

Annual Report: Department of Pediatrics

July 1, 2018-June 30, 2019



John C. Duby, MD, FAAP, CPE

Professor and Chair

Department of Pediatrics

Vice President of Academic Affairs and
Community Health

Dayton Children's Hospital

1 Statement from the Chair

The Department of Pediatrics continues its commitment to supporting and advancing high quality undergraduate pediatric medical education, graduate medical education and continuing medical education. 13% of the 108 students in the Class of 2019 entered pediatric residencies and 2% matched in internal medicine/pediatrics. Multiple Department members mentored medical students in career advising and in scholarly activities.

Melissa King, DO received the Excellence in Medical Student Education Award from the Boonshoft School of Medicine, recognizing a decade of sustained commitment to supporting the education of students during their pediatric ambulatory clerkship. Melissa also recently became Board certified in Obesity Medicine.



The Residency program matched 8 Air Force and 8 civilian residents in 2019. Plans for graduates of the residency in 2019 ranged from primary care to hospital medicine to fellowships in endocrinology and neonatology. 100% of residency program graduates who took the pediatrics board exam in fall 2018 passed. The Healer's Art and Finding Meaning in Medicine programs are integrated into the residency program. The residency program's transition to full day continuity clinic was highlighted at the Association of Pediatric Program Director's Spring meeting.

A new primary care center, Dayton Children's Pediatrics, that includes medical student, pediatric, and family medicine clinical experiences, opened on April 30, 2019 in the new Child Health Pavilion at Dayton Children's Hospital. Numerous CME activities were well received and attendance at Pediatric Grand Rounds has increased by 73% compared to 2018 since the transition to midday in January 2019.

After 42 stellar years of leading the primary care practice at Dayton Children's Hospital, Maria Nanagas, MD retired on August 31, 2018.



Maria dedicated herself to caring for the most underserved pediatric populations in the Dayton community while concurrently training over 250 pediatric residents, 500 family medicine residents, and more than 1000 medical students from Wright State University Boonshoft School of Medicine clerkships and residency programs. Many of her students and residents have gone on to careers in community based primary care pediatrics due to her contributions as a role model and mentor. As a

community based medical school, the Boonshoft School of Medicine emphasizes preparing students for primary care, community-based practice. Dr. Nanagas has been a leader in the

pediatric faculty since the very earliest years of the medical school's beginnings.

We have all been inspired by Maria's commitment to serving the neediest and most complex patients, including children and families facing significant social stressors. She has consistently been an early adopter of programs and quality improvement efforts to enhance the quality and breadth of the care offered by her colleagues in the Dayton Children's Hospital primary care clinic as well as in the residents' continuity clinic. She has been a champion for Reach Out and Read, developmental screening, integrating behavioral health into pediatric residency training, and integrating a systematic approach to assessing and intervening for social determinants of health using the Health Leads model.

In addition, she cared for the underserved in multiple sites across the Dayton region, including in migrant farm camps and free clinics.

Maria was recognized for her passion and sustained commitment with the Ohio Chapter of the American Academy of Pediatrics Community Pediatrician of the Year Award, with the Dayton Children's Hospital Child Advocacy Award, and with the American Academy of Pediatrics Job Lewis Smith Award. Recipients of the Job Lewis Smith Award have demonstrated a history of achievement in community pediatric practice, research, advocacy, and training. The award is named for Job Lewis Smith who was one of the founding fathers of the American pediatric society and chief pioneer of American pediatrics.

Sara Guerrero-Duby was recognized by the Center for Disease Control and Prevention as the 2019 Ohio Immunization Champion. This award reflects her career-long dedication to protecting our community's most vulnerable children from preventable infectious diseases.



Under the leadership of Jonathan Thackeray and Jessica Saunders, a Community Health strategic plan was completed and the Center for Community Health and Advocacy within the Dayton Children's Hospital Child Health Pavilion opened on April 30, 2019. The Pavilion is designed to facilitate inter-professional education and practice in primary care pediatrics, including pediatricians, pediatric and family medicine residents, medical students, nursing, social work, and behavioral health providers, with programs to support underserved populations, including those in poverty and those experiencing other social determinants of health, children in foster and kinship care, children with unhealthy weight, and children with medical complexity. The Pavilion includes the Family Resource Connection, which provides service learning experiences to area undergraduate students and AmeriCorps workers, who work with families to link them with community resources to address social determinants of health. The Pavilion also has a teaching kitchen, an emergency food pharmacy, and injury prevention programs.



The Health Professions Affinity Communities (HPAC) program led by Jack Pascoe, MD is in the Center. HPAC works with urban and rural schools to promote interest in health professions by supporting students in developing their own community health projects. The students shared their accomplishments at Southern Ohio Scholars Day at the University of Dayton in March 2019.



The commitment to expanding research within the Department is notable for the appointment of Catherine Sherwin, Ph.D., as Vice Chair for Research and Professor of Pediatrics, funding a Research Scholar, finalizing plans for a centralized Clinical Research Center to open in August 2019 at Dayton Children's Hospital, and a 74% increase in peer reviewed publications over the previous academic year.



Dr. Sherwin completed her PhD in Clinical Pharmacology in the Department of Pediatrics and Women's Health at the University of Otago, Dunedin, New Zealand. Her Postdoctoral training includes a Fellowship in Pediatrics and Child Health at the University of Otago and a Postdoctoral Research Fellowship in the Divisions of Pediatric Rheumatology and Pharmacology at Cincinnati Children's Hospital Medical Center. She joins us after leading the Division of Clinical Pharmacology in the Department of Pediatrics at the University of Utah School of Medicine. Dr. Sherwin's research and expertise is in pharmacokinetic, pharmacodynamic and pharmacogenomic modeling as well as clinical trial simulation. Her research involves understanding the pharmacology of drugs in neonatal and pediatric populations which has allowed her to become an expert in the techniques of pharmacometric modeling and scaling which are crucial for pediatric clinical trials. Dr. Sherwin has specific interests and expertise with numerous drug classes including antibiotics, immunosuppressants, antiepileptics, anesthetic agents and opioids.

She also brings extensive experience in mentoring researchers from many specialties in clinical research as well as clinical pharmacology curriculum development.

Shobhan Vachhrajani, MD, PhD. has joined us as Director of Surgical Research and Associate Professor of Pediatrics in conjunction with his clinical role in Neurosurgery. He will be pursuing a personal research program focused on improving surveillance, diagnosis, therapy, and outcomes of children with traumatic brain injury. He will also provide leadership to and collaboration with our surgical specialists as they embark on their goals of achieving Pediatric Surgery Center and Level I Trauma Center status. Dr. Vachhrajani is a graduate of the University of Saskatchewan College of Medicine, completed his residency in Neurosurgery at the University of Toronto and his fellowship in pediatric neurosurgery at the University of California, San Francisco. He earned his Ph.D. in Clinical Epidemiology at the University of Toronto.



In addition to welcoming Dr. Sherwin and Dr. Vachhrajani, 41 new professional staff joined Dayton Children's.

The Department had 69 peer reviewed publications, 3 book chapters, and 28 abstracts published from July 2018 through June 2019. Department members gave 6 international and 12 national presentations. At the end of June 2019, there were 160 open studies at Dayton Children's, including 27 new studies since July 2018. Fifty-five medical students participated in many of those studies. Twenty-two new quality improvement studies were reviewed by the DCH IRB from July 2018 through June 2019.

Quality Improvement as academic endeavor has been incorporated into the Dayton Children's Intermediate Quality Improvement Course, which graduated its 4th class in 2019.

In the upcoming year, the Department will continue its commitment to advancing and supporting pediatric medical education, research, and community health.

