

Report of Scholarly Activity
Children's National Pediatric Residency Program
2020-2021

A. Publications:

1. Trombe KSD, Rodrigues LS, **Nascente LMP**, Simoes VMF, Batista RFL, Cavalli RC, Grandi C, Cardoso VC. Is birth weight associated with pregestational maternal BMI? BRISA Cohort, Ribeirao Preto, Brazil. *Braz J Med Biol Res* [Internet]. 2021; 54(1): e10037.
2. Kunisaki SM, Lal DR, Saito JM, Fallat ME, St Peter SD, **Fox ZD**, Heider A, Chan SS, Boyd KP, Burns RC, Deans KJ, Gadepalli SK, Hirschl RB, Kabre R, Landman MP, Leys CM, Mak GZ, Minneci PC, Wright TN, Helmuth MA. Pleuropulmonary Blastoma in Pediatric Lung Lesions. *Pediatrics*. 2021 Mar 24:e2020028357. doi: 10.1542/peds.2020-028357.
3. **Muleta, Hemen.** (2021, March 10). "National Women and Girls HIV/AIDS Awareness Day". DC Health Matters Blog. 2021. <https://dchealthmattersblog.org/national-women-and-girls-hiv-aids-awareness-day/>
4. Chan GJ, Getnet M, **Olowojesiku R**, Min-Swe T, Hunegnaw B, Bekele D. Scoping review protocol on maternal, newborn and child health research in Ethiopia. *BMJ Open*. 2020 Jul 2;10(7):e034307. doi: 10.1136/bmjopen-2019-034307. PMID: 32616486; PMCID: PMC7333800.
5. Jayakody, H.*, **Zarei, S.***, Nguyen, H., Dalton, J., Chen., K., Hudgins, L., Day, J., Withrow, K., Teasley, J., Dobyons, W.B., Mathews, K.D., & Moore, S.A. Cobblestone Malformation in LAMA2 Congenital Muscular Dystrophy (MDC1A). *J Neuropathol Exp Neurol*. 2020 Sep; 79(9): 998-1010. *contributed equally
6. Miller A, **Arichai P**, Gravel C, Vieira R, Neal J, Neuman M, Monuteaux M, Levy J. Use of Cardiac Point-of-Care Ultrasound in the Pediatric Emergency Department. *Pediatric Emergency Care*. 27 Oct. 2020. Volume Publish Ahead of Print - Issue - doi: 10.1097/PEC.0000000000002271
7. **Gallego Clemmons N, O'Neil J.** How Pediatricians can Support Families Returning to the Classroom. American Academy of Pediatrics Council on School Health. February 2021; 12.
8. **Groisser AR**, Reyes Nieva H, Ruan E, Wright A, Schiff GD. Terminations in Primary Care: a Retrospective Observational Study of 16 Primary Care Clinics. *J Gen Intern Med*. 2021 May 4. doi: 10.1007/s11606-021-06793-7. Epub ahead of print. PMID: 33948801.
9. **Michael L**, Gayle T. PAROTITIS, ACUTE AND CHRONIC. In: Mark B. Stephens, Jeremy Golding, Robert A. Baldor, Frank J. Domino. *The 5-Minute Clinical Consult 2022*. USA: Lippincott; 2022: 0-0.
10. **Owotomo O**, Stritzel H, McCabe SE, Boyd CJ, Maslowsky J. Smoking intention and progression from e-cigarette use to cigarette smoking. *Pediatrics*. December 2020; 146(6), e2020002881 DOI: <https://doi.org/10.1542/peds.2020-002881>
11. Yock-Corrales A, Casson N, **Sosa-Soto G**, Orellana RA. Pediatric Critical Care Transport: Survey of Current State in Latin America. Latin American Society of Pediatric Intensive Care Transport Committee. *Pediatr Emerg Care*. 2020 Oct 22. doi: 10.1097/PEC.0000000000002273. Epub ahead of print. PMID: 33105465.
12. Khan, AR, Geraghty JR. *First Aid Clinical Pattern Recognition for the USMLE Step 1*. New York: McGraw Hill; 2021. 1st ed. **Stumbras, K.**, et al. Contributor for Public Health Sciences.
13. **Avakame, E. F.**, October, T. W., & Dixon, G. L. (2021). Antiracism in Academic Medicine: Fixing the Leaky Pipeline of Black Physicians. *ATS Scholar*, ats-scholar.

14. Peir, Gene; **Boggs, Kaitlyn**; Soto, Pelayia; Weinstock, Jered; Sharron, Matthew; Dean, Terry 998: Pediatric Cinnamon Aspiration Causing Severe ARDS Requiring ECMO, *Critical Care Medicine*: January 2021 - Volume 49 - Issue 1 - p 497 doi: 10.1097/01.ccm.0000729880.59501.b1
15. **Cohen AJ**, Shur N, Starin D, MacLeod E, Roshan Lal T, Leon E, Regier DS. Pediatric medical genetics house call: Telemedicine for the next generation of patients and providers. *Am J Med Genet C Semin Med Genet* 2021; 187(1):55-63. doi: 10.1002/ajmg.c.31882.
16. **Duncan F.**, Ferrer K. (2021). Parotitis, Acute and Chronic. In Domino FJ (Ed.), *The 5-Minute Clinical Consult* 2021, Philadelphia: Wolters Kluwer.
17. **Emmanuel M**, Cohen J, Goyal M. "A Worsening Epidemic Looming in the Midst of COVID-19". *Medium Coronavirus Blog*. 12/15/2020. <https://coronavirus.medium.com/a-worsening-epidemic-looming-in-the-midst-of-covid-19-8e589dd9f9e1>
18. **Gennaro E**, Caleb S, Torres R, Alexander-Parrish R, Thoburn E, McLaughlin JM, Fu LY. Parental Beliefs, Logistical Challenges, and Improvement Opportunities for Vaccination among Children Ages 19-35 Months Experiencing Homelessness. *J Pediatr*. April 2021.
19. **Guenther G**, Saidi AM, Izem R, Seydel K, Postels DG. Post-Malaria Anemia Is Rare in Malawian Children with Cerebral Malaria. *Am J Trop Med Hyg*. 2021 Apr 26:tpmd201668. doi: 10.4269/ajtmh.20-1668. Epub ahead of print. PMID: 33901002.
20. **Gross, Sarah Haley**. "National Child Abuse Prevention Month in the Covid Era." *DC Health Matters Blog*. 2021. <https://dchealthmattersblog.org/national-child-abuse-prevention-month-in-the-covid-era/>
21. **Hammond-Jack K**. Get the shot: Information to protect you and your community this flu season. . 2020. <https://dchealthmattersblog.org/get-the-shot-information-to-protect-you-and-your-community-this-flu-season/>
22. Cohen JS, Agbim C, Hrdy M, **Mottla ME**, Goyal MK, Breslin K. Epinephrine autoinjector prescription filling after pediatric emergency department discharge. *Allergy Asthma Proc*. 2021 Mar 1;42(2):142-146.
23. **Roth K**, Brooks J. Serum sickness-like reaction in a child after Portuguese man o'war sting. *Annals of Allergy, Asthma & Immunology*. 2020;125(5):S58. doi: 10.1016/j.annai.2020.08.188.
24. Harahsheh A, Hamburger E, **Saleh L**, Crawford L, Sepe E, Dubelman A, Baram L, Kadow K, Driskill C, Prestidge K, Bost J, Berkowitz D. Promoting Judicious Primary Care Referral of Patients with Chest Pain to Cardiology: A Quality Improvement Initiative. *Med Decis Making*. 2021 Mar 3;272989X21991445. doi: 10.1177/0272989X21991445.
25. Fischer A, Mowrer MC, Shallat S, **Walker L**, Shallat J. Ensuring a Locally Tailored Response to Early Onset Sepsis Screening Meets or Exceeds the Performance of Published Approaches. *Hosp Pediatr*. 2020 Oct;10(10):877-883. doi: 10.1542/hpeds.2020-0153. PMID: 32989003.
26. Howard, Mary Beth, Nichole McCollum, Emily C. Alberto, Hannah Kotler, **Mary E. Mottla**, Laura Tiusaba, Susan Keller et al. "Association of Ventilation during Initial Trauma Resuscitation for Traumatic Brain Injury and Post-Traumatic Outcomes: A Systematic Review." *Prehospital and Disaster Medicine* (2021): 1-6.
27. **Lloyd, Kevin**, et al. "Appendicitis." *Principles and Practice of Pediatric Infectious Diseases (Sixth Edition)*. Elsevier; 2021.
28. **DiGiacomo, Daniel V.**, et al. "Prevalence of gluten-free diet adherence among individuals without celiac disease in the USA: results from the Continuous National Health and Nutrition Examination Survey 2009–2010." *Scandinavian journal of gastroenterology* 48.8 (2013): 921-925.

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

1. **Alsaati NF**, Webber K, Keller MD, Herbert Linda. Mental Health Concerns among Primary Immunodeficiency Patients and their Caregivers. Virtual Poster Presentation, American Academy of Allergy, Asthma & Immunology, February, 2021.
2. **Arichai P, Rosario R, Slamowitz A**, Gordish-Dressman H, Basu S, Kern J, Maxwell A, Abo A. (2021, April 30-June 4). Trainees' Attitude Towards Point-of-Care Ultrasound Training in Pediatric Residency. Virtual Poster Presentation, Pediatric Academic Societies (PAS) meeting, May 2021.
3. **Arichai P, Rosario R, Slamowitz A**, Gordish-Dressman H, Basu S, Kern J, Maxwell A, Abo A. Trainees' Attitude Towards Point-of-Care Ultrasound Training in Pediatric Residency. Virtual Poster Presentation, American Institute of Ultrasound in Medicine (AIUM) 2021.
4. **Boggs, K.**, Goodwin, T., Simpson, J. Residents Want Disaster Medicine Training: Non-virtual Preferred. Virtual Poster Presentation, Association of Pediatric Program Directors (APPD) 2021 Annual Spring Virtual Meeting, March 2021.
5. Ahluwalia, T., Toy, S., Gutierrez, C., **Boggs, K.**, Douglass, K. Feasible and Effective Use of a Simulation-Based Curriculum for Postgraduate Emergency Medicine Trainees in India to Improve Learner Self-Efficacy, Knowledge and Skills. Oral presentation, Society for Simulation in Europe. Virtual, April 2021.
6. Siefman M, **Carter, M**, Fu, L. Attitudes and behaviors of parents with low vs high concern about their child's COVID-19 risk. Virtual Poster Presentation, Pediatric Academic Societies and Academic Pediatric Association Region IV Meeting. 2021.
7. **Carter, M**, Siefman, M, Fu, L. Healthcare Provider Satisfaction with their Practice's COVID-19 Staff Safety Strategies. Virtual Poster Presentation, Academic Pediatric Association Region IV Meeting. 2021.
8. **Daigle, A.**, Pradhan, S., Ahmadzia, H., Quistorff, J., Kapse, K., Limperopoulos, C., Andescavage, N. Assessing Fetal Brain Biochemistry in Growth-Restricted Pregnancies. Virtual Oral Poster Presentation, International Society for Prenatal Diagnosis (ISPD) Annual Conference on Prenatal Diagnosis and Therapy. June 2021.
9. **Idso John**, Shoykhet M. Spatial and Temporal Variability in White Matter Transcriptome After Pediatric Asphyxial Cardiac Arrest. Virtual Poster Presentation, Pediatric Academic Societies (PAS) Meeting, May 2021.
10. **Delaney, Marc A, MD**; Cleveland, Vincent, MS; Mass, Paige, BSc; Capuano, Francesco, PhD; Loke, Yue-Hin, MD; Olivieri, Laura, MD; 4-D Flow CMR Reveals Inefficient PA Flow Correlates with Afterload in Repaired Transposition of the Great Arteries. Poster Presentation at: Annual Scientific Sessions, International Society for Magnetic Resonance in Medicine; 2021 May 15-20; Virtual Conference
11. **Delaney, Marc A, MD**; Mass, Paige, BSc; Capuano, Francesco, PhD; Loke, Yue-Hin, MD; Olivieri, Laura, MD; Novel Characterization of PA Bending, Rather than Stenosis, Detects Increased RV Afterload and is Associated with Increased RV-Mass in the Post-ASO Heart. Poster Presentation and Abstract at: Scientific Sessions, Annual Conference of the American Heart Association; 2020 Nov 13-17; Virtual Conference.
12. **Delaney, Marc A, MD**; Maxwell, Angela, MD; Basu, Sonali, MD. A Brief Educational Intervention in Point of Care Ultrasound (POCUS) is Effective in Sustainably Improving Participant Knowledge and Confidence at the Pediatric Trainee Level. Virtual Flash Talk Presentation, Children's National Hospital Research, Education and Innovation Week Annual Meeting, Washington, DC, 2021.
13. **Duncan F**, Mitchell S, Soutullo O, Coleman L, Tyson C, Godoy L, Long M. Factors Associated With Psychiatric Readmissions in Children and Adolescents. Virtual Poster Presentation, Pediatric Academic Societies (PAS) Meeting, May 2021.

14. **Gennaro, E.**, Caleb, S., Torres, R., Alexander-Parrish, R., Thoburn, E., McLaughlin, J., & Fu, L. Factors affecting vaccine coverage among children experiencing homelessness. Virtual Poster, Academic Pediatric Association Trainee Webinar, July 2020.
15. **Gennaro, E.**, Caleb, S., Torres, R., Alexander-Parrish, R., Thoburn, E., McLaughlin, J., & Fu, L. Factors affecting vaccine coverage among children experiencing homelessness. Virtual Poster Presentation, Pediatric Academic Society (PAS) Meeting, May 2021.
16. **Guenther G**, Saidi A, Izem R, Seydel K, Postels D. Post-malarial anemia is rare in Malawian children with cerebral malaria. Virtual Poster Presentation, Pediatric Academic Societies (PAS) Meeting. May 2021.
17. **Guenther G**, Saidi A, Izem R, Chen X, Seydel K, Postels D. Evaluating for artesunate resistance in Malawian children with cerebral malaria. Highlighted Poster Presentation, Pediatric Academic Societies (PAS) Meeting. Virtual event, May 2021.
18. **Inam, Z.**, Burrell, Aszia, Chaney, H., Sami, I., Koubourlis, A., Freishtat, R., Crandall, K., and Hahn, A. Impact of Antibiotics on the Lung Microbiome and Lung Function in Cystic Fibrosis Patients 1 Year After Hospitalization for an Initial Exacerbation. Virtual Poster Presentation, American Thoracic Society (ATS) 2021 International Conference.
19. **Inam, Z.** (Presenter), Burrell, Aszia, Chaney, H., Sami, I., Koubourlis, A., Freishtat, R., Crandall, K., and Hahn, A. Impact of Antibiotics on the Lung Microbiome and Lung Function in Cystic Fibrosis Patients 1 Year After Hospitalization for an Initial Exacerbation. Presented at American Federation for Medical Research (AFMR) Eastern Regional Meeting April, 2021, virtual presentation.
20. **Kendall M**, Fratantoni K, Walsh H, Soghier L. “Qualitative examination of milestone acquisition in learning neonatal endotracheal intubation.” Virtual Poster Presentation, Pediatric Academic Societies (PAS) Meeting, May 2021.
21. **Kendall M**, Fratantoni K, Walsh H, Soghier L. “Qualitative examination of milestone acquisition in learning neonatal endotracheal intubation.” Virtual Flash Talk Presentation, Children’s National Hospital Research, Education and Innovation Week Annual Meeting, Washington, DC, 2021.
22. Haimowitz R, Halley T, Jhingoeri N, **Kendall M**, Driskill C, Barber A. “Implementation and Outcomes of a Post-Admission Telehealth Hospital Medicine Service.” Virtual Poster Presentation, Pediatric Academic Societies (PAS) Meeting, May 2021.
23. **Owotomo, O.** Cancer and Obesity-Related Healthcare Utilization: National Estimates, 2014-2018. 3rd NCI Symposium on Cancer Health Disparities. Virtual Presentation, CCR Cancer Health Disparities Interest Group. May 25 – 27, 2021.
24. **Roth K, Cline K**, Brooks J, Driskill C, Cheng S, Hamburger E. (2021), “Reducing Overdiagnosis of Penicillin Allergy in a Primary Care Setting”. Virtual Poster Presentation, Pediatric Academic Societies (PAS) Annual Meeting, May 2021.
25. **Roth K, Cline K**, Brooks J, Driskill C, Cheng S, Hamburger E. (2021), “Reducing Overdiagnosis of Penicillin Allergy in a Primary Care Setting”. Virtual Flash Talk Presentation, Children’s National Hospital Research, Education and Innovation Week Annual Meeting, Washington, DC, 2021.
26. **Saleh L**, Hamburger E, Crawford L, Sepe E, Driskill C, Dubelmna A, Baram L, Kadow K, Harahsheh A. Decision Support Tool Reduces Low Probability Cardiology Referrals for Chest Pain from Primary Care: a Quality Improvement Initiative. Virtual Poster Presentation, American Academy of Pediatrics National Conference. 2020.
27. **Shandilya S, Shanklin A**, Siems, A, Bhansali P. Exploring the role of podcasts in resident medical education. Virtual Oral Presentation Presentation, Association of Pediatric Program Directors, 2021 .

