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
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.
## Divisions

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<th>Name of Division</th>
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<td><strong>Adolescent and Young Adult Medicine</strong></td>
<td>Heather Stewart, MD</td>
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<td>David Morris, MD</td>
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<td>Jacquelyn Morillo-Delerme, MD</td>
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<td>Adrienne Stolfi, MSPH</td>
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<td>Alexandra Stolfi, RN, MBA, OCN</td>
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<td>Vipul Patel, MD</td>
<td>Aniket Joshi, MBBS</td>
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<td>Maria Nanagas, MD</td>
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<td>Marvin Miller, MD</td>
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<td>Ayman EL-Sheikh, MD, ChB</td>
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<td>Melanie Jungblut, MD</td>
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<td>Saraswathi Kalvakota, MBBS</td>
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<td>Anne Cata, MD</td>
<td>Bharati Kamdar, MD</td>
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<td>Vijay Chitkara, MBBS</td>
<td>Azar Kardan, MD</td>
<td>Marie Seiler, MD</td>
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<td>Nicole Cruz, MD</td>
<td>Amy Keebler Jones, MD</td>
<td>Mahesh Shah, MBBS</td>
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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
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
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
16. Lober, R. Pediatric neurologic emergencies. Pediatric Fundamental Critical Care Support Course. Wright State University Boonshoft School of Medicine, Dayton, OH. