, **Kousa YA**,* Kinoshita A, Fodor K, Yang B, Schutte BC. Generation and characterization of a conditional allele of *interferon regulatory factor 6*. *Genesis*, 2017. In press. *co-first author
6. **Kousa, YA**,* Mansour TA, Seada H, Matoo S, Schutte BC. Shared molecular networks in orofacial and neural tube development. *Birth Defects Research Part A: Clinical and Molecular Teratology, Special Issue on Neural Tube Defects*, 2016. 10.1002/bdra.23598. *corresponding author.
7. **Kousa, YA**,* Schutte BC. Toward an orofacial gene regulatory network. *Dev Dyn*, 2016. doi: 10.1002/dvdy.24341. *corresponding author.
8. Moher J, **Cecchini C**, Bhansali P. Case 5: Right upper quadrant abdominal pain in an otherwise healthy 8-year-old girl. *Pediatrics in Review*. Apr 2017, 38 (4) 187-188; DOI: 10.1542/pir.2015-0178
9. **Cecchini C**. Ending fever phobia. *Doximity in Op-(m)ed*. May 2017. <https://opmed.doximity.com/ending-fever-phobia-5e750f4a01bd>.
10. Forde C, **Stierman B**, Ramon-Pardo P, dos Santos T, Singh N. Carbapenem-resistant *klebsiella pneumoniae* in Barbados: driving change in practice at the national level. *PLoS One*. 2017 May 25; 12(5): e0176779.

11. **Rechtman L**, Conroy R. Newborn care curriculum: newborn medications. MedEdPORTAL Publications. 2017; 13: 10558.
http://doi.org/10.15766/mep_2374-8265.10568
12. **Banigan M**, Wratney AT. Are doctors and nurses sharing the responsibility for timely and safe weaning of mechanically ventilated pediatric patients? Pediatric Critical Care Medicine 2017 Apr 18 (4): 397-398.
13. **Harmon JL**, Gibbs WS, Whitaker RM, Schnellmann RG, Adkins DL. Striatal mitochondrial disruption following severe traumatic brain injury. J Neurotrauma 2017 Jan 15;34(2):487-494.
14. **Shay, R**, Hoffner, W, Zeltser, D, Mitchell, MA. Neonate with rash and fever. Pediatrics in Review, Visual Diagnosis. Accepted for Publication in December 2016.
15. **Toner K**, Agrawal D, Bhansali P, Shah N. Resident perspectives of virtual simulation in an online complex care curriculum. Academic Pediatrics 2016 Aug 1; 16(6):e13-e14. Published Abstract.
16. Beck J, Kind T, **Meyer R**, Bhansali P. Promoting resident autonomy during family-centered rounds: a qualitative study of resident, hospitalist, and subspecialty physicians. Journal for Graduate Medical Education 2016 Dec; 8(5): 731-738.
17. **Loke YH**, Harahsheh AS, Krieger A, Oliveri L. Usage of 3D models of tetralogy of fallot for medical education: impact on learning congenital heart disease. BioMed Medical Education 2017 March; 17(54).
18. **Shah A**, Jamison M, Otero H, Jung L, Frank L, Guerrera M, Kirkorian Y. A 17-year-old with chest pain. Pediatrics: Diagnostic Dilemmas, 2017 March; 139(3).
19. **Aly S**, Zurakowski D, Glass P, Skurow-Todd K, Jonas R, Donofrio M. Cerebral tissue oxygenation index and lactate at 24 hours postoperative predict survival and neurodevelopmental outcome after neonatal cardiac surgery. Congenital Heart Disease 2016 Oct: 1-9.
20. **Neel ML**, Kern J, Ronis T. A 3-day-old girl referred from her pediatrician for oral ulcerations. Pediatrics: Diagnostic Dilemmas, 2016 Sept; 138(3).
21. **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. Academic Pediatrics 2016 Aug; 16(6): e4. Published Abstract.

22. **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. *Academic Pediatrics* 2016 Aug; 16(6): e49. Published Abstract.
23. **Bradley-Hewitt T**, Dantin A, Ploutz A, Aliku T, Lwabi P, Sable C, Beaton A. The impact of echocardiographic screening for rheumatic heart disease on patient quality of life. *Journal of Pediatrics* 2016 August; 175: 123-129.
24. Liu J, Edgington-Giordiano F, Dugas C, **Abrams A**, Katakam P, Sato R, Saifudeen. Regulation of nephron progenitor cell self-renewal by intermediary metabolism. Accepted to *Journal of American Society of Nephrology* 2017 June; publication pending.

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

1. **Atwood EC**. High Value Care Special Interest Group Session. Improving care for neonatal abstinence syndrome. Oral presentation at Pediatric Academic Societies 2017 in San Francisco, CA.
2. Kilaikode S, **Jichlinski A**, Koumbourlis AC. Recurrent left-sided lung consolidation and pneumonia. Poster presentation at the American Thoracic Society Conference, May 2017.
3. Mulkey, SB, Vezina G, Fourzali Y, Bulas D, Arroyave-Wessel M, Cristante C, Swisher C, **Kousa YA**, Cure C, DeBiasi RL, du Plessis A. Fetal brain MRI In fetuses exposed to zika virus. Platform oral presentation at Pediatric Academic Societies Annual Meeting. San Francisco, CA; May 2017.
4. **Smiley Y, Orloff K**, Beers L, Gremont C. Joyful food markets: An innovative community partnership. Poster presentation at the AAP National Conference and Exhibition in San Francisco, CA; October 2016.
5. **Smiley Y, Sims A**, Barber A, Lichtenstein C. A Targeted intervention to increase awareness of implicit biases in pediatric residents. Poster Presentation at Pediatric Academic Societies Meeting in San Francisco, CA; May 2017.
6. **DesPain AW**. More on bullous impetigo. *CFP* 2016;15(7):346-347.
7. Madrigal V, **Cecchini C, McCabe B**, Lyon M. The Respecting Choices ® interview: Qualitative assessment. Poster presentation at the Pediatric Academic Societies Meeting in San Francisco, California; May 2017.
8. **Cecchini C**, Madrigal V, McCabe B, Lyon M. The Respecting Choices ® interview: Qualitative assessment. Poster presentation at the 6th

