



Annual Report: Department of Pediatrics

January 1, 2017-June 30, 2018

John C. Duby, MD, FAAP, CPE
Professor and Chair
Department of Pediatrics
Vice President of Academic Affairs and Community Health
Dayton Children's Hospital

For the period including
January 1, 2017 — June 30, 2018

1 Statement from the Chair

What an amazing 18 months- January 2017 to June 2018! Over 50 new faculty joined the Department of Pediatrics at Wright State University Boonshoft School of Medicine, including the addition of specialists in adolescent/young adult medicine and allergy/immunology, areas that had not been previously available. At the same time, the physical transformation of Dayton Children's Hospital culminated with the opening of a state of the art patient tower on the main campus as well as the specialty center, full service emergency department, and ambulatory surgery center on the South Campus in Springboro. Together these facilities provide services for the children in our region that are second to none.

In our continued efforts to promote healthy growth and development, to address the social determinants of health, and to strengthen our connections with our community, we established the Center for Community Health and Advocacy at Dayton Children's Hospital in 2017. Under the leadership of Jonathan Thackeray, MD and Jessica Saunders, MPA, the Center will move into a new facility at 1010 Valley Street in spring 2019. The new Center will be the home for Dayton Children's Pediatrics, which achieved NCQA Patient Centered Medical Home certification in 2017 under the leadership of Maria Nanagas, MD. Dayton Children's Pediatrics will expand its services to include new programs for children with medical complexity (established 2018) and children in foster/kinship care (established 2017).

The Center also includes the Office of Community Engagement Programs and the Family Resource Connection program that addresses social determinants of health with the support of college students across the region.

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 WSU in April 2018.

The Department had 51 peer reviewed publications, 6 book chapters, and 32 abstracts published from January 2017 through June 2018. Department members gave 4 international and 21 national presentations. At the end of June 2018, there were 160 open studies at Dayton Children's, including 37 new studies since July 2017. Forty-four new quality improvement studies were reviewed by the DCH IRB from January 2017 through June 2018.

Quality Improvement as academic endeavor has been incorporated into the Dayton Children's Intermediate Quality Improvement Course, which enrolled 18 faculty and staff in fall 2017.

10 students in the Class of 2017 and 9 students in the Class of 2018 chose pediatrics, all matching into strong programs. Student evaluations of their pediatric clerkship and electives continue to be strong. The Department is continuing to address opportunities to expand experiences with pediatric subspecialties in the third year, supporting faculty in the evaluation process, and emphasizing the role of residents as teachers.

The Residency program matched 9 Air Force and 7 civilian residents in 2017 and 2018. Plans for graduates of the residency in 2017 ranged from primary care to hospital medicine to fellowships in cardiology, developmental/behavioral pediatrics, rheumatology, and neurology. Board passage rate was **100%** for 2017. The program's five year average is 87%.

The Residency is the first in the nation to integrate Finding Meaning in Medicine into the curriculum.

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
		David Gooden, DO
		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
		Lori Vavul-Roediger, MD
Clinical Research Center	Michelle Adams, PhD	
		Karen Herzing, RN
		Adrienne Stolfi, MSPH
		Alexandra Stolfi, RN, MBA, OCN

Name of Division	Division Chief	Faculty
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
		Amit Vohra, MBBS
Developmental-Behavioral Pediatrics	Eileen Kasten, MD	Tahira Adelekan, MD
		Craig Boreman, MD
		John Duby, MD
		Teresa Muterspaw, RN, CPNP
		John Pascoe, MD, MPH
		Maria Rivera-Amisola, MD
Pediatric Emergency Medicine	Thomas Krzmarzick, MD	Raul Chabali, MD
		Dana Drazner, MD
		Dale Evans, MD
		Susan Henry, MD
		William Matre, MD
		Mark Schaffer, MD
		Lakshmi Vemuru, MBBS
Pediatric Endocrinology	Paul Breyer, MD	Susan Almazan, MD
		Stacy Meyer, MD
		Moir Pfeifer, MD
		Yelena Nicholson, DO
Pediatric Gastroenterology	Michael Bates, MD	Sean Bingham, DO
		Adam Mezzoff, MD
		Pramodha Muniyappa, MD
		Shelly Rustagi, MD
		Shehzad Saeed, MBBS
		Kelly Sandberg, MD
		Kathryn Williams, DO

Name of Division	Division Chief	Faculty
		Sandra Wright, MD
General Academic Pediatrics	Maria Nanagas, MD	
		Craig Chalfie, MD
		James Duffee, MD
		Gregory Eberhart, MD
		Sara Guerrero-Duby, MD
		Melissa King, DO
		John Pascoe, MD, MPH
		Leann Poston, MD
		Jasa Talarico, MD
		Gregory Toussaint, MD
		Nora Vish, 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	
		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
		Gary Onady, MD, PhD
		Marc Raslich, MD
		Abigail Riedel, MS, RN, CNP
		Shafee Salloum, MD
		Samantha Sandlin, MD
		Beth Sullivan, MD
		Danika Svy, MD
		Erica Taylor, MD
		Paige Triplett, DO
		Janet Wasylyshen-Velasco, MD

Name of Division	Division Chief	Faculty
		Hillary Voss, MD
		Eric Whitney, MD
Pediatric Infectious Diseases	Sherman Alter, MD	
		Ryan Simon, MD
		Jon Woltmann, MD
Lipid Program	James Ebert, MD, MBA, MPH	
		Ann Burke, MD
		Melissa King, DO
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
		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	
		Leonardo Canessa, MD
		Erin Dahlinghaus, MD
		Mauricio Romero Olvera, MD
Child Neurology	Gogi Kumar, MD	
		Anastazia Agin, MD
		Lucinda Brown, DNP, RN, CNS
		Mahesh Chikkannaiah, MBBS
		Ajay Goenka, MBBS
		Daniel Lacey, MD
Pediatric Neurosurgery	Kambiz Kamian, MD	
		Robert Lober, MD, PhD
Pediatric Otolaryngology	Ravindhra Elluru, MD, PhD	
Pediatric Pathology	Todd Boyd, DO	

Name of Division	Division Chief	Faculty
		L. David Mirkin, MD
Child and Adolescent Psychiatry	Virginia Matheson, MD	Dean Parmelee, MD
Pediatric Psychology	Gregory Ramey, PhD	
Pediatric Pulmonology	Daniel Evans, MD	
		Elizabeth Bacon, DO
		Robert Fink, MD
		Maninder Kalra, MD
		Gary Mueller, MD
		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	
		Kara Mays, MD
		Deborah Mowery, MD
Sleep Medicine	Maninder Kalra, MD	
Sports Medicine	Lora Scott, MD	
Transitional Care	Stephen Wolf, MD	
		Cheryl Kuck, MD
Wright Patterson AFB	Lauren Wolf, MD	
		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
Nicole Cruz, MD	Amy Keebler Jones, MD	Mahesh Shah, MBBS

Name of Division	Division Chief	Faculty
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

Onady, G. Intern Seminar/Psychological Illness in Primary Care-Postdoctoral, Wright State University School of Professional Psychology

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

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

Stolfi, Adrienne Statistical consultant for ASM Masters students research projects

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

Alter, S. Medical Student Advisory Group

Amisola, C. Medical students rotating in Dev Peds Clinic

Burke, A. Medical Student Advisor (3 students per year)

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

Kamian, K. Didactic lecture, (Neuroanatomy) Medical student lecture series

Kamian, K. Mentorship, Medical student research projects

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

Kumar, G. Neurology Clinical Rounds with 3rd year medical students twice a month

Kumar, G. Neurology clerkship 3rd and 4th year medical students in the outpatient clinic

Kumar, G. Medical Student Advisor

Nanagas, M. Director, Attending Physician, Medical Student 111 clerkship out-patient rotation

Nanagas, M. Preceptor, Pediatric Physical Diagnosis ICM II

Nanagas, M. Director. Biennium 1 General Pediatrics, Med Student 1

Nanagas, M. ICM-1 Physical Diagnosis

Omoloja, A. Introduction to Clinical Medicine Y2

Omoloja, A. Clerkship-Pediatrics Y3

Onady, G. Origins 1 TBL Modules – Y1

Onady, G. Staying Alive Peer Instruction Modules - Y2

Onady, G. Introduction to Clinical Medicine/Newborn Exam - Y2

Onady, G. Molecular Basis of Medicine/TBL Director – Y1

Onady, G. Cells Tissue Organ Systems Medicine/TBL Director - Y1

Onady, G. Evidence-based Medicine (EBM)/Pediatric Clerkship–Y3,

Sandberg, K. Attending teaching medical students (3 months/yr): 1-2 lectures per week, daily bedside teaching on rounds

Graduate medical education

Boonshoft School of Medicine Integrated Pediatric Residency Training Program

Abboud, P. Acute Care Symposium 2017
Alter, S. Infectious Disease Elective, (Course Director)
Alter, S. Acute Care Symposium 2017
Amisola, C. Chair, Behavioral/Developmental Resident Education Committee
Bacon, E. Formal and informal
Bates, M. Acute Care Symposium 2017
Breyer, P. Acute Care Symposium 2017
Burke, A. Pediatrics Residency, multiple lectures, workshops per year teaching
Duby, J. Monthly Developmental-Behavioral Pediatrics Case Conference
Joshi, A. Acute Care Symposium 2017
Kleiner, L. Acute Care Symposium 2017
Kumar, G. Acute Care Symposium 2017
Kumar, G. Clinical Teaching in Child Neurology
Matheson, G. Acute Care Symposium 2017
Mueller, G. Acute Care Symposium 2017
Nanagas, M. Director and Preceptor, Pediatric Residents' Continuity Clinic
Nanagas, M. Director, Residency Program Curriculum on John Hopkins Harriet Lane Internet Learning Program, Ambulatory Core Curriculum
Narron, J. Acute Care Symposium 2017
Omoloja, A. Pediatrics Residency Program, Dayton Children's Hospital, Nephrology rotations and Consultations
Ramey, G. Acute Care Symposium 2017
Ross, J. Acute Care Symposium 2017
Sandberg, K. Attending teaching residents (3 months/yr): 1-2 lectures per week, daily bedside teaching on rounds
Triplet, P. Finding Meaning in Medicine Facilitator

Boonshoft School of Medicine Family Medicine Residency Training Program

Burke, A. Family Medicine Residency, Pediatrics Site
Nanagas, M. 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. Clinical Teaching in Child Neurology
Kumar, G. Neuroradiology Journal Club
Kumar, G. Journal Club

Kettering Health Network Family Medicine Residency

Nanagas, M. Director and Attending Physician, Grandview Hospital Family Practice Out-Patient Pediatrics

Kettering Health Network Neurology Residency

Kumar, G. Clinical Teaching in Child Neurology

Continuing medical education

1. **Abboud, P.** Pediatric Sepsis a decade later: Have we figured it out? Dayton Children's Hospital Grand Rounds, September 27, 2017
2. **Alter, S.** Osteoarticular infections in children and adolescents. Dayton Children's Hospital Grand Rounds, January 10, 2018

3. **Bates, M.** and **Bingham, S.** Celiac disease update. Dayton Children's Hospital Grand Rounds, January 17, 2018
4. **Bugnitz, C.** Pulse Oximetry screening for critical congenital heart disease, an update. Dayton Children's Hospital Grand Rounds, May 2, 2018
5. **Chikkannaiah, M.** Elevated optic discs...Are they ever benign? Dayton Children's Hospital Grand Rounds, November 29, 2017
6. **Cox, M.** Cognitive Bias. Dayton Children's Hospital Grand Rounds, June 14, 2017
7. **Duby, J.** What's Ticking in Tic Disorders? Neuroscience Symposium, Dayton Children's Hospital, Dayton, OH, November 10, 2017
8. **Duby, J.** Building Brains Through Outdoor Play. Miami Valley Leave No Child Inside Summit, Dayton, OH, March 10, 2018
9. **Duffee, J.** *Poverty and Child Health: Strategies for the Family-Centered Medical Home.* Grand Rounds, Dayton Children's Hospital, March 15, 2017
10. **Duffee, J.** *Trauma Informed Care in Pediatric Health Systems.* Grand Rounds. Dayton Children's Hospital; 02/21/2018
11. **Elluru, R.** Pediatric Head and Neck Masses, Pediatric Resident Didactics, Jan 2017
12. **Kamian, K.** Dayton Children's Hospital Ground Rounds, Hydrocephalus, Brain Tumors, Congenital malformation
13. **Kumar, G.** Genetics of epilepsy and precision medicine: the new frontier of patient centric care. Dayton Children's Hospital Grand Rounds, March 14, 2018
14. **Kundu, A.** Evolving Landscape of Opioids and Implications for Clinicians, Dayton Children's Hospital Grand Rounds, October 25, 2017
15. **Lober, R.** Prehospital evaluation of neurological injury. Emergency Medical Service Providers Symposium. Dayton Children's Hospital. Dayton, OH. 4/29/2017
16. **Lober, R.** Pediatric neurologic emergencies. Pediatric Fundamental Critical Care Support Course. Wright State University Boonshoft School of Medicine, Dayton, OH. 5/12/2017
17. **Mays, K.** (2017). Rehab Medicine Approach to Concussions. 20th Annual Dayton Children's Pediatric Orthopaedic Symposium.
18. **Morris, D.** The Current state of Immunotherapy in the Treatment of Food Allergy. Dayton Children's Hospital Grand Rounds, October 11, 2017
19. **Mowery, D.** "Spasticity: A tale of increased tone" – Invited Lecturer; 30th Annual Pediatric Orthopaedic Symposium, Dayton Children's Hospital, Dayton, OH. September 2017
20. **Mowery, D.** "A storm on the horizon: Autonomic instability after acquired brain injury"; Grand Rounds, Dayton Children's Hospital, Dayton, OH. December 13, 2017
21. **Omoloja, A.** Clinical Informatics...Dawn of a new Medical Specialty. Dayton Children's Hospital, Dayton OH Grand Rounds. December 2017
22. **Omoloja, A.** and Whitlock, JD. Cybersecurity and Healthcare. Dayton Children's Hospital Grand Rounds, April 25, 2018
23. **Ramey, G.** Do iPhones cause mental illness? Dayton Children's Hospital Grand Rounds, April 18, 2018
24. **Sandberg, K.** Intermediate Quality Improvement Course (IQIC). Development and monthly teaching of an internal quality improvement course at Dayton Children's Hospital
25. **Sandberg, K.** What is Quality Improvement? (And more importantly, how can it help my patients?) Dayton Children's Hospital Grand Rounds, November 8, 2017
26. **Sandberg, K.** Improving chronic disease management in inflammatory bowel disease, Dayton Children's Hospital Grand Rounds, January 31, 2018
27. **Sandberg, K.** Survey of Quality Improvement (QI) tools and how they can help. , Dayton Children's Hospital Grand Rounds, June 27, 2018

28. **Saunders, J.** Improving Health Through Community Connections. University of Dayton/Miami Valley Hospital HealthCare Symposium. Dayton, OH. March 25, 2017
29. **Saunders, J.** Asthma and Attendance. Learn to Earn Dayton Kindergarten Readiness Summit. Dayton, OH. March 3, 2017.
30. **Saunders, J.** The Family Resource Connection. Guest Lecturer for Health Promotion Planning and Evaluation class at Wright State University. January 31, 2017.
31. **Spisak, K.** Pediatric Regional and Neuraxial Anesthesia. Dayton Children's Hospital Grand Rounds, November 1, 2017
32. **Stewart, H.** Contraceptives: Uses and Indications, Western Ohio Pediatrics Society, April 24, 2018
33. **Thackeray, J.** After the Report, Dayton Public Schools Nursing Staff, Dayton, Ohio
34. **Vavul-Roediger, L.** Guiding hands: promoting nurturing disciplinary practices. Dayton Children's Hospital Grand Rounds, February 14, 2018
35. **Vish, N.** 11/29/2017 Panel on Gun Violence and Public Health. Wright State University. Participated on a Panel intended to increase awareness of scope of gun violence within the United States and debate possible solutions to decreasing gun violence within our society
36. **VanNostrand, S.** "Neonatal Emergencies." Dayton Children's Hospital Resident Acute Care Symposium. Dayton, Ohio. August 2017
37. **Vohra, A. and Burns, G.** Toxicology teaching rounds, Dayton Children's Hospital Grand Rounds, May 16, 2018
38. **Wasylyshen-Velasco, J.** Lifelong Health Trajectories: Why the standard of care for infant nutrition matters. , Dayton Children's Hospital Grand Rounds, May 23, 2018

4 Scholarly Activity

Funded grants [List PI(s), grant title, funding source, amount of award, and dates of award. Please list each grant only once. Identify student & resident authors, i.e., *=student author **=resident/fellow]

1. **Almazan, S.** Dayton Children's Hospital Foundation research grant. Transition for Young Adults with Type 1 Diabetes Mellitus. 10/2016-10/2018, \$40,000.
2. **Alter S.** Children's Hospitals Initiative for Pneumonia Research (CHIRP). PI at Dayton Children's Hospital for the study among Ohio's children's hospitals. (Funded by State of Ohio grant through Nationwide Children's Hospital). Funding 07/1/2017 – 12/31/2018 - \$33,053
3. Zink T, Colon R, Zryd T, **Burke AE.** ACT-Wright: Accelerating primary Care Transformation at Wright State University Boonshoft SOM. Health Resources and Services Administration (HRSA) \$2.5 million award over five years. 2016-2021
4. Tait, F., P.I. **Duby, J.** Improvement Advisor. Practice Improvement to Address Adolescent Substance Use. Conrad Hilton Foundation. American Academy of Pediatrics., 2015-2017, \$1,200,000

5. 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. 10/2017-10/2019, \$40,000.
6. Sheth, A (PI), **Kalra, M.** kHealth: Semantic Multisensory Mobile Approach to Personalized Asthma Care. 1R01HD087132-01 (NIH/PTCIB) 07/2016 – 06/2019, \$945,000
7. **Lober, R.** Hypoxic regulation of glycolysis in diffuse intrinsic pontine glioma. Boonshoft School of Medicine Medical Student Research Grant Trainee: Maryam Shahin, BS \$2,500
8. **Lober, R.** Incidental brain tumors in pediatric patients following trauma. Boonshoft School of Medicine Medical Student Research Grant Trainee: Isaiah Cochran, BS \$1,500
9. **Lober, R.** Brown, TL. Role of repressed tumor suppressor genes in DIPG treatment resistance. Mayfield Education and Research Foundation Spark Grant \$48,500
10. **Miller, M.** Ohio State Genetics Service Grant Ohio State Department of Health July 1, 2017 - June 30, 2018 \$225,000
11. **Thackeray, J;** NCH Grant #82072215; Ohio Children's Hospital Association; Statewide Quality Improvement Collaborative modeled on the Institute for Healthcare Improvement's Breakthrough Series Collaborative focused on improving recognition and response to sentinel injuries in infants. Collaborating sites include six members of Ohio Children's Hospital Association; \$1,000,000, 2015-2017
12. **Thackeray, J.** The 2018 Ohio Medicaid Group VIII Study GRC Task Order ODM201845; Ohio Colleges of Medicine Government Resources Center; \$16,500, 2018

Publications

1. Shein SL, **Alter SJ** et al. Adjunctive Pharmacotherapies in Children with Asthma Exacerbations Requiring Continuous Albuterol therapy: Findings from the Ohio Pediatric Asthma Repository. *Hosp Pediatr* 2018 Jan 5
2. Alter SJ, Mc Donald MB, Schloemer J, Simon R, Trevino J, Gerson WT. Common childhood and adolescent cutaneous infestations and fungal infections. *Curr Probl Pediatr Adolesc Health Care* 2018;48(1);1-27.
3. **Bixler, GM** et al. Changes in diagnosis and Management of Patent Ductus Arteriosus from 2006 to 2015 in United States Neonatal Intensive Care Units. *J. Pediatr* 2017 Oct; 189:105-112
4. Li ST, Tancredi DJ, Schwartz, Guillot AP, **Burke AE**, Trimm RF, Guralnick, Mahan JD, Gifford KA, for the Association of Pediatric Program Directors (APPD) Longitudinal Educational Assessment Research Network (LEARN) validity of resident self-assessment group. Identifying gaps in the performance of pediatric trainees who receive marginal/unsatisfactory ratings. *Academic Medicine*. 2018 Jan;93(1):119-129. doi: 10.1097/ACM.0000000000001775. PMID: 28640031
5. Turner TL, Bhavaraju VL, Luciw-Dubas UA, Hicks, PJ et al. for the APPD LEARN-NBME Pediatrics Milestones Assessment Group (**Burke AE**, (I) et al.). The pediatrics milestones assessment pilot: development of workplace-based assessment content, instruments and processes. *Academic Medicine*. 2017; 92:809-819.
6. Iskander, J, Rakestraw, HM, Morris, A, **Duby JC**, Wildman B. Group Triple P and Child Unintentional Injury Risk: A Pilot Study. *Children's Health Care*, Published Online January 25, 2018.
7. **Duby, JC.** Early Childhood Behavioral Health: Can the Medical Neighborhood Move Us Forward? *Pediatrics*, April 2018