28. **Stave EA**, Greenberg L, Hamburger E, Ottolini M, Agrawal D, Lewis K, Barber J, Bost J, Harahsheh AS. An Educational Intervention Utilizing Standardized Patient Encounters to Improve the Communication Skills of Pediatric Residents in Subspecialty Referral. Virtual Poster Presentation, Association of Pediatric Program Directors. 2021.
29. **Stave EA**, Greenberg L, Hamburger E, Ottolini M, Agrawal D, Lewis K, Barber J, Bost J, Harahsheh AS. An Educational Intervention Utilizing Standardized Patient Encounters to Improve the Communication Skills of Pediatric Residents in Subspecialty Referral. Virtual Poster Presentation, Pediatric Academic Societies. May 2021.
30. **Saleh L**, Hamburger E, Crawford L, Sepe E, Driskill C, Dubelman A, Baram L, Kadow K, Harahsheh A. Decision Support Tool Reduces Low Probability Cardiology Referrals for Chest Pain from Primary Care: a Quality Improvement Initiative. Abstract Presentation, American Academy of Pediatrics National Conference. 2020.
31. **Suarez L**, Lawrence C, Eiduson R, Murchison G, Gordon A. Identity-related health risk and protective factors in romantic and sexual relationships. Virtual Platform Presentation, Society of Adolescent Health and Medicine. Baltimore, MD, 2021.
32. **Zarei, S.**, & Mathews, K.D. Commercial RNA Sequencing to Confirm Genetic Diagnosis of 5q Spinal Muscular Atrophy. Virtual Poster Presentation, 16th International Child Neurology Congress/49th Annual Child Neurology Society Meeting. San Diego, CA, 2020 Sept 19-23.

C. Grants & Scholarships Awarded:

1. **Delaney, M.** Children's National Stimulating Access to Research in Residency (CNStARR) Program. February 2020.
2. **Idso, J.** Children's National Stimulating Access to Research in Residency (CNStARR) Program. May 2021.
3. **Patel, D.** Children's National Stimulating Access to Research in Residency (CNStARR) Program. November 2020.
4. **Roth, K.** PAS 2021 Trainee Registration Grant, Pediatric Academic Societies. March 2021. \$140.
5. **Saleh, L.** Children's National Stimulating Access to Research in Residency (CNStARR) Program. April 2020.
6. **Smith, J.** Children's National Stimulating Access to Research in Residency (CNStARR) Program. April 2021.
7. **Sparks, H.** American Academy of Pediatrics, District 3 Resident CATCH grant. \$2000

E. National Leadership Positions:

1. **Owotomo, O.** *Reviewer, Addictive Behaviors.* Reviewed two journal articles from December 2020 - February 2021. "Addictive Behaviors is an international peer-reviewed journal publishing high quality human research on addictive behaviors and disorders since 1975." *Impact Factor: 3.645.*
2. **Sparks, H.** AAP CATCH grant leadership board-District 3 Resident Liaison, 2021-2023.