2 Divisions

Name of Division	Division Chief	Faculty
Adolescent and Young Adult Medicine	Heather Stewart, MD	
Allergy/Immunology	David Morris, MD	
		Susan Barde, MD
		Harpinder Kalra, MBBS
		William Parker, MD
Pediatric Anesthesiology	Jacquelyn Morillo-Delerme, MD	
		William Aitchison, MD
		Sean Antosh, MD
		Katherine DeMasie, MD
		Stacy Ferguson, MD
		Jenifer Jewell, MD
		Michael Kallile, MD
		Ryan Mills, MD
		Dora Ngwang, MD
		Brandon Roberts, MD
		Kristen Spisak, MD
		Thomas Taghon, DO
Pediatric Cardiology	Joseph Ross, MD	
		Lubabatu Abdurrahman, MBBS
		Christopher Bugnitz, MD
		Smita Mehta, MBBS
		Elizabeth Mitchell, MD
		Jill Narron, MD
		Michael Ralston, MD
Child Abuse Pediatrics	Kelly Liker, MD	
		Jonathan Thackeray, MD

Name of Division	Division Chief	Faculty
Clinical Research Center	Catherine Sherwin, PhD Shobhan Vachhrajani, MD, PhD	Vice Chair for Research
		Director of Surgical Research
		Karen Herzing, RN
		Adrienne Stolfi, MSPH
		Alexandra Stolfi, RN, MBA, OCN
Community Health	Jonathan Thackeray, MD	
		Jessica Saunders, MPA
Pediatric Critical Care Medicine	Vipul Patel, MD	
		Aniket Joshi, MBBS
		Hemanth Lingadevaru, MBBS, MPH
		Mellissa Mahabee, MD
		Rasika Venkatraman, MBBS
		Michael Vish, MD
Developmental-Behavioral Pediatrics	Eileen Kasten, MD	Amit Vohra, MBBS
		Tahira Adelekan, MD
		Craig Boreman, MD
		John Duby, MD
		Teresa Muterspaw, RN, CPNP
		John Pascoe, MD, MPH
Pediatric Emergency Medicine	Thomas Krzmarzick, MD	Maria Rivera-Amisola, MD
		Raul Chabali, MD
		Dana Drazner, MD
		Dale Evans, MD
		Susan Henry, MD

Name of Division	Division Chief	Faculty
Pediatric Emergency Medicine		Jeremy Larson, MD
		William Matre, MD
		Mark Schaffer, MD
		Lakshmi Vemuru, MBBS
Pediatric Endocrinology	Paul Breyer, MD	
		Susan Almazan, MD
		Stacy Meyer, MD
		Krishnamallika Mutyala, MBBS
		Moira Pfeifer, MD
		Yelena Nicholson, DO
Pediatric Gastroenterology	Michael Bates, MD	
		Sean Bingham, DO
		Jubin Mathews, DO
		Adam Mezoff, MD
		Pramodha Muniyappa, MD
		Ramakrishna Mutyala, MBBS
		Shelly Rustagi, MD
		Shehzad Saeed, MBBS
		Kelly Sandberg, MD
		Kathryn Williams, DO
General Academic Pediatrics	Maria Nanagas, MD	Through 8/31/19
	Sara Guerrero-Duby, MD	Interim, 9/1/18-6/14/19
	Shilpa Sangvai, MD	Beginning 6/17/19
		Craig Chalfie, MD
		James Duffee, MD
		Gregory Eberhart, MD
		Sara Guerrero-Duby, MD
		Melissa King, DO
		John Pascoe, MD, MPH

Name of Division	Division Chief	Faculty
		Jasa Talarico, MD
		Gregory Toussaint, MD
		Lori Vavul-Roediger, MD
		Nora Vish, MD
		Gina Weisblat, PhD
		Zenar Yohannes, MD
		Lisa Ziemnik, MD
Clinical and Molecular/Biochemical Genetics	Marvin Miller, MD	
		John Karl de Dios, MD
		Ekaterini Iordanou, PhD
		Katlin Allsbrook, MS
		Faith Callif-Daley, MS
		Heather Workman, MS
Pediatric Hematology / Oncology	Ayman EL-Sheikh, MD, ChB	
		Lionel Chow, MD, PhD
		Mukund Dole, MBBS
		Jordan Wright, MD
Pediatric Hospital Medicine	Heather Dyer, MD	
		Oluwarotimi Adepoju, MBBS
		Ann Burke, MD
		Merrilee Cox, MD
		Amy Jeffers, MD
		Miriam Lader, MD
		Marc Raslich, MD
		Abigail Riedel, MS, RN, CNP
		Shafee Salloum, MD
		Samantha Sandlin, MD
		Wendla Sensing, DO

Name of Division	Division Chief	Faculty
Pediatric Hospital Medicine		Beth Sullivan, MD
		Danika Svy, MD
		Erica Taylor, MD
		Paige Triplett, DO
		Janet Wasylyshen-Velasco, MD
		Hillary Voss, MD
		Eric Whitney, MD
Pediatric Infectious Diseases	Sherman Alter, MD	
		Ryan Simon, MD
		Jon Woltmann, MD
Healthy Me/Lipid Program	Melissa King, DO	
		Ann Burke, MD
		James Ebert, MD, MBA, MPH
Neonatal-Perinatal Medicine	M. David Yohannon, MD	
		Marc Belcastro, DO
		G. Michael Bixler, MD
		C. Kirby Heritage, MD
		Stephen Hunter, MD
		Lisa Jasin, DNP
		Susan Kern, MSN
		Olutoye Osunbunmi, MBBS, MBA
Neonatal-Perinatal Medicine		Rory Peppard, MD
		Mari Jo Rosenbauer, MS
		Tamisha Samiec, MD
		Ed Spitzmiller, DO
		Shana Thompson, DNP
		Sarah Van Ostrand, DO
Pediatric Nephrology	Abiodun Omoloja, MD	
		Erin Dahlinghaus, MD

Name of Division	Division Chief	Faculty
Pediatric Nephrology		Mauricio Romero Olvera, MD
Child Neurology	Gogi Kumar, MD	
		Rajkumar Agarwal, MD
		Anastazia Agin, MD
		Lucinda Brown, DNP, RN, CNS
		Mahesh Chikkannaiah, MBBS
		Ajay Goenka, MBBS
		Daniel Lacey, MD
		Irma Reyes, MD
		Kallol Set, MBBS
Pediatric Neurosurgery	Kambiz Kamian, MD	
		Robert Lober, MD, PhD
		Shobhan Vachhrajani, MD, PhD
Pediatric Otolaryngology	Ravindhra Elluru, MD, PhD	
		Elizabeth Knecht, MD
Pediatric Pathology	Todd Boyd, DO	
		L. David Mirkin, MD
Child and Adolescent Psychiatry	Virginia Matheson, MD	
		Dean Parmelee, MD
Pediatric Psychology	Gregory Ramey, PhD	
Pediatric Psychology		Mary Beth DeWitt, PhD
		Laura Middleton, PhD
		Jacqueline N. Warner, PhD
Pediatric Pulmonology	Daniel Evans, MD	
		Elizabeth Bacon, DO
		Robert Fink, MD
		Maninder Kalra, MD
		Mark Minor, MD
		Gary Mueller, MD

Name of Division	Division Chief	Faculty
Pediatric Pulmonology		Gary Onady, MD, PhD
		Patrick Sobande, MD
		Stephen Wolf, MD
Pediatric Radiology	Elizabeth Ey, MD	
		Dawn Light, MD, MPH
		John Roebel, MD
Pediatric Rehabilitation Medicine	Michelle Potts, MD	
		Deborah Mowery, MD
Sleep Medicine	Maninder Kalra, MD	
Sports Medicine	Lora Scott, MD	
Transitional Care	Stephen Wolf, MD	
		Cheryl Kuck, MD
		Roshani Agarwal, MD
Wright Patterson AFB	Lauren Wolf, MD	
		Thomas Bertagnoli, DO
		Caitlin Hammond, MD
		Bryan Jacobs, MD
		Michelle Kiger, MD
		Neha Patel, MD
		Paolo Roncallo, MD
		Daniel Schulteis, MD
Voluntary Community Pediatric Faculty		
Efren Aganon, MD	Brian Esselstein, MD	Sylvia Parks, MD
Rogelio Amisola, MD	Matthew Hardwick, MD	Bruce Pasch, MD
Carol Barlage, MD	Melanie Jungblut, MD	Alonzo Patterson, MD
James Bryant, MD	Saraswathi Kalvakota, MBBS	Donald Pelsor, MD
Anne Cata, MD	Bharati Kamdar, MD	David Roer, MD
Vijay Chitkara, MBBS	Azar Kardan, MD	Marie Seiler, MD

Name of Division	Division Chief	Faculty
Nicole Cruz, MD	Amy Keebler Jones, MD	Mahesh Shah, MBBS
Lawrence Daykin, MD	Julia Lamb, MD	William Spohn, MD
Paul Deenadayalu, MBBS	Katherine Lambes, MD	Yamini Teegala, MBBS, MPH
Michelle Dritz, MD	Gerald Molfenter, MD	Thaddene Triplett, MD
Julia Eckert, MD	Robert Myers, DO	Richard Turner, MD
		Gary Youra, MD

3 Teaching

Graduate students, including thesis supervision

DeWitt, M. PSI 9510 Developmental Pediatrics, SOPP

Stewart, H. Didactic and Clinical Teaching, Nurse Practitioner Students

Stolfi, Adrienne ASM 7072 Epidemiology, Spring Semester, 4 Credit Hours

Stolfi, Adrienne ASM 7071 Biostatistics, Fall Semester, 4 Credit Hours

Stolfi, Adrienne SMD 565 Clinical Decision Making (co-instructor)

Undergraduate Medical Education, Boonshoft School of Medicine

Alter, S. Introduction to Clinical Medicine, Year 2 (ICM 2)

Alter, S. Pediatric Clerkship, Year 4

Alter, S. Infectious Disease Elective, Year 4, (Course Director)

Alter, S. Principles of Disease Course, Year 1

Amisola, C. Medical students rotating in Dev Peds Clinic

Burke, A. Medical Student Advisor

Burke, A. Introduction to Clinical Medicine: The Pediatric History

Burke, A. Introduction to Clinical Medicine: The Newborn Exam

Burke, A. Pediatrics Clerkship: Clinical Problems Series

Guerrero-Duby, S. Dayton Children's Pediatrics Pediatric Clerkship Coordinator, 2019

Iordanou, E. Clinical Teaching in Genetics and Clinical Laboratory Science

Kamian, K. Neuroanatomy and Brain Dissection sessions

Kamian, K. Introduction to Clinical Medicine, Year 2

Kamian, K. Neurosurgery elective rotation, Average 6-8 students per year

King, M. Dayton Children's Pediatrics Pediatric Clerkship Coordinator, 2018

Joshi, A. Respiratory Failure. Acute Care Symposium 2018

King, M. Pediatric Medication Taste Testing in Pediatric Clerkship

Kumar, G. Clinical Teaching in Neurology Clerkship

Sandberg, K. Mentoring in research, quality improvement, career planning, and clinical teaching

Stewart, H. Adolescent Development lecture and LGBTQ seminar and panel

Stewart, H. Clinical Teaching in Adolescent Medicine Elective

Set, K. Seizures and Abnormal Movements in Pediatric Clerkship

Vish, N. WrightQ curriculum

Vohra, A. Clinical Teaching Pediatric Critical Care

Whitney, E. Didactic and Clinical Teaching in General Pediatrics and Hospital Medicine

Graduate Medical Education

Boonshoft School of Medicine Integrated Pediatric Residency Training Program

Alter, S. Infectious Disease Elective, (Course Director)
Alter, S. CNS Infections, Acute Care Symposium 2018
Amisola, C. Chair, Behavioral/Developmental Resident Education Committee
Bacon, E. Clinical Teaching in Pulmonology
Bates, M. Gastroenterology Emergencies. Acute Care Symposium 2018
Bates, M. Pediatric GI Board Pearls 2019
Breyer, P. Endocrinology Emergencies. Acute Care Symposium 2018
Burke, A. Pediatrics Residency, multiple lectures, workshops per year teaching
Chow, L. Clinical Teaching in Hematology/Oncology
Duby, J. Monthly Developmental-Behavioral Pediatrics Case Conference
Guerrero-Duby, S. Interim Director and Preceptor, Pediatric Residents' Continuity Clinic
Iordanou, E. Clinical teaching in Genetics and Clinical Laboratory Science
Kamian, K. Didactics in Neurosurgery Topics
Larson, J. Morbidity and Mortality Conference faculty mentor
King, M. Pediatric Residency Program Continuity Clinic Preceptor 2018
Kumar, G. Acute Neurologic Emergencies. Acute Care Symposium 2018
Kumar, G. Clinical Teaching in Child Neurology for pediatric and neurology residents
Matheson, G. and Smith A. Acute Care Issues in Psychiatry. Acute Care Symposium 2018
Mueller, G. Status Asthmaticus. Acute Care Symposium 2018
Narron, J. Acquired Heart Disease in Children. Acute Care Symposium 2018
Omoloja, A. Clinical Teaching in Nephrology
Pascoe, J. Clinical Teaching in General and Behavioral Pediatrics
Pena-Almazan, A. Didactics, Adrenal and Thyroid Disorders
Pfeifer, M. Management of Acute Diabetes, Acute Care Symposium 2018
Romero, M. Acute Renal Failure. Acute Care Symposium 2018
Ross, J. Childhood Cardiac Arrhythmias. Acute Care Symposium 2018
Sandberg, K. Clinical Teaching in Gastroenterology
Saunders, J. Advocacy 101 for Residents, Dayton Children's Hospital, October 2018
Set, K. Didactics in Movement Disorders, 2019
Stewart, H. Clinical Teaching in Adolescent Medicine
Triplett, P. Finding Meaning in Medicine Facilitator
Vachhrajani, S. Head Trauma. Acute Care Symposium 2018
Vish, M. Sepsis/Pediatric Shock. Acute Care Symposium 2018
Vohra, A. Pediatric Critical Care Faculty
Vohra, A. Mock Code Simulation
Vohra, A. Pediatric Fundamental Critical Care Support Instructor
Von Ostrand, S. Neonatal Emergencies, Acute Care Symposium 2018
Whitney, E. Didactic and Clinical Teaching in General Pediatrics and Hospital Medicine

Boonshoft School of Medicine Family Medicine Residency Training Program

Burke, A. Family Medicine Residency, Pediatrics Site

Yohannes, Z. Director and Attending Physician, Dayton Children's Pediatrics

Boonshoft School of Medicine Neurology Residency Training Program

Kamian, K. Clinical teaching in Pediatric Neurosurgery

Kumar, G. Site Director and Clinical Teaching in Child Neurology

Kettering Health Network Family Medicine Residency

Yohannes, Z. Director and Attending Physician, Grandview Hospital Family Practice Out-Patient Pediatrics

Kettering Health Network Neurology Residency

Kumar, G. Site Director and Clinical Teaching in Child Neurology

Continuing Education and Quality Improvement

Alter, S. Chair, Continuing Medical Education Committee, Dayton Children's Hospital

Chikkannaiah, M. Course Director, Pediatric Neuroscience Symposium, Dayton Children's Hospital

Sandberg, K. Course Director and Participant Mentor, Intermediate Quality Improvement Course, Dayton Children's Hospital

Sandberg, K. Physician Lead, ImproveCareNow, Dayton Children's Hospital

4 Scholarly Activity

Grants:

1. **Peña-Almazan, S.** Dayton Children's Hospital Type 1 Diabetes Clinic: Transition to Adult Care. Dayton Children's Hospital Research Foundation. August 2017-Aug 2019, \$40,000
2. **Zink T**, Colon R, Zyrd T, **Burke AE**. ACT-Wright: Accelerating primary Care Transformation at Wright State University Boonshoft SOM. Health Resources and Services Administration (HRSA) 2.5 million dollar award over five years. 2016-2021
3. Gifford K, **Burke AE**, Reed S, Thoreson L, Lockwood L, Mahan J. Using text messaging to help learners develop self-regulated learning skills. Association of Pediatric Program Directors (APPD) Special Project Recipient. \$9,996.00 March 2019
4. Kalra, M. Computational Fluid Dynamics Modeling of Airway MRI to Predict Obstructive Sleep Apnea Surgical Outcomes in Obese Children. Dayton Children's Hospital foundation research grant **Kalra(PI)** 10/2017-10/2019, \$40,000
5. Sheth, A (PI), Kalra, M. kHealth: Semantic Multisensory Mobile Approach to Personalized Asthma Care. 1R01HD087132-01 (NIH/PTCIB) 07/2016 – 06/2019, \$945,000
6. Kumar, G. Local PI. GSK3b in Myotonic Dystrophy type 1. National Institutes of Health. 82,000 dollars per year for 3 years.
7. Miller M. - Principal Investigator. Ohio State Genetics Service Grant, Ohio State Department of Health July 1, 2018 - June 30, 2019 \$225,000
8. Sandberg, K. ImproveCareNow Parent Innovation grant. Competitive award for the creation of a shared decision making tool for ostomy surgery candidates and their families – 9/2018 - present
9. Sherwin, CMT. Co-Investigator. Pharmacokinetics and Pharmacodynamics of Budesonide with Intratracheal Surfactant Administration in Preterm Infants <29 Weeks Gestational Age. Children's Hospital Research Institute of Manitoba, Canada – 08/01/16 - present
Principal Investigator: Geert 't Jong
10. **Sherwin, CMT**. Pharmacometrician PK Study of L-Citrulline In Human Infants with BPD, NIH R34 – 03/01/18 – present Principal Investigator: Candice D. Fike
11. **Thackeray, J**; GRC Task Order ODM201845; Government Resources Center; Funding to provide partial salary support as PI for Wright State University. The 2018 Ohio Medicaid Group VIII Study is a follow-up to the 2016 Ohio Medicaid Group VIII Study and will examine enrollment and dis-enrollment patterns among the ACA-associated Medicaid enrollees, factors associated with these enrollment patterns, and the extent to which Group VIII Medicaid enrollment has translated into improvements in health, economic stability, and workforce participation; 2018 Principal Investigator; \$16,500
12. **Vachhrajani, S**. Defining the operating characteristics of near-infrared spectroscopy in the diagnosis of pediatric traumatic intracranial hemorrhage. Dayton children's hospital Research Foundation, 2018-2020, \$40,000.

Publications:

1. Watson C, Sivaswamy L, **Agarwal R**, Du W, Agarwal R. Functional Neurologic Symptom Disorder in Children: Clinical Features, Diagnostic Investigations, and Outcomes at a Tertiary Care Children's Hospital. *J Child Neurol*. 2019 May;34(6):325-331. doi: 10.1177/0883073819830193. Epub 2019 Feb 28. PMID: 30819032
2. Sen K, Hicks MA, Huq AHM, **Agarwal R**. Homozygous TANGO2 Single Nucleotide Variants Presenting with Additional Manifestations Resembling Alternating Hemiplegia of Childhood-Expanding the Phenotype of a Recently Reported Condition. *Neuropediatrics*. 2019 Apr;50(2):122-125. doi: 10.1055/s-0038-1677514. Epub 2019 Jan 16. PMID: 30650451
3. Cohen A, **Agarwal R**, Farooqi A, Kannikeswaran N. Is Shunt Evaluation Useful in Children With Intraventricular Shunts With Seizures? *Pediatr Neurol*. 2018 Nov;88:59-64. doi: 10.1016/j.pediatrneurol.2018.08.005. Epub 2018 Aug 10. PMID: 30327239
4. Motoi H, Miyakoshi M, Abel TJ, Jeong JW, Nakai Y, Sugiura A, Luat AF, **Agarwal R**, Sood S, Asano E. Phase-amplitude coupling between interictal high-frequency activity and slow waves in epilepsy surgery. *Epilepsia*. 2018 Oct;59(10):1954-1965. doi: 10.1111/epi.14544. Epub 2018 Aug 26. PMID: 30146766
5. Battista C, Wild C, Kreul S, **Albert M**. Prevention of Proximal Junctional Kyphosis & Failure Using Sublaminar Bands in a Hybrid Construct in Pediatric Kyphosis Deformity. *Int J Spine Surg*. 2018 Dec 21;12(6):644-649. doi: 10.14444/5080. eCollection 2018 Dec. PMID: 30619666
6. **Alter SJ**, Sanfilippo CM, Asbell PA, DeCory HH. Antibiotic Resistance Among Pediatric-Sourced Ocular Pathogens: 8-Year Findings From the Antibiotic Resistance Monitoring in Ocular Microorganisms (ARMOR) Surveillance Study. *Pediatr Infect Dis J*. 2019 Feb;38(2):138-145. doi: 10.1097/INF.0000000000002206. PMID: 30281547
7. Cairo SB, **Aranda A**, Bartz-Kurycki M, Baxter KJ, Bonasso P, Dassinger M, Deans KJ, Dorey D, Emengo P, Fialkowski E, Gayer C, Gonzales B, Gusman N, Hawkins RB, **Herzing K**, Huang E, Islam S, Jancelewicz T, Landman MP, Lally KP, Leshner A, Minneci PC, Raval MV, Russell R, Shah S, Slater B, Schoel LJ, Peter SS, Sujka J, Waterhouse J, Rothstein DH; Pediatric Surgery Research Collaborative (PedSRC). Variability in perioperative evaluation and resource utilization in pediatric patients with suspected biliary dyskinesia: A multi-institutional retrospective cohort study. *J Pediatr Surg*. 2019 Mar 2. pii: S0022-3468(19)30190-3. doi: 10.1016/j.jpedsurg.2019.02.049. [Epub ahead of print] PMID: 30885555
8. Nisly D, **Barnett S**, **Herzing K**, **Aranda A**. Concurrent testicular torsion and acute incarcerated inguinal hernia in an adolescent boy. *BMJ Case Rep*. 2018 Oct 27;2018. pii: bcr-2018-227087. doi: 10.1136/bcr-2018-227087. PMID: 30368478
9. Chiang JCH, Harreld JH, Tanaka R, Li X, Wen J, Zhang C, Boué DR, Rauch TM, **Boyd JT**, Chen J, Corbo JC, Bouldin TW, Elton SW, Liu LL, Schofield D, Lee SC, Bouffard JP, Georgescu MM, Dossani RH, Aguiar MA, Sances RA, Saad AG, Boop FA, Qaddoumi I, Ellison DW. Septal Dysembryoplastic Neuroepithelial Tumor: A Comprehensive Clinical, Imaging, Histopathologic and Molecular Analysis. *Neuro Oncol*. 2019 Feb 6. doi: 10.1093/neuonc/noz037. [Epub ahead of print] PMID: 30726976

10. Cushing CC, Fedele DA, **Brannon EE**, Kichline T. Parents' Perspectives on the Theoretical Domains Framework Elements Needed in a Pediatric Health Behavior App: A Crowdsourced Social Validity Study. *JMIR Mhealth Uhealth*. 2018 Dec 21;6(12):e192. doi: 10.2196/mhealth.9808. PMID: 30578173
11. Lee M, **Breyer PR**, **Pascoe JM**. Children's Age, Family Conflict, and Children's HbA1c: Are Girls and Boys Different? *South Med J*. 2019 Jan;112(1):16-20. doi: 10.14423/SMJ.0000000000000912. PMID: 30608625
12. **Christoff P**. Running PDSA cycles. *Curr Probl Pediatr Adolesc Health Care*. 2018 Aug;48(8):198-201. doi: 10.1016/j.cppeds.2018.08.006. Epub 2018 Sep 27. PMID: 30270135
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14. **Cox M**, **Sandberg K**. Modeling Causal Relationships in Quality Improvement. *Curr Probl Pediatr Adolesc Health Care*. 2018 Jul;48(7):182-185. doi: 10.1016/j.cppeds.2018.08.011. Epub 2018 Sep 11. PMID: 30213527
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Books, chapters, reviews

1. **Thackeray J**, Benzinger E, Makoroff K. (2019). "The Role of Forensic Materials in Sexual Abuse and Assault" in *Child Abuse Medical Diagnosis and Management*, 4th Edition, Laskey A, Sirotnak A (eds), American Academy of Pediatrics
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Published abstracts

1. Wozniak RA, Gearinger M, **Alter SJ**. Antibiotic resistance among ocular bacterial pathogens from pediatric patients. Proceedings of the Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus. San Diego, CA. March 2019.
2. Li ST, Trimm F, **Burke AE**, Guillot A, Guralnick S, Mahan J, Schwartz A, Tancredi D, Gifford K. *Platform Presentation*. Program director minimum milestone expectations of pediatric residents before ready to supervise others and before graduation. Pediatric Academic Societies Meeting. Baltimore MD. April 29, 2019
3. Li ST, Trimm F, **Burke AE**, Guillot A, Guralnick S, Mahan J, Schwartz A, Tancredi D, Gifford K. Program director minimum milestone expectations of pediatric residents before ready to supervise others and before graduation. APPD National Meeting. New Orleans, LA. March 29, 2019.
4. Kiger M, Bertagnoli T, Bautista E, Fairman K, Hammond C, Dickey K, Uijtdehaage S, Dong T, Varpio L, Meyer H, **Burke AE**. Full-day continuity clinics: resident and attending perspectives on work balance, patient ownership and continuity of care. APPD National Meeting. New Orleans, LA. March 29, 2019.
5. Fairman K, Lader M, Bertagnoli T, Bautista E, Stolphi A, Andarsio E, **Burke AE**. A program's experience with Healer's Art: Fostering compassionate healing and human connection. APPD National Meeting, **Platform Presentation**. New Orleans, LA. March 29, 2019.
6. **Eberhart, G., Stolfi, A., Pascoe, J.** The Plight of Underinsurance for Children with Fair to Poor Health. Pediatric Academic Societies, Baltimore, MD, 2019
7. **Herriman, R., Stolfi, A., Pascoe, J.** Correlates of Sleep Problems in Young Children in Primary Care. Pediatric Academic Societies, Baltimore, MD, 2019
8. **Jeffers, A., Buckles, B. Coogle, L., Sit, W.** Quality Improvement: Improving Discharge Communication. Pediatric Academic Societies, Baltimore, MD, 2019
9. **Kalra, M.** kHealthDash: Knowledge-enabled Personalized DASHboard for Asthma Management. American College of Allergy and Immunology annual meeting, October 2018, Poster Discussion Session.
10. **Miller, M.** Severe Hyperglycemia Mimicking Abusive Head Trauma. Pediatric Academic Societies, Baltimore, MD, 2019
11. **Mutyala, Krishnamallika.** Type 1 diabetes (T1D) incidence trends in Utah among children less than age 19 years from 2001 to 2015. Pediatric Academic Societies, Baltimore, MD, 2019
12. **Mutyala, Krishnamallika.** Management of Children with Severe Diabetic Ketoacidosis Outside an Intensive Care Unit. Pediatric Academic Societies, Baltimore, MD, 2019
13. Adler J, Gebremariam A, Elder SJ, Singer AA, Bass L, Lewis JD, Picoraro JA, Sandberg KC, Moran CJ, Neef HC, **Saeed S**, Goyal A, Rosh J, moncion I, French KR, Busvaros A, Zacur G. Validation of a New Physician Global Assessment Colonoscopy Score (PGA-CS) for Pediatric Crohn's disease. 2nd Annual Crohn's Colitis Congress, Feb 7-9th, 2019, Las Vegas, NV
14. Adler J, Gebremariam A, Eder SJ, French KR, Singer AA, Lewis JD, **Sandberg KC**, Picoraro J, Moran CJ, Goyal A, Rosh J, Bousvaros A, Zacur GM. "Validation of a New Global Assessment Colonoscopy Score (PGA-CS) for Pediatric Crohn's Disease" Poster presentation at Crohn's and Colitis Congress, Las Vegas, NV, February 7-9, 2019.
15. Smits, A., Liu, X., Wang, Y., Renard, M., Wead, S., Kagan, R.J., Healy, D.P., De Cock, P., **Sherwin, C.M.**, Allegaert K. (2019). Disease condition affects amikacin pharmacokinetics and dosing in children [Abstract]. (PAS) Annual Meeting 2019, Baltimore, MA

16. Rashid, R., Kumar, S.S., Sinha, M., Hillard, M.A., Liu, X., Russell, S.J., **Sherwin, C.M.** Population pharmacokinetics of subcutaneously- and intradermally-administered glucagon in type 1 diabetic patients [Abstract]. AAPS 2019 PharmSci 360, San Antonio, TX
17. Liu, X., Smits, A., Wang, Y., Renard, M., Wead, S., Kagan, R.J., Healy, D.P., De Cock, P., Allegaert, K., **Sherwin, C.M.** (2018). Disease condition affects amikacin pharmacokinetics and dosing in children [Abstract]. European Academy of Pediatric Societies (EAPS) Paris, France
18. Balch, A.H., Wilkes, J., Olson, J., Thorell, E.A., Pavia, A.T., **Sherwin, C.M.**, Enioutina, E.Y. (2018). IVIG use in pediatric cancer patients [Abstract]. (ACCP) Annual Meeting, Bethesda, MD
19. Kumar, S.S., Liu, X., Illamola, S.M., Rashid, J., Job, K., Balch, A., Rower, J., Sherbotie, J., **Sherwin, C.M.** (2018). Tacrolimus population pharmacokinetics in paediatric kidney transplant patients [Abstract]. PAGE 27. Population Approach Group in Europe. Abstr 8791 [www.page-meeting.org/?abstract=8791], Montreux, Switzerland
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22. Biltaji, E., Biskupiak, J.E., **Sherwin, C.M.**, McMillin, G.A., Brixner, D.I. (2018). Optimizing the value of pharmacogenetic risk screening among patients with polypharmacy: A healthcare system experience [Abstract]. Academy of Managed Care Pharmacy (AMCP) 2018, Boston, MA
23. Tak, C.R., Kim, J., Gunning, K., Ruble, J., **Sherwin, C.M.**, Nickman, N.A., Biskupiak, J. (2018). Effect of a Prescription Order Requirement for Pharmacist-Administered Vaccination on Zoster Vaccination Rates [Abstract]. Academy of Managed Care Pharmacy (AMCP) 2018, Boston, MA
24. Rashid, J., Vaughns, J.D., Williams, E.F., Liu, X., van den Anker, J., **Sherwin, C.M.** (2018). Population Pharmacokinetic Analysis of Enoxaparin in Obese Adolescents undergoing Bariatric Surgery [Abstract]. (AAPS), San Diego, CA
25. **Stefko, J., Stolfi, A., Pascoe, J.** Are Children's Strengths and Difficulties Related to Their Chronic Health Conditions? Pediatric Academic Societies, Baltimore, MD, 2019
26. **Vish, N.** The Effect of Emotional Health on Health Care Utilization and Missed School Days Amongst U.S. Children. Pediatric Academic Societies, Baltimore, MD, 2019

Significant Presentations

VISITING PROFESSORSHIPS

Duby, JC. McKay Visiting Professorship, University of Vermont Department of Pediatrics, Burlington, Vermont, September 23-26, 2018

- Approaching Adolescent Depression, Pediatric Residency Conference
- Managing Common Behavior Problems in a 15 Minute Visit, Pediatric Residency Conference
- Abnormal Developmental Screening: Next Steps, Pediatric Residency Conference
- Helping Children Flourish in Today's World, Department of Pediatrics Grand Rounds

INTERNATIONAL PRESENTATIONS

1. **Set, K.** Pediatric Movement Disorders. Institute Of Child Health, Kolkata, India. January, 2019.
2. **Sherwin CM.** How to select datasets for external evaluation, Use of modeling in all stages of life. European society for developmental perinatal and paediatric pharmacology (ESDPPP), 2019, Basel, Switzerland
3. **Thackeray, J.** Abusive Head Trauma Keynote Presentation. Columbus Medical Group – Medical Seminar to Meir Medical Center, Tel Aviv, Israel. 2019
4. **Thackeray, J.** Evaluation and Care of Children in Foster Care. Inter-CAP: An International Course on Child Abuse Pediatrics, Vienna, Austria. 2019
5. **Thackeray, J.** Sentinel Injuries. Inter-CAP: An International Course on Child Abuse Pediatrics, Vienna, Austria. 2019
6. **Thackeray, J.** Medical Child Abuse. Inter-CAP: An International Course on Child Abuse Pediatrics, Vienna, Austria. 2019

NATIONAL PRESENTATIONS

1. **Bates, M. de Dios, K. Soldes, O.** Congenital Absence of the Gallbladder in a Newborn with VACTERL Association. Submitted for the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, 2019.
2. McNeal-Trice K, Poynter S, Ponitz K, Chawla E, DiPace J, McPhillips H, **Burke AE**, McPhillips H, Zenel J. Innovative Curricula for Teaching Pediatric Residents/Fellows Behavioral and Mental Health. Workshop at Association of Pediatric Program Directors Annual Meeting. New Orleans, LA. March 29, 2019.
3. Michaiel, G., D. Strother, N. Gottardo, U. Bartels, H. Coltin, D.D. Eisenstat, J. Hukin, D.L. Johnston, B. Wilson, S. Zelcer, J.R. Hansford, O. Wells, M.S. Abde Baki, M.H. Abu-Arja, K.A. Cole, G. Dhall, P.G. Fisher, L. Hoffman, S.E.S. Leary, E.E. Owens Pickle, N.P. Smiley, A. Smith, A. Vinitzky, N.A. Vitanza, A. Wright, K.K. Yeo, **L.M.L. Chow**, M. Kirby, S. Valvi, M.I. Vanan, G. Wong, D. Ziegler, E. Bouffet and L. Lafay-Cousin. Intracranial growing teratoma syndrome (IGTS): An international retrospective study. Oral presentation at the 18th International Symposium on Pediatric Neuro-Oncology, Denver, CO, July 2018.
4. Fuller, C., A. Schafer, D. Boue, D. Osorio, J. Finlay, S. Rush, E. Wright, L. Hoffman, N. Yanez-Escorza, J. Reuss, T. Hummel, R. Salloum, **L.M.L. Chow**, M. DeWire, P. de Blank, C. Stevenson, R. Drissi and M. Fouladi. Temporal genomic heterogeneity in pediatric low-grade gliomas. Oral presentation at the 18th International Symposium on Pediatric Neuro-Oncology, Denver, CO, July 2018
5. Cavalier, A., **Kamian K., Lober, R., Vachhrajani S.** Spinal Subdural Hematoma in Non-Accidental Trauma: Common but Unexplained. American Association of Neurological surgeons, San Diego, CA, April 2019.
6. **Kumar, G.** Utility of a pediatric headache infusion service in preventing ED visits and inpatient admissions : Child Neurology Society Annual Meeting, October, 2018, Chicago
7. **Saunders J, Thackeray J.** Clinical/Community Collaboratives: Four Things We Wish We Knew Going In. Root Cause Coalition Third Annual National Summit on the Social Determinants of Health, New Orleans, Louisiana 2018
8. **Saunders J.** Using community health workers to bridge the clinical with the community. Children's Hospital Association Community Health Meeting, Washington DC 2019
9. Baker C, **Thackeray J.** Sentinel Injuries and the Timely Recognition of Abusive Injuries Quality Improvement Collaborative. Casey Family Programs Safety Convening, Phoenix, Arizona 2018