8. **Duffee JH**, Mendelsohn AL, Kuo AA, et al. Early Childhood Home Visiting. *Pediatrics*. 2017;140(3):e20172150
9. Abongwa C, Abusin G, **El-Sheikh A**. Successful treatment of tacrolimus-related pure red cell aplasia and autoimmune hemolytic anemia with rituximab in a pediatric cardiac transplant patient. *Pediatr Blood Cancer* 2017 Dec; 64(12)
10. Sherwood MS, **Ey E** et al. A Protocol for the Administration of Real-Time fMRI Neurofeedback Training. *J. Vis Exp* 2017 Aug 24, (126)
11. Raman, S., **Guerrero-Duby, S.F.**, McCollough, J., Brown, M., Ostrowski, S., Langkamp, D.L., **Duby, J.C.** Screen Exposure during Routines and a Young Child's Risk for Having Social Emotional Delay. *Clinical Pediatrics*. 2017 Nov; 56(13):1244-1253.
12. U Jaimini, T Banerjee, W Romine, K Thirunarayan, A Sheth, and **Maninder Kalra**. Investigation of an Indoor Air Quality Sensor for Asthma Management in Children. *IEEE Sensors letters*. Vol 1, No.2, April 2017
13. Patel AD, Berg AT, Billingham L, Fain D, Fecske E, Feyma T, Grinspan Z, Houtrow A, Kothare S, **Kumar G**, Lee E, Monduy M, Morita D, Szperka CL, Victorio MC, Yeh A, Buchhalter JR. Quality improvement in neurology: Child neurology quality measure set: Executive summary. *Neurology*. 2018 Jan 9;90(2):67-73
14. **Kumar G**, Ludwig, B, **Patel V**. Vertebral artery dissection masquerading as concussion in an adolescent: Pediatric Emergency Care. 2018 May;34(5):e97-e99. doi: 10.1097/PEC.0000000000000847.
15. Joshi RS, **Kundu A** et al. A Model for Sustained Collaboration to Address the Unmet Global Burden of Bladder Exstrophy-Epispadis Complex and Penopubic Epispadis: The International Bladder Exstrophy Consortium. *JAMA Surg*. 2018 Mar 7. doi: 10.1001/jamasurg.2018.0067. [Epub ahead of print]
16. Li, M.D., Forkert, N.D., Kundu, P., Ambler, C., **Lober, R.M.**, Burns, T.C., Barnes, P.D., Gibbs, I.C., Grant, G.A., Fisher, P.G., Cheshier, S.H., Campen, C.J., Monje, M., Yeom, K.W. (2017) Brain perfusion and diffusion abnormalities in children treated for posterior fossa brain tumors. *J Pediatr*. Feb 7 [Epub ahead of print]. PMID: 28187964
17. Fujimura R, **Lober R, Kamian K, Kleiner L**. Maladjustment of programmable ventricular shunt valves by inadvertent exposure to a common hospital device. *Surg Neurol Int*. 2018 Mar 1;9:51. doi: 10.4103/sni.sni_444_17. eCollection 2018. PMID: 29576902
18. **Mehta S**, Khoury PR, Madsen NL, Dolan LM, Kimball TR, Urbina EM. Arterial Thickness and Stiffness Are Independently Associated with Left Ventricular Strain. *J Am Soc Echocardiogr*. 2018 Jan; 31(1)99-104. PMID:29174337
19. **Miller, M, Mirkin LD**. Classical metaphyseal lesions thought to be pathognomonic of child abuse are often artifacts or indicative of metabolic bone disease. *Medical Hypotheses* 115:65-71, 2018
20. **Pascoe JM**. Foreword: Pediatric Psychopharmacology for Primary Care Clinicians. *Curr Probl Pediatr Adolesc Health Care*. 2017 Jan;47(1):1-2. doi:10.1016/j.cppeds.2016.12.002. Epub 2017 Jan 12. PubMed PMID: 28089616.
21. Lee M, **Pascoe JM**, McNicholas CI. Reading, Mathematics and Fine Motor Skills at 5 Years of Age in US Children who were Extremely Premature at Birth. *Matern Child Health J*. 2017 Jan;21(1):199-207. doi: 10.1007/s10995-016-2109-7. PubMed PMID: 27423237.
22. Hommel KA, **Saaed, S** et al. Longitudinal Patterns of Medication Nonadherence and Associated Health Care Costs. *Inflamm Bowel Dis*. 2017, Sep 23(9); 1577-1583
23. Kaplan HC, **Saaed, S**. et al. Protocol of a Pilot study of Technology-Enabled Co-Production in Pediatric Chronic Illness care. *JMIR Res Protoc* 2017 Apr 28; 6(4) e71
24. Varni JW, **Saaed S**, et al. Perceived medication adherence barriers mediating effects between gastrointestinal symptoms and health-related quality of life in pediatric inflammatory bowel disease. *Qual Life Res* 2017 Sep 8
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37. **Salloum, S** "Suspicious fever of unknown origin", A case report of Kawasaki disease confirmed by echocardiography. Published at "Contemporary Pediatrics" journal on 1/1/2018 <http://contemporarypediatrics.modernmedicine.com/contemporary-pediatrics/news/suspicious-fever-unknown-origin>
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41. Yelton L, Holyoke A, Trout MJ, **Stolfi A,** Roman B. Peer instruction: An analysis of quality improvement at Boonshoft School of Medicine. *Med Sci Educator* 27:729-734, 2017.
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43. Akparibo IY, **Stolfi A.** Pilot certification, age of pilot, and drug use in fatal civil aviation accidents. *Aerosp Med Hum Perform* 88:931-936, 2017.
44. Alaziz M, **Stolfi A,** Olson DM. Cirrus airframe parachute system and odds of a fatal accident in Cirrus aircraft crashes. *Aerosp Med Hum Perform* 88:556-564, 2017.

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46. **Thackeray J** Ohio Medicaid Group VIII Assessment: A Report to the Ohio General Assembly, submitted to Ohio Joint Medicaid Oversight Commission January 2017.,
47. **Thackeray J**. Sentinel Injuries. *Pediatric Forum*. Summer 2017
48. **Thackeray J**, Storer M, Baum R, Fontanella C, Crane D, Applegate M. (2018) A Medicaid Quality Improvement Collaborative on Psychotropic Medication Prescribing in Children. Accepted for publication in *Psychiatric Services* 2018 Mar 1:appips201700547. doi: 10.1176/appi.ps.201700547. [Epub ahead of print]
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51. **Yohannan MD, Hilgeman J, Aillsbrook K**. Barber-say syndrome: a confirmed case of TWIST2 gene mutation. *Clin Case Rep*. 2017 Jun 2;5(7):1167-1169. doi: 10.1002/ccr3.1014. eCollection 2017 Jul.

Books, chapters, reviews

1. **Duby, JC**. Social and Emotional Development. In Voigt RG, Macias MM, Myers SM, Tapia CD, eds. *AAP Developmental and Behavioral Pediatrics*, 2nd ed. Itasca, IL: American Academy of Pediatrics. 2018
2. Mazhar, K., **Elluru, R.G**. In Paparella’s *Otolaryngology: Head and Neck Surgery*. Airway Management (Includes Tracheotomy and Intubation). Paparella, Selaimen Da Costa, and Singh editors. JP Medical Publishers, Inc., 2018. London, UK. Chapter 66.
3. **Elluru, R.G**. In Evidence Based Management of Vascular Anomalies. Perkins and Balakrishna editors. 2018
4. Prunty, S.L., **Elluru, R.G.**, Vijyasekeran, S. In Congenital Abnormalities of the Nose. In *Rhinology and Facial Plastic Surgery*, Fred J. Stucker et al, editors. Springer-Verlag, Berlin, 2018
5. **Thackeray J**, Benzinger E, Makoroff K. (2018). “The Role of Forensic Materials in Sexual Abuse and Assault” in *Child Abuse Medical Diagnosis and Management*, 4th Edition, Laskey A, Sirotiak A (eds), American Academy of Pediatrics
6. Culotta P, **Thackeray J**. (2018). “Medical Child Abuse” in *Child Abuse Medical Diagnosis and Management*, 4th Edition, Laskey A, Sirotiak A (eds), American Academy of Pediatrics

Published abstracts

1. **Pena-Almazan S, Stolfi A, Breyer P**. Experiences of patients with type 1 diabetes during transitioning to adult care. *Diabetes* 66:A640, 2017. 77th Scientific Sessions of the American Diabetes Association, San Diego, CA, June 9-13, 2017.
2. D. Lopez Domowicz, , A. Mejias, O. Ramilo, R. Wallihan, T. Florin, S. Shah, **S. Alter**, A. Desai, M. Keaton, O. El-Assal for the Children’s Hospital Initiative for Research in Pneumonia (CHIRP). Multicenter Adherence to Pediatric Infectious Diseases Society (PIDS) and Infectious Diseases Society of America (IDSA) Community Acquired Pneumonia (CAP) Guidelines and Clinical Outcomes. Proceedings of the Annual Meeting of the Pediatric Academic Societies. San Francisco, CA. May 2017.
3. L. Ambroggio, D. Lopez Domowicz,, A. Mejias, O. Ramilo, R. Wallihan, T. Florin, S. Shah, **S. Alter**, A. Desai, M. Keaton, O. El-Assal for the Children’s Hospital Initiative for Research in Pneumonia (CHIRP). Outpatient Antibiotic Use and Clinical Outcomes In Children Subsequently Hospitalized With Community-Acquired Pneumonia (CAP). Proceedings of the Annual Meeting of the Pediatric Academic Societies. San Francisco, CA. May 2017.
4. L. Ambroggio, R. Wallihan,, O. Ramilo,, A. Mejias,, S. Shah,, R. Ruddy, D. Lopez Domowicz,, O. El-Assal,, **S. Alter**, A. Desai, M. Keaton, T. Florin for the Children’s

Hospital Initiative for Research in Pneumonia (CHIRP). Mycoplasma pneumoniae testing and management in children with CAP. Proceedings of the Annual Meeting of the Pediatric Academic Societies. San Francisco, CA. May 2017.

5. D. Tapke, B. Price, P. Mustillo, **S. Alter**, R. Hage, LA Kerns, S. Linard, R. Marsh, K. Risma, N. Wasserbauer, R. Scherzer. Screening for Severe Combined Immunodeficiency on the Ohio Newborn Screen Using TREC Analysis: Experience from the First Four Years. Proceedings of the annual meeting of the AAAAI/WAO Joint Congress, Orlando, FL. March 2018.
6. S. Marzec, M. Brown, L. Ambroggio, A. Desai, A. Mejias, M. Keaton, O. Ramilo, R. Ruddy, **S. Alter**, **S. Shah**, T. Florin, R. Wallihan, and O. El-Assal for the Children's Hospital Initiative for Research in Pneumonia (CHIRP). Impact of Viral Testing on Duration of Antibiotic Therapy in Children Hospitalized with Community Acquired Pneumonia (CAP) in a Multicenter Study. Proceedings of the Annual Meeting of the Pediatric Academic Societies. Toronto, Canada. May 2018.
7. A. Juergensen, C. Garcia-Maurino, J. Estep, S. Sharpe, S. Mertz, A. Lebe, D. Salamon, O. El-Assal, L. Ambroggio, T. Florin, S. Shah, R. Ruddy, **S. Alter**, M. Keaton, A. Desai, R. Wallihan, O. Ramilo. Children with community-acquired pneumonia (CAP) demonstrate a unique pattern of colonization with potentially pathogenic bacteria (PPB). Proceedings of the Annual Meeting of the Pediatric Academic Societies. Toronto, Canada. May 2018.
8. T. Florin, L. Ambroggio, S. Shah, R. Ruddy, **S. Alter**, D. Cohen, A. Desai, O. El-Assal, M. Keaton, A. Mejias, R. Wallihan, O. Ramilo. Procalcitonin and clinical outcomes in pediatric community-acquired pneumonia. Proceedings of the Annual Meeting of the Pediatric Academic Societies. Toronto, Canada. May 2018.
9. **Boreman, C.** PACER Progress Report: Inter-Professional Education (IPE) Module. Poster presentation at Society of Teachers of Family Medicine (STFM) Conference on Practice Improvement. Louisville, KY www.stfm.org/cpi November 30-December 3, 2017
10. Gifford KA, Li ST, Schwartz A, **Burke AE**, Tancredi D, Guralnick S, Guillot A, Trimm F, Mahan JD. Do Milestones Reported to ACGME Describe Residents' Performance or Their Programs' Assessment Practices? Platform Presentation. Pediatric Academic Societies (PAS) Meeting. San Francisco, CA. May 7, 2017.
11. Gifford KA, Li ST, Schwartz A, **Burke AE**, Tancredi D, Guralnick S, Guillot A, Trimm F, Mahan JD. Do Milestones Reported to ACGME Describe Residents' Performance or Their Programs' Assessment Practices? Poster Presentation. Association of Pediatric Program Directors Meeting. Anaheim, CA. April 7, 2017.
12. Gifford KA, Thoreson LM, **Burke AE**, Reed S, Zastoupil L, Lockspeiser T, Mahan J. What is the individualized curriculum. Platform Presentation in Advances in Curriculum Development. Pediatric Academic Societies Meeting. Toronto Canada. May 8, 2018
13. Gifford KA, Schumacher DJ, Reed S, **Burke AE**, Zastoupil L, Thoreson L, Mahan J. What is the Individualized Curriculum? Poster Presentation. Association of Pediatric Program Directors Meeting. Atlanta, GA. March 22, 2018.
14. Baum RA, Gubernick R. **Duby J.** Practice Improvement to Address Adolescent Substance Use. Pediatric Academic Societies, Toronto, Canada, May 5-8, 2018
15. **Eberhart G, Pascoe J, Stolfi A.** Childhood Underinsurance in the Era of the Affordable Care Act. NAPCRG Practice-Based Research Network Conference, Bethesda, MD, June 22-23, 2017.
16. **Eberhart G, Pascoe JM, Stolfi A,** Spears W, Khamis H. Childhood underinsurance in southwestern Ohio: pre and post the affordable care act (ACA). E-PAS2018:3805.49 (poster). Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 5-8, 2018.
17. **Kalra, M.** Use of Upper Airway Cine MRI to Develop Personalized Treatment for Obstructive Sleep Apnea in Obese Children. American Thoracic Society annual meeting May 2017, Poster Discussion Session.

18. **Kalra, M** *Neck Circumference Percentile As a Predictor of Obstructive Sleep Apnea in Children.* American Thoracic Society annual meeting May 2017, Poster Session.
19. **Kalra, M** *Correlating Multimodal Signals with Asthma Control in Children using kHealth Personalized Digital Health system.* American Thoracic Society annual meeting May 2018, Poster Session
20. **Kalra, M** *Feasibility Of Recording Sleep Quality And Sleep Duration Using Fitbit In Children With Asthma.* Associated Professional Sleep Societies annual meeting, Poster Session June 2018
21. **Kiger ME, Riley C, Stolfi A, Burke AE, Morrison S, Lockspeiser T.** Use of individualized learning plans to facilitate feedback among Medical Students. Poster Presentation. Pediatric Academic Societies Meeting. Toronto Canada. May 5, 2018
22. **Lader M, Hanson C, Stolfi A, Hammond C, Belzer K, Schulteis D, Boreman C, Andarsio E, Burke AE.** A Program's Experience with Healer's Art: Fostering Compassionate Healing and Human Connection. Poster Presentation. Association of Pediatric Program Directors Meeting. Atlanta, GA. March 22, 2018.
23. **Lader M, Burke AE, Stolfi A, Andarsio E, Hanson C, Boreman C.** A program's experience with Healer's Art: fostering compassionate healing and human connection (poster). Association of Pediatric Program Directors (APPD) Annual Spring Meeting, Atlanta, GA, March 20-23, 2018.
24. **Miller ME.** Multiple Unexplained Fractures in 4 Sets of Triplets: Further Evidence that Infant Bone Strength is a Multifactorial Characteristic. Poster presentation at Pediatric Academic Society Meetings, San Francisco, May 5-8, 2017. Poster in Endocrinology Section
25. **Pascoe JM, Stolfi A, Eberhart G.** Childhood Underinsurance in the Era of the Affordable Care Act. Pediatric Academic Societies Annual Meeting, San Francisco, CA, May 7, 2017
26. **Stefko JM, Herriman R, Breyer P, Stolfi A, Pascoe JM.** Childhood strengths and difficulties and type 1 diabetes (T1D). E-PAS2018:2849.404 (poster). Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 5-8, 2018.
27. **Ginting KE, Stolfi A, Omoloja A.** Medical decision making, patient generated images and patient portals. E-PAS2018:2370.3 (platform). Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 5-8, 2018.
28. **St Cyr S, Bowman M, Hawash A, Stolfi A.** Health care provider religion and approach to advance care planning. North American Primary care Research Group Annual Meeting, Montreal, Quebec, November 17-21, 2017.
29. **Yelton LL, Gupta CL, Stolfi A, El-Sheikh A.** National exercise counseling practices of pediatric oncologists for pediatric cancer patients. *Pediatr Blood cancer* 64:S355, 2017. 49th Congress of the International Society of Paediatric Oncology (SIOP), Washington, DC, October 12-15, 2017.
30. **Elhor N, Hussain W, Stolfi A, Nicholson Y, Gupta A.** Reduction in hemoglobin A1c in children with type 1 diabetes after attending a diabetes camp. Ohio River Regional-American Association of Clinical Endocrinologists Annual Meeting, Columbus, OH, July 28-29, 2017.
31. **Herriman R, Drury A, Stefko JM, Stolfi A, Pascoe JM.** Parent depressive symptoms and child sleep: a cross-sectional study in a primary care setting. E-PAS2018:2859.487 (poster). Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 5-8, 2018.
32. **Akparibo I, Stolfi A.** Prevalence of coronary atherosclerosis in U. S. pilots autopsied after fatal civil aviation crashes (platform). Aerospace Medical Association (AsMA) 89th Annual Scientific Meeting, Dallas, TX, May 6-10, 2018.