- International Conference on Advance Care Planning and End of Life Care in Banff, Alberta, Canada; September 2017.
9. **Cecchini C**, Allard B, Kern J. SLE: Still the great mimicker. Poster presentation at the Pediatric Hospital Medicine 2017 conference in Nashville, Tennessee; July 2017.
 10. **Meehan C**, Suri N, Anjna M. The "strength" in numbers. Poster presentation at the Pediatric Hospital Medicine Conference in Nashville, TN; July 2017.
 11. **Crotty E**, Diab Y, Rood B, Kilburn L, Packer R, Hwang E. Hemorrhagic and ischemic stroke in children with brain tumors: a single-center retrospective study. Poster presentation at the American Society of Pediatric Hematology and Oncology Annual Conference (ASPHO); Montréal, Canada, April 2017.
 12. **Crotty E**, Hwang E, Rood B, Kilburn L, Packer R, Diab Y. Frequency and characteristics of thrombosis in children with brain tumors: a single-center retrospective study. Poster presentation at the American Society of Pediatric Hematology and Oncology Annual Conference (ASPHO); Montréal, Canada, April 2017.
 13. **Almaghraby A**, Vaidyanathan P. Determining incidence of new endocrine late effects in CNS tumor survivors: a review of data from long term follow up clinic for cancer survivors. Poster Presentation at the Endocrine Society meeting in Orlando, Fl, April 2017.
 14. **Newport E**, Mason Martin D, Schmitz K. Knowledge and attitudes of adolescent males towards long-acting reversible contraceptives. Presentation at the Eastern Society of Pediatric Research in Philadelphia, PA; March 2017.
 15. **Lyles J**, Hammer B, Basalyga V, **Stierman B**, Campos J, Singh N. Trend in resistant gram negative organisms in children: role of an antimicrobial stewardship program. Poster presentation at ID Week 2016 in New Orleans, LA; October 2016.
 16. **Traub T**, Said M, Mohamed M, Aly H. Carbon dioxide and retinopathy of prematurity in extremely low birth weight infants. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
 17. **Kadden M**, Shah N, Agrawal D, Sestokas J. Tracheostomy care: efficacy of a blended curriculum with a web-based module and supplemental hands-on simulation training for pediatrics residents. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.

18. **Chason M**, Monaghan M, Wang J, Cheng Y, DeBiasi RL. Symptom resolution in pediatric lyme disease. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
19. **Klein J**, Hermann L, Kern J. National survey of pediatric trainee use of evidence-based medicine resources. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
20. **Younge T**, Soghier L, Tuchman L, Fratantoni K. Socioeconomic differences in parental stress at discharge from the neonatal intensive care unit (NICU). Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
21. **Shay R**, Barber A, Levin A. Watcher assessment events: impact of an acute care unit based escalation team utilizing primary team members. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
22. Falusi O, Dooley D, **Sims A**, Beers L. Integrating hands-on advocacy education training in a pediatric residency curriculum. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
23. **Muradian-Moore S, Widge A**, Boogaard C, Ottolini M, Agrawal D, Hanson J, Lane L, Hamburger E. Implementing and assessing a pediatric curriculum on the referral and consultation process. Poster presentation at Pediatric Academic Societies Annual Meeting in San Francisco, CA; May 2017.
24. **Campbell HE**. MIRM's the word. Clinical Conundrum Poster Presentation at Pediatric Hospital Medicine in Chicago, Illinois; July 2016.
25. Pecker L, **Kappa, S**, Darbari D, Nickel R. Quick start hydroxyurea initiation project (Q-SHIP): targeted education after crisis to increase the use of hydroxyurea in children with sickle cell anemia. Platform presentation at ASPHO 30th Annual Meeting, Quebec, Canada; April 2017

C. Grants & Scholarships Awarded:

1. **Kousa, YA**. Clinical and Translational Science Institute at Children's National Grant for project *"Identification of host genetic factors in congenital zika syndrome."* \$10,200.
2. **Chun C. Thailand**. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.
3. **Bradley-Hewitt T**. Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.

4. **Shaw, R.** Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.
5. **Klein J.** Uganda. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.
6. **Kousa YA.** Egypt. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.
7. **Agrawal R.** Community for Children Border Health Elective, Brownsville, TX. Children's National Pediatric Global Health Fund: Resident International Travel Grant. Awarded May 2017. \$1,000.
8. **Jichlinski, A.** Scholarship to attend the AAP Legislative Conference in Washington, DC; April, 2017
9. **Cecchini C.** American Medical Women's Association. Susan L. Ivey: Courage to Lead Award. Awarded at the AMWA Annual Meeting; San Francisco, CA; March 2017.

D. Research Awards:

1. **Essel K.** Inaugural Innovation Award for Health Care Provider Training & Education for "Health Homes, Healthy Futures, an Obesity-Centered Home Visitation Curriculum for Pediatric Residents at Children's National Health System." Awarded at the Clinton Foundation's Health Matters Activation Summit in Little Rock, AK; April 2017.

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).