10. **Thackeray J.** Bridging the Clinical and the Community. Association of Community Health Improvement Children's Hospitals Pre-Conference Session, Atlanta, Georgia, 2018
11. Waker CA, **Dole M, Wright J, El-Sheikh A, Vachhrajani S., Kamian K, Lober R.** Pediatric Meningioma: A National Cancer Center Database Analysis, AANS/CNS Pediatrics Section, Nashville, TN December 2018
12. Vohra, A. Tale of three cities: Variation in sedation service lines. Society For Pediatric Sedation Conference, Aurora, Colorado. May 20-22, 2019

REGIONAL PRESENTATIONS

1. **Duby, JC.** Marty Michaels Memorial Advocacy Lecture, Pediatrics on the Parkway, Georgia Chapter, American Academy of Pediatrics, Atlanta. Georgia, September 15, 2018
2. **Duby, JC.** New Developments in Autism Spectrum Disorder. MetroHealth Medical Center Department of Pediatrics Grand Rounds, Cleveland Ohio, January 31, 2019
3. **Kumar, G.** Ohio Association of School Nurses Annual Conference, Dayton, OH March 2019
4. **Stewart, H.** Supporting Our Gender and Sexual Minority Youth in Schools. Southwest Ohio Nurse's Association, October 2018
5. **Stewart, H.** Confidentiality to Consent: Sexual health considerations for youth. Ohio Association of School Nurses annual meeting, Dayton, Oh. March 2019
6. **Thackeray J, Saunders J.** Keynote Address: Reinventing the Path to Children's Health, Warren County Summit for Services & Programs for At-Risk Kids & Youth, Lebanon, Ohio, 2019
7. **Thackeray, J.** Safe Environment for Every Kid, Presented as part of the Ohio Chapter of the American Academy of Pediatrics Maintenance of Certification Collaborative, Columbus, Ohio
8. **Thackeray, J.** Grand Rounds – Opioids: The Good, The Bad, and The Ugly, Akron Children's Hospital, Akron, Ohio
9. **Thackeray, J.** Keynote Address – 24th Annual Celebrate Kids! Conference, Opioids: The Good, The Bad, and the Ugly, Columbus, Ohio
10. **Thackeray, J.** Sentinel Injuries (TBD), Primary Children's Hospital, Salt Lake City, Utah
11. **Thackeray, J.** Thackeray J. Sentinel Injuries in Infants, Northeast Ohio Regional Training Center, Akron, Ohio, 2018
12. **Thackeray J.** Abusive Head Trauma, Northeast Ohio Regional Training Center, Akron, Ohio, 2018
13. Barksdale E, Kelleher K, Spaulding S, **Thackeray J.** Member of Healthcare Panel for Vote for Ohio's Kids Gubernatorial Forum, Columbus, Ohio 2018
14. **Thackeray J.** Sentinel Injuries in Infants, Southeast Ohio Regional Training Center, Athens, Ohio, 2018
15. **Thackeray J.** Abusive Head Trauma, Southeast Ohio Regional Training Center, Athens, Ohio, 2018

LOCAL PRESENTATIONS

1. **Agarwal, Rajkumar.** Diagnosis of epilepsy in children: pearls and pitfalls. Pediatric Neuroscience Symposium. Dayton Children's Hospital, November 2, 2018
2. **Alter, S.,** Zegarski, K., Linegang, B. Infection Control in the Ambulatory Setting. Grand Rounds, Dayton Children's Hospital, September 19, 2018
3. **Bates, M. and Mutyala, Ramakrishna.** Constipation Co-Management Program, Dayton Children's Health Partners, February 14, 2019
4. **Boreman, C.** Therapeutic Use of Augmented Reality for Autism. Grand Rounds, Dayton Children's Hospital, February 9, 2019.
5. **Chow, L.** Pediatric brain tumors: Entering the molecular age" – Pediatric Neuroscience Symposium; Dayton Children's Hospital, Dayton, OH – Nov 2, 2018
6. **Cox, M.** The Line between CLABSI and VTEs. Grand Rounds, Dayton Children's Hospital, May 8, 2019.
7. **Duby, J.** Brain Development and Resiliency, Making Connections: 10th Annual Readiness Summit, Learn to Earn Dayton, Dayton, Ohio, March 8, 2019
8. **Duffee, J.** Medical Legal Partnerships to Address Guardianship Challenges. Grand Rounds, Dayton Children's Hospital, March 6, 2019.
9. **Ebert, J.** Update on Familial Hypercholesterolemia in Children. Grand Rounds, Dayton Children's Hospital, September 19, 2018
10. **Ey, E.** Advances in Diagnostic Ultrasound. Grand Rounds, Dayton Children's Hospital, June 26, 2019.
11. **Iordanou, E.** Topics and Questions in Cytogenetics. Wright State University Boonshoft School of Medicine Curriculum. Dayton, OH. July 2018
12. **Kuck, C.** Ebola: Liberia 2014, A Pediatrician's Experience. Grand Rounds, Dayton Children's Hospital, October 31, 2018
13. **Kumar, G. and Christoff, P.** Medical Marijuana: An Update. Grand Rounds, Dayton Children's Hospital, May 1, 2019.
14. **Kumar, G.** Medical Marijuana: An Update. Grand Rounds, Miami Valley Hospital, May 2019.
15. **Liker, K.** Sex Trafficking in Minors. Grand Rounds, Dayton Children's Hospital, October 17, 2018
16. **Liker, K.** Court Testimony in Child Maltreatment - Nutrition Team Lecture, Dayton Children's Hospital, Dayton, Ohio
17. **Liker, K.** Sentinel Injuries in Child Physical Abuse - Advanced Practice Provider Meeting, Dayton Children's Hospital, Dayton, Ohio
18. **Ramey, G.** The Science of Happiness: How our obsession with raising happy children leads to unhappy adults. Grand Rounds, Dayton Children's Hospital, April 24, 2019.
19. **Roberts, B.** Adverse Airway Events; Anesthesia for Tonsillectomy/Adenoidectomy; Anesthetic Management and Assessment for Children with Upper Respiratory Tract Infections; Anesthetic Considerations for Diabetic Pediatric Patients; Hypotonia and Malignant Hyperthermia: Pediatric Regional Anesthesia Primer; Common Pediatric Syndromes and Pathology; Ex Utero Intrapartum Treatment (EXIT) Procedure; Cricothyrotomy Workshop/Task Trainer. Dayton Children's Medical Center Pediatric Anesthesia/Pediatrics/Emergency Room Lecture Series

20. **Rustagi, S.** Eosinophilic Esophagitis. Grand Rounds, Dayton Children's Hospital, January 16, 2019
21. **Saunders J.** Value of Community Resources presented to Upstream Medicine Program, July 31, 2018, Boonshoft School of Medicine.
22. **Scott, L. and de Dios, K.** Diagnosis and Management of Hypermobility Ehler-Danlos Syndrome, Grand Rounds, Dayton Children's Hospital, February 20, 2019.
23. **Set, K.** PEP Talk Lecture. Psychogenic Non-Epileptic Seizures vs. Seizure. Sinclair Community College, Dayton, Ohio. 3/31/2019
24. **Sherwin CM.** Can cost-effective research be used to improve early cancer surveillance? Pediatric Journal Club, Dept. Pediatrics, Dayton Children's Hospital. March 2019
25. **Sherwin CM.** Solving your clinical headaches: what a clinical pharmacologist can do for you. Dept. Pharmacology and Toxicology, BSoM, WSU, 2019
26. **Stewart, H.** AAP Policy to Improve Care for Transgender and Gender-Diverse Youth. Grand Rounds, Dayton Children's Hospital, June 5, 2019.
27. **Stewart, H.** Serving LGBTQ Youth: Basics. CARE House, Dayton, OH. September 2018
28. **Stewart, H.** Exploring Gender Development. The Counseling Source. Blue Ash, OH, April 2019
29. **Thackeray, J.** After the Report, Dayton Public Schools Nursing Staff, Dayton, Ohio
30. **Vachhrajani, S.** Collaborating on Common Problems in Pediatric Neurosurgery. Grand Rounds, Dayton Children's Hospital, January 23, 2019
31. **Vish, N.** Early Detection and Prevention of Child Abuse, Grand Rounds, Dayton Children's Hospital, April 17, 2019.
32. **Vish, N.** Trauma Informed Care to Third Grade Academic Jamboree for Parents and caregivers. Westwood Elementary School. January 17, 2019
33. **Vish, N.** Workshops promoting Trauma Informed Care in Elementary School, Westwood Elementary School, 2/11/19, 2/25/19, 3/11/19
34. **Vish, N.** Parent Summit: Parenting Your Grandchild, Mad River Middle School, 2/9/19
35. **Vish, N.** Caregiver Workshops on Parenting Skills, Dayton Children's Hospital, weekly
36. **Wright, J.** Hemophilia: A Look at How Far We Have Come and Where We Are Going. Grand Rounds, Dayton Children's Hospital, November 7, 2018

5 Summary of Service Activities

Boonshoft School of Medicine Fourth Year Student Advising 2019

Sherman Alter
 Christopher Bugnitz
 Merrilee Cox
 Erin Dahlinghaus
 Miriam Lader
 Kelly Liker
 Jubin Mathews

Mark Minor
 Elizabeth Mitchell
 David Morris
 John Pascoe
 Kelly Sandberg
 Jonathan Thackeray
 Lisa Ziemnik

Committee membership/officer

Western Ohio Pediatric Society

- **Guerrero-Duby, S.** Executive Committee and President, 2018-2019
- **Boreman, C..** Executive Committee and Vice-President, Western Ohio Pediatric Society, 2018-2019
- **Toussaint, G., Treasurer,** 2017-2019

Wright State University Boonshoft School of Medicine

- **Alter, S** Member, Continuing Medical Education Committee
- **Alter, S** Member, Medical Student Advisory Group
- **Alter, S** Member, Promotion and Advancement Committee
- **Alter, S** Member, LCME Steering Committee
- **Bates, M.** Member, Faculty Promotion and Advancement Committee
- **Burke, A.** Co-Chair, Faculty Curriculum Committee
- **Duby, J.** Member, Dean's Executive Committee
- **Duby, J.** Member, Faculty Curriculum Committee
- **Taylor, E.** Student Promotions Committee
- **Triplett, P.** Bylaws Committee

Wright State Physicians

- **Duby, J,** Member, Board of Directors
- **Duby, J,** Member, Finance Committee

Dayton Children's Hospital

Board of Trustees

- | | |
|------------------------|--------------------|
| • Duby, J | • Mezoff, A |
| • Hardwick, M. | • Patel, V. |
| • Krzmarzick, T | |

Professional Staff Executive Committee

- | | |
|------------------------|------------------------|
| • Bates, M. | • Parker, W. |
| • Duby, J | • Patel, V. |
| • Hardwick, M. | • Ross. J. |
| • Krzmarzick, T | • Toussaint, G. |
| • Mezoff, A | |

State/Regional

1. **Alter, S.** Chair, Immunodeficiency Subcommittee, Bureau for Children with Medical Handicaps, Ohio Department of Health, 1990-present
2. **Alter, S.** Member, Medical Advisory Committee, Bureau for Children with Medical Handicaps, Ohio Department of Health, 1992-present
3. **Alter, S.** Member, Advisory Committee, Maximizing Office-Based Immunization (MOBI), Ohio Chapter American Academy of Pediatrics, 2016- present
4. **Alter, S.** Member, Immunization Advisory Committee, Ohio Department of Health, 2009- present
5. **Alter, S.** Member, Severe Combined Immunodeficiency Subcommittee, Newborn Screen Advisory Committee, Ohio Department of Health, 2011-present
6. **Alter, S.** Ohio Multidrug-resistant Organism Collaborative, Ohio Department of Health, 2010-present
7. **Alter, S.** Member, Editorial Board, *Ohio Pediatrics*, Ohio Chapter American Academy of Pediatrics
8. **Alter, S.** Member, Advisory group, Ohio Hospital Association, 2015- present
9. **Duby, JC,** Emeritus Member, Ohio AAP Foundation, Ohio Chapter, American Academy of Pediatrics, 2015-present
10. **Duby, JC.** Emeritus Member, Voices for Ohio's Children Board, 2016-2019
11. **Duby, JC.** Ohio Governor's Advisory Committee on Home Visitation, 2019
12. **Liker, K.** Member, Sexual Assault Advisory Board of Ohio, 2018-
13. **Liker, L.** Member, Committee on Child Abuse and Neglect, Ohio Chapter, American Academy of Pediatrics, 2018-
14. **Sandberg, K.** Member, Medical Advisory Committee, Southwest Ohio Chapter, Crohn's and Colitis Foundation, 2015-
15. **Thackeray, J.** Member, Committee on Child Abuse and Neglect, Ohio Chapter, American Academy of Pediatrics, 2005-
16. **Thackeray, J.** Member, Attorney General of Ohio Advisory Committee on Foster Care, 2013-
17. **Thackeray, J.** Member, Ohio Department of Medicaid Privacy Board, 2015-

National

1. **Alter, S.** Member, Education Sub-committee of the Committee on Infectious Diseases, American Academy of Pediatrics, 2006-present
2. **Burke, A.** Pediatric Milestones 2.0 Writing Group, Accreditation Council for Graduate Medical Education, 2019-
3. **Burke, A** Federation of Pediatric Organizations Executive Board, 2018
4. **Burke, A.** Pediatric Review Committee, Accreditation Council for Graduate Medical Education, 2013-2019
5. **Burke, A.,** Pedialink Resident's Center Group, American Academy of Pediatrics 2004-Present
6. **Burke, A.** Immediate Past Chair, Board of Directors, American Board of Pediatrics (ABP), 2019

7. **Burke, A.** Executive Committee, Board of Directors, American Board of Pediatrics, 2016-present
8. **Burke, A.** Board of Directors, American Board of Pediatrics Foundation, 2016-Present
9. **Burke, A.** Member, Audit Committee, American Board of Pediatrics, 2016-Present
10. **Burke, A.** Finance Committee, American Board of Pediatrics, 2015-Present
11. **Burke, A.** Long Term Investment Committee, American Board of Pediatrics, 2016-Present
12. **Burke, A.** Board of Directors, American Board of Pediatrics, 2013-2019
13. **Burke, A.** Chair, Leadership and Collaboration Committee, Association of Pediatric Program Directors, 2016-Present
14. **Chow, L.** Chair, Medical Advisory Committee, Joshua's Wish. 2011-
15. **Duby, JC.** Past Presidents Committee Liaison to Early Childhood Special Interest Group, Society for Developmental and Behavioral Pediatrics, 2016-2019
16. **Duby JC.** National Academies of Sciences, Engineering, and Medicine & American Board of Pediatrics Planning Committee, Preparing Future Pediatricians to Meet the Behavioral and Mental Health Needs of Children Stakeholder Meeting, American Board of Pediatrics, 2017-2019
17. **Duby, JC.** Member, Education Committee, Association of Medical School Pediatric Department Chairs, 2016-2019
18. **Duby, JC.** Immediate Past Chair, Sub Board in Developmental-Behavioral Pediatrics, American Board of Pediatrics, 2016-2018
19. **Duby, JC.** Editorial Board, Clinical Practice in Pediatric Psychology, 2012-2019
20. **Duby, JC.** American Board of Pediatrics Foundation Roadmap Project Planning Group, 2019
21. **Elluru, R** Chair, Finance Committee, American Society for Pediatric Otolaryngology, 2016 - Present
22. **Elluru, R.** Section Editor Pediatric Otolaryngology, Medscape, 2014-current
23. **Elluru, R.** Member, Intellectual Property Committee, Triological Society, 2014-
24. **Elluru, R.** Guest Board Reviewer , American Board of Otolaryngology, 2018-
25. **Saeed, S.** Chair, Public Education Committee, North American Society of Pediatric Gastroenterology, Hepatology, and Nutrition, 2018
26. **Saeed, S.** Member, ImproveCareNow Clinical Care Committee
27. **Saeed, S.** Member, ImproveCareNow Parent and Patient Innovation Fund Committee
28. **Saeed, S.** Co-Chair, ImproveCareNow Strategy Council
29. **Saeed, S.** Member, Financial Sustainability and Adding Value Working Group
30. **Saeed, S.** Member, Physician Leadership Group
31. **Saeed, S.** Co-chair, Research, Education and Scientific Affairs Committee, Association of Physicians of Pakistani Descent of North America
32. **Saeed, S.** Co-chair, Committee for Physicians in Academic and Research, Association of Physicians of Pakistani Descent of North America
33. **Saeed, S.** Member, Research, Education and Scientific Affairs Committee, Association of Physicians of Pakistani Descent of North America
34. **Saeed, S.** Co-Chair, Research, Education and Scientific Affairs Committee, Dow Graduates Association of North America (Medical School Alumni Association)
35. **Saeed, S.** Member, Research, Education and Scientific Affairs Committee, Dow Graduates Association of North America (Medical School Alumni Association) 2019

36. **Saeed, S.** Member, Board of EnDOW-Dow Medical College Endowment Fund, Dow Graduates Association of North America (Medical School Alumni Association)
Jan 2019-Dec 2024
37. **Saeed, S.** Co-Chair, Committee for Physicians in Academic and Research, Dow Graduates Association of North America (Medical School Alumni Association)
38. **Sandberg, K.** Member, Parent and Patient Conference Support Committee, ImproveCareNow, 2018
39. **Sandberg, K.** Member, Pathway to Mastery subcommittee, ImproveCareNow, 2018-
40. **Sandberg, K.** Co-chair, Clinical Standardization Committee, ImproveCareNow, 2018-
41. **Sandberg, K.** Member, Literature Selection Technical Review Committee, National Institute of Health, 2019-2023
42. **Sandberg, K.** Member, Clinical Care and Quality Committee, North American Society of Pediatric Gastroenterology, Hepatology, and Nutrition, 2018-
43. **Sherwin, C.** Board Regent, American College of Clinical Pharmacology, 2018-
44. **Sherwin, C.** Director, Member, Board, American Board of Clinical Pharmacology, 2018-
45. **Sherwin, C.** Member, 2020 Annual Meeting Program Committee, American College of Clinical Pharmacology, 2019 - 2020
46. **Sherwin, C.** Member, 2019 Annual Meeting Program Committee, American College of Clinical Pharmacology, 2018 - 2019
47. **Sherwin, C.** Mentor, American Society for Clinical Pharmacology and Therapeutics 2018
48. **Sherwin, C.** Past Chair, SPO community, American Society for Clinical Pharmacology and Therapeutics 2018-2019
49. **Sherwin, C.** Member, Nominations Committee, American Society for Clinical Pharmacology and Therapeutics, 2018-
50. **Sherwin, C.** Member, Annual Meeting Content Programming Committee, American Association of Pharmaceutical Scientists, 2018-
51. **Sherwin, C.** Chair, Education Committee, American College of Clinical Pharmacology 2018-
52. **Sherwin, C.** Member, Examination Committee, American Board of Clinical Pharmacology, 2018-
53. **Sherwin, C.** Chair, PharmSci360 AAPS Annual Meeting, Track Chair, Clinical Pharmacology, Scientific Programming Committee, Association of Pharmaceutical Scientists, 2018-2019
54. **Sherwin, C.** Member, 2019 Annual Meeting Program Committee, American College of Clinical Pharmacology, 2018-2019
55. **Thackeray, J.** Executive Committee Member, American Academy of Pediatrics Council on Foster Care, Adoption, and Kinship Care, 2017-
56. **Thackeray, J.** Member, Program Committee, Ray E. Helfer Society, 2010-
57. **Thackeray, J.** Member, American Board of Pediatrics Sub Board on Child Abuse Pediatrics, 2013-2019
58. **Thackeray, J.** Member, Credentials Committee, American Board of Pediatrics Sub Board on Child Abuse Pediatrics, 2016-2019

Other

Kalra, M, Member, Board of Trustees, Sinclair Community College - 2017

7 Patient Care Advances

Child Health Pavilion Opens

The new, two-story Child Health Pavilion opened on the corner of Valley and Stanley in Old North Dayton on April 30, 2019. The Child Health Pavilion houses most of the programs and supporting services of the Center for Community Health and Advocacy. This center broadens and accelerates community health efforts already underway to serve children who



have experienced abuse, trauma, poverty, complex medical issues and abandonment, while aligning those services, joining forces with community partners and supporting new endeavors to improve the health status of children. By linking traditional health care with community services, children will receive a comprehensive and coordinated approach to care, which will in turn improve their overall well-being.

It includes:

- Dayton Children's Pediatrics: A patient-centered medical home for children in our community, including our civilian resident continuity clinic. The new space provides additional clinical rooms and expanded services at a more convenient location.
- A comprehensive medical home for children in foster/kinship care with a team of health professionals to care for the special needs of this vulnerable population.
- Enhanced ambulatory services for children with medical complexity.
- Developmental Pediatrics services, including the Newborn Follow up program.
- A food scripts program and demonstration kitchen to promote healthy lifestyles for children.
- Referral and connection to community resources through our Family Resource Connection, which allows families to avoid the struggle of finding the care and tools needed to keep their kids well.

- Dayton Children's community engagement programs, including the Dayton Asthma Alliance, injury prevention, and healthy lifestyles programs.

Huber Heights Urgent Care



Dayton Children's opened its newest urgent care location in Huber Heights at 8501 Old Troy Pike. Dayton Children's urgent care centers are the only ones in the Dayton region that are fully staffed by board-certified pediatricians and pediatric nurse practitioners, specially trained on how to treat illnesses and injuries in children.

Kids Express

Dayton Children's Hospital opened Kids Express at 662 North Main Street in Springboro on January 9, 2019 - the trial of a new concept in pediatric-focused health care. It combines the convenience of a retail clinic approach and online scheduling with the pediatric expertise of a specially trained nurse practitioner to take care of low-acuity conditions.



8 Honors and awards



U.S. News & World Report, the global authority in hospital rankings and consumer advice, has ranked Dayton Children's Hospital in pulmonology in the new 2019-20 Best Children's Hospitals rankings published online on June 26, 2019. The 13th annual Best Children's Hospitals rankings recognize the top 50 pediatric facilities across the U.S. in 10 pediatric specialties.

Best Doctors in America 2018-2019

Sherman J. Alter
Ann E. Burke
R. Paul Deenadayalu
Mukund Dole
John C. Duby
Greg M. Eberhart
Ravi Elluru
Elizabeth H. Ey

Adam Mezoff
Gary A. Mueller
Maria T. Nanagas
John M. Pascoe
Alonzo Patterson
Michelle A. Potts
Shehzad A. Saeed

America's Top Doctors: Dayton Children's

Michael Albert, MD

Sean Barnett, MD

Paul Breyer, MD

John C. Duby, MD

Gregory Eberhart, MD

Ravindhra G. Elluru, MD

Gogi, Kumar, MD

James Lehner, MD

Adam G. Mezoff, MD

Deborah Mowery, MD

John M. Pascoe, MD, MPH

Moir Pfeifer, MD

Michelle Potts, MD

Joseph E. Ross, MD

Dayton Children's Hospital Professional Staff Recognition

Wallace B. Taggart, MD Award

2018 Gregory Toussaint, MD

Alan D. Shafer, MD Distinguished Service Awards

2018 Mukund Dole, MD

Gregory Eberhart, MD

Gary Mueller, MD

A Child's Voice Advocate for Children Award

2018 John Duby, MD

Wright State University Integrated Pediatric Residency Awards

2019 General Pediatrician Award, Dayton Children's: Eric Whitney, MD

General Pediatrician Award, Wright-Patterson AFB: Caitlin Hammond, MD

Specialty Pediatrician Award: Michael Bates, MD, Ph.D.

Emergency Pediatrician Award: Jeremy Larson, MD

Rosemarie Reid Award: Lacey Chambers, MD

Resident Teaching Award: Andrew Kung, MD

Resident of the Year: Peri Loftis, D