Significant presentations

INTERNATIONAL PRESENTATIONS

1. **Duffee, J.** *Care of Children in Low Income or Poor Families: A Population Approach.* AAP Combined Region V and VII meeting. Ottawa, Canada; 08/13/2017
2. **Shehzad, S.** Video Capsule Endoscopy: A new imaging modality for visualization of the GI Tract. AAA/APPNA MERIT/NUMS Symposium, Rawalpindi, Pakistan, December 2017
3. **Shehzad, S.** Video Capsule Endoscopy: A new imaging modality for visualization of the GI Tract. Annual Scientific Conference, APPNA and AIMCON, Lahore, Pakistan

4. **Vish, N.** Community Based Injury Prevention Programs, ALAPE/CONAPEME Conference

NATIONAL PRESENTATIONS

1. **Brown, L** Spinal Rod pain pathway, American Society of Pain Management Nurses, Phoenix, Arizona, September 2017
2. **Burke, A.** Combating Burnout with Resilience: Developing a Culture of Faculty Wellness. Gogo B, Osta A, Burke AE, Church A, King M, McCabe M, Rana D, Serwint J. Workshop, Pediatric Academic Societies Meeting. San Francisco, CA. May 8, 2017.
3. **Burke, A.** Linking Humanism and Resilience: Teaching and Learning to be Present for Patients and yourself. Barone M, Burke AE, Serwint J. Workshop, Pediatric Academic Societies Meeting. San Francisco, CA. May 6, 2017.
4. **Burke, A.** Combating Burnout with Resilience: Developing a Culture of Faculty Wellness. McCabe M, Bostwick S, Burke AE, Church A, Gogo B, Hofkosh D, Osta A, Serwint J. Workshop, Association of Pediatric Program Directors Meeting. Anaheim, CA. April 6, 2017.
5. **Burke, A.** Incorporating Spiritual Humility in the Practice of Medicine: Understanding how Spiritual practices of Patients and Families relate to our Practice of Medicine. Osta A, Burke AE, Church A, Gogo B, Hofkosh D, McCabe M, Serwint J. Workshop, Association of Pediatric Program Directors Meeting. Anaheim, CA. April 6, 2017.
6. **Duby, J.** The top 10 things you could do to enhance behavioral and mental health training in your program. Panel Discussion. Association of Pediatric Program Directors, Anaheim, California. April 4, 2017
7. **Duby, J.** Mental Health Training in Pediatric Residency Education Webinar, Association of Medical School Pediatric Department Chairs, November 30, 2017
8. **Duby, J.** The Future: Meeting the Needs of Children, National Academy of Sciences, Engineering & Mathematics (NASEM) and American Board of Pediatrics Stakeholder Meeting for Mental Health in Pediatrics. Washington, DC. April 6, 2018
9. Baum RA, Gubernick R. **Duby J.** Practice Improvement to Address Adolescent Substance Use. Platform Presentation. Pediatric Academic Societies, Toronto, Canada, May 7, 2018
10. **Eberhart, G.** Platform Session Presentation, Childhood Underinsurance in the Era of the Affordable Care Act, Pediatric Academic Societies, 2017
11. **Kamian, K.** Presented at American Association of neurological surgeon April 22-26 Los Angeles
12. **Kamian, K.** A New Trick for an Old Dog: A Technical Advance for Minimally Invasive Sagittal Craniectomy, AANS 2017, Los Angeles, CA
13. **Omoloja, A.** Medical Decision Making, Patient Generated Images and Patient Portals. Poster presentation at the Pediatric Academic Societies (PAS) Annual meeting May 2018
14. **Sandberg, K.** Yarger E, Morgan P, Sandberg KC. "Improving Care for Our IBD Population through the Nurse Practitioner –led Annual Visit". NASPGHAN national meeting, Las Vegas, NV, November 1-4, 2017.
15. **Saunders, J.** Social Needs Screenings: The Tales of Two Hospitals. Children's Hospital Association 2017 Annual Leadership Conference, New Orleans, LA, November 7, 2017.
16. **Saunders, J.** Listening and Responding to the Voice of the Families. The Root Cause Coalition Annual Summit. Louisville, KY. October 10, 2017.
17. **Saunders, J.** Refining the Design - Using QI Practices for Greater Impact. Children's Hospital Association. Member Highlight Webinar. August 29, 2017.

18. **Saunders, J.** Addressing Social and Legal Needs in Pediatric Hospitals: Insights from Arkansas and Ohio. Association for Community Health Improvement 2017 National Conference. Denver, Colorado. March 10, 2017.
19. **Thackeray, J.** Seminar Session – Sentinel Injuries in Infants. American Academy of Pediatrics National Conference and Exhibition, Chicago, Illinois.
20. **Thackeray J.** Healthcare Cost Analysis of Medical Child Abuse, Ray E. Helfer Society Annual Meeting, Denver, Colorado 2017
21. Crichton K, Spencer S, Makoroff K, Izsak E, McPherson P, **Vavul-Roediger L**, Kim G, **Thackeray J.** Skeletal Surveys in Young Infants with Bruising: An Opportunity to Improve Quality of Care. Pediatric Trauma Society Annual Meeting, Charleston, South Carolina 2017

Visiting Professorships

Burke, A. Competency Based Assessment and Feedback: The Utility of the Pediatric Milestones. Burke AE. Visiting Professor University of California, Los Angeles (UCLA) Mattel Children’s Hospital Pediatric Grand Rounds. June 30, 2017.

Duby, J. University of Hawaii Department of Pediatrics, Honolulu, Hawaii, February 14-16, 2017

- Update - Pediatrics 2020 and Beyond - Preparing for the Plausible Future. Pediatric Grand Rounds
- Social Determinants of Health: Emotional, Behavioral, Mental Health Screening in Primary Care. Early Childhood Key Stakeholder Breakfast.
- Pediatric Leadership Forum on Mental Health
- Beyond Meds and Ratings: ADHD in Pediatric Practice, Pediatric Residency Conference
- SBIRT, Pediatric Residency Conference
- Early Intervention Services, Neonatology Fellows Conference

REGIONAL PRESENTATIONS

1. **Alter, S.** Vaccines on the Horizon. 13th Statewide Immunization Conference. Springfield, OH. November 15, 2017
2. **Burke, A.** The Pediatrics Milestones: Where are We and Where are We Going in this Competency-Based Assessment Framework? Burke AE. Nationwide Children’s Hospital/Ohio State University SOM Pediatric Grand Rounds and Visiting Professor for “Program Director Day”. December 7, 2017.
3. **Burke, A.** Declaration of Interdependence: Community, Continuity and Competence across the Continuum of Medical Education. Burke AE, Hirsh D, Keely M. University of Virginia Reunion Weekend Class of 1992 Lecture. Charlottesville, VA. April 29, 2017.
4. **Duby, J.** Baum, R. Duby, JC, and Maciejewski, H. Strategies to Improve the Confidence of Pediatric Primary Care Practitioners in the Care of Common Mental Health Conditions. All-Ohio Institute on Community Psychiatry, March 24-25, 2017, Columbus, Ohio
5. **Duffee, J.** *Trauma Informed Care in Pediatric Health Systems*. Adena Trauma Symposium. Chillicothe, Ohio; 04/29/2017
6. **Duffee, J.** *Trauma Aware Schools: Partnering for Lifelong Health*. Annual Meeting, Ohio Association of School Nurses.; 03/10/2018
7. **Saunders, J.** Strategies for Translating Community Health Assessment Data into Action. Midwest Forum on Hospitals, Health Systems and Population Health. Chicago, IL. November 30, 2017.
8. **Saunders, J.** The Dayton Asthma Alliance: Controlling Childhood Asthma Through Home Interventions. Ohio Healthy Homes Network. Columbus, OH. September 28, 2017.
9. **Saunders, J.** Plenary: Connections for Greater Health. Voices for Ohio’s Children 2017 Kids Summit. Columbus, OH. March 31, 2017

10. **Saunders, J.** Aligning for Community Impact. Voices for Ohio’s Children 2017 Kids Summit. Columbus, OH. March 31, 2017
11. **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
12. **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
13. **Thackeray, J.** Robert D. Hart, MD Endowed Lecture Series, Sentinel Injuries in Infants: Minor Trauma, Major Concern, Peoria, Illinois
14. **Thackeray, J.** Grand Rounds – Abusive Head Trauma in an Era of Denialism, University of Illinois College of Medicine, Peoria, Illinois
15. **Velasco, J.** Clinical Skills Workshop presenter at Ohio Lactation Consultants Associations Annual Breastfest Conference
16. **Vohra, A.** Society for Pediatric Sedation Conference, Practice Based learning Discussion: Dexmedetomidine ABCs of Capnography; Atlanta, GA; May 20-23
17. **Vohra, A.** Sedation Provider Course, Invited faculty for the simulation course, Center for Experiential learning and assessment, Vanderbilt University medical Center, Nashville, TN; July 19, 2017

5 Summary of Service Activities

Boonshoft School of Medicine Fourth Year Student Advising 2018

Bugnitz, C.	Cox, M.	Burke, A.
Sandberg, K.	Liker, K	Kuck, C.
Raslich, M.	Lader, M.	Vish, M.
Alter, S.	Onady, G.	Mitchell, E.
Dahlinghaus, E.	Thackeray, J.	Joshi, A.
Omoloja, A	King, M.	Venkatraman, R.
		Jeffers, A.
		Whitney, E

Committee membership/officer

Western Ohio Pediatric Society

1. **Guerrero-Duby, S.** Executive Committee and Vice President, , 2017-2018
2. **Parks, S.** Executive Committee and President, Western Ohio Pediatric Society, 2017-2018
3. **Toussaint, G., Treasurer,** 2017-2018

Wright State University Boonshoft School of Medicine

1. **Bates, M.** Faculty Promotion and Advancement Committee
2. **Burke, A.** Faculty Curriculum Committee, Chair
3. **Duby, J.** Member, Dean's Executive Committee
4. **Duby, J.** Member, Faculty Curriculum Committee
5. **Alter, S.** Member, Continuing Medical Education Committee
6. **Alter, S.** Member, Student Advising Group
7. **Alter, S.** Member, Promotion and Advancement Committee
8. **Alter, S.** LCME Steering Committee
9. **Alter, S.** Nominating Committee
10. **Raslich, M.** Bylaws Committee
11. **Raslich, M.** Continuing Medical Education Committee
12. **Taylor, E.** Student Promotion Committee
13. **Triplett, P.** Bylaws Committee

Wright State Physicians

1. **Duby, J.** Member, Board of Directors
2. **Duby, J.** Member, Finance Committee

Dayton Children's Hospital

Board of Trustees

Duby, J.
Eberhart, G.
Hardwick, M.
Krzmarzick, T.
Mezoff, A.

Professional Staff Executive Committee

Abboud, P.
Bates, M.
Duby, J.
Eberhart, G.
Hardwick, M.
Krzmarzick, T.
Mezoff, A.
Parker, W.
Ross, J.
Toussaint, G.

State

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 Chapter American Academy of Pediatrics, 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.** Member, Building Mental Wellness Learning Collaborative Advisory Board, Ohio Chapter, American Academy of Pediatrics, 2015-2017
11. **Duby, JC,** Member, Ohio Children’s Hospital Association Research Collaborative, 2016-present
12. **Thackeray, J.** Member, State Patient-Centered Medical Home Design Team Office of Health Transformation Columbus, Ohio, 2015-2017
13. **Thackeray, J.** Member Population Health Planning Advisory Group Health Policy Institute of Ohio Columbus, Ohio, 2015-2017

National

1. **Alter, S.** Member, Education Sub-committee of the Committee on Infectious Diseases, American Academy of Pediatrics, 2006-present
2. **Burke, A.** Co-Leader, Pediatric Entrustable Professional Activities (EPAs). *Writing Group for ABP-APPD*, 2015-Present
3. **Burke, A** Academic Pediatric Association, Milestone Expert Group: Practice Based Learning and Improvement, 2016-Present
4. **Burke, A.** Pediatric Review Committee, 2013-2019
5. **Burke, A.,** Pedialink Resident’s Center Group, American Academy of Pediatrics 2004-Present
6. **Burke, A.** Chair, Board of Directors, American Board of Pediatrics (ABP), 2018
7. **Burke, A.** Chair-Elect, Board of Directors, American Board of Pediatrics (ABP), 2017
8. **Burke, A.** Executive Committee, Board of Directors, American Board of Pediatrics, 2016-present
9. **Burke, A.** Board of Directors, American Board of Pediatrics Foundation, 2016-Present
10. **Burke, A.** Member, Audit Committee, American Board of Pediatrics, 2016-Present
11. **Burke, A.** Finance Committee, American Board of Pediatrics, 2015-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. **Duby, JC.** Past Presidents Committee Liaison to Early Childhood Special Interest Group, Society for Developmental and Behavioral Pediatrics, 2016-present
15. **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
16. **Duby, JC.** Member, Education Committee, Association of Medical School Pediatric Department Chairs, 2016-
17. **Duby, JC.** Immediate Past Chair, Sub Board in Developmental-Behavioral Pediatrics, American Board of Pediatrics, 2016-2018
18. **Duby, JC.** Editorial Board, *Clinical Practice in Pediatric Psychology*, 2012-
19. **Elluru, R.** Society for Ear, Nose and Throat Advances in Children, Inc. Treasurer, and President-Elect
20. **Elluru, R** Chair, Finance Committee, American Society for Pediatric Otolaryngology, 2016 - Present
21. **Elluru, R.** Section Editor *Pediatric Otolaryngology*, Medscape, 2014-current
22. **Elluru, R.** Guest Board Reviewer , American Board of Otolaryngology, 2018-current present
23. **Nanagas, M.** Academic Pediatric Association Site Co-Investigator, CORNET Research Network–Continuity Clinic, 2006-present

24. **Nanagas, M.** Member, American Academy of Pediatrics QUINN (Quality Improvement Research Network), 2009-present
25. **Nanagas, M.** Member, Pediatric Research in the Office Setting (PROS) , 2002 – present
26. **Onady, G.** Abstract and Presentations Committee. Cystic Fibrosis Foundation Therapeutic Development Network
27. **Onady, G.** Member, Cystic Fibrosis Foundation Center Committee
28. **Thackeray, J.** Chair, American Board of Pediatrics Sub board on Child Abuse Pediatrics, 2016 – 2017
29. **Thackeray, J.** Executive Committee Member, American Academy of Pediatrics Council on Foster Care, Adoption, and Kinship Care, 2017-present

Other

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

7 Patient Care Summary

New Specialty Care Center Opens on South Campus

The specialty care center opened in October 2016 as part of a major expansion of the south campus located in Springboro that began in July 2015. This ambulatory destination center on the 11-acre campus includes an additional 95,000 square feet added to the campus, for a total of 115,100 square feet. Specialty services in Cardiology, Endocrinology/diabetes, ENT, Gastroenterology, Neurology, Orthopaedics, Rehabilitation, Sleep medicine, and Sports medicine are now available at the South Campus.



New Pediatric Emergency Department Opens on South Campus

The highest level of customized emergency care for a child seriously hurt or ill is now available closer than ever to southern suburban families. The Dayton Children's south campus emergency department opened in January 2017, complete with 16 beds, a trauma room and 24-hour access.

New Patient Tower Opens

On July 16, 2017, Dayton Children's Hospital moved the first patients into the new patient tower. The 260,000 square-foot patient care tower is part of a long-term campus facilities plan that is creating a campus that meets the needs of patients, families and care providers well into the future. These new care spaces embody Dayton Children's unique patient care mission and offer places that facilitate the delivery of world-class pediatric care.



Key design elements of the patient tower include:

- Continuity of care - The new Comprehensive Cancer and Blood Disorders Center is a combined inpatient and outpatient unit and includes a pharmacy, infusion rooms for chemotherapy and an enhanced patient experience with dedicated child life specialists, indoor/outdoor play spaces, multiple space for family/patient interaction and a teen room.
- Better outcomes – The Newborn Intensive Care Unit further enhances the commitment to family-centered and developmentally-sensitive care through single-family room design which has been proven to increase skin-to-skin contact, enhance success rates of breastfeeding, further reduce infection and noise, and increase privacy – ultimately creating better outcomes for the region's most fragile babies. The new NICU also has a dedicated milk lab.
- Critical care technology – The critical care complex is a custom designed space to maximize efficiency and patient safety, while also providing more space for technology and family comfort for our most critically-ill and injured children in the pediatric intensive care unit and technology-dependent patients in our transitional care unit.
- Optimal healing environment: Patients requiring an overnight stay will benefit from the enhanced general pediatrics inpatient unit which will feature larger single-family rooms, improved technology and upgraded family amenities.

New Ambulatory Surgery Center Opens

In August 2017, Dayton Children's opened an outpatient surgery center on the South Campus in Springboro. Surgeries at the outpatient center focus on shorter procedures for otherwise healthy children, such as tonsils and tubes or hernia repairs. More complex or longer surgeries, or those for sicker children, still take place at the main campus in Dayton.

Dayton Children's south campus outpatient surgery center has:

- Eight pre-operative rooms
- Two induction rooms, where parents can stay with their child during anesthesia
- Four operating rooms
- Post anesthesia care unit with spaces for four beds
- Eight post-operative rooms.

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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 2018-19 Best Children's Hospitals rankings published online on June 26, 2018. The 12th annual Best Children's Hospitals rankings recognize the top 50 pediatric facilities across the U.S. in 10 pediatric specialties

American Pediatric Society, 2017 Ann Burke, MD

Best Doctors in America 2017-2018

Sherman J. Alter
Ann E. Burke
Robert C. Cohn
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

John C. Duby

Ravindhra G. Elluru

Adam G. Mezoff

John M. Pascoe

Joseph E. Ross

Yamini V. Teegala

Lawrence E. Daykin

Dayton Children's Hospital Professional Staff Recognition

Wallace B. Taggart, MD Award

2016 Daniel J. Lacey, MD, Ph.D.

2017 Laurence Kleiner, MD

Alan D. Shafer, MD Distinguished Service Awards

2016 Paul Breyer, MD

Robert Myers, DO

Douglas Prince, MD

2017 Ann Burke, MD

David Yohannon, MD

Wright State University Integrated Pediatric Residency Awards

2017 General Pediatrician Award: Paige Triplett, DO

Specialty Pediatrician Award: Mauricio Romero Olvera, MD

Emergency Pediatrician Award: Dana Drazner, MD

Rosemarie Reid Award: Jennifer Hilgeman, MD

Resident Teaching Award: Claire Hanson, MD

Resident of the Year: Korre Fairman, DO

2018 General Pediatrician Award: Shafee Salloum, MD

Specialty Pediatrician Award: Cassandra Burns, MD

Emergency Pediatrician Award: Dana Drazner, MD

Rosemarie Reid Award: Kira Belzer, MD

Resident Teaching Award: Nicholas DeAngelis, MD

Resident of the Year: Elizabeth Okonek, MD

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Other information

Kambiz Kamian, MD

- Currently working on signaling pathways that are activated by FGFR2 mutations in Non-syndromic Craniosynostosis in Tissue Culture (Periosteal, and the Fontanel) of the patients with Sagittal Synostosis (EFGFR-2 and PDGF alpha-receptor signaling by mutant FGF-receptor 2)

Kelly Sandberg, MD,MSc

- *Care of children with Inflammatory Bowel Disease (IBD)*. As the U.S. moves towards population management, more questions surrounding hospital care, surgery, and long-term risks will necessitate a clearer understanding of the processes and care practices currently employed. Please see bibliography (below) for current projects. Areas of focus include:
 1. Quality Improvement
 2. Structure and process of hospitalization
 3. Immunosuppressant therapies
- Current Major Projects Include:
 1. COMBINE study through ImproveCareNow. This study is a placebo-controlled, double blind, pragmatic, multi0site randomized clinical trial to compare anti-TNF monotherapy versus combination therapy with low-dose oral methotrexate for pediatric patients with IBD
 2. Sequential use of biologics through ImproveCareNow. This is a retrospective longitudinal observational cohort study to determine the frequency and pattern of usage of biologics in pediatric patients with IBD and to investigate factors associated with discontinuance of the first and subsequent biologic agents

Nora Vish, MD, MPH

Ongoing Research

- Awarded Research Scholar Grant to conduct secondary data analysis on The intersection between poverty and mental and behavioral health: How we can Maximize Health Care resources.

Maninder Kalra, MD

Computational Fluid Dynamics Modeling of Airway MRI to Predict Obstructive Sleep Apnea Surgical Outcomes in Obese Children.

- Computational simulation of biological phenomenon using anatomically accurate models that are amenable to physiologic manipulation is being utilized to develop an individualized surgical treatment plan for pediatric OSA. As an outcome of the proposed research, clinicians will have a new tool to preoperatively predict outcomes of common surgical interventions for OSA.

kHealth: Semantic Multisensory Mobile Approach to Personalized Asthma Care:

- With increasing adoption of mobile devices, social media and low-cost sensors, an unprecedented amount of health related data is being collected. We are developing knowledge empowered algorithms to make sense of this data deluge to help develop better asthma control strategies, and evaluating it with a cohort of 200 patients.

Membership in Research Networks - Ohio Pediatric Asthma Repository

- Ohio Pediatric Asthma Repository (OPAR) was initiated in 2012 to (1) build a comprehensive biorepository linking clinical, demographic, adherence, environmental, and health outcomes data with biologic specimens; and (2) to compare effectiveness of treatment strategies

employed at Ohio children's hospitals for acute asthma exacerbation. As part of OPAR, children admitted for treatment of asthma exacerbation at any of the 6 major Ohio children's hospitals are consented and prospectively enrolled in the repository, which now includes over 3,500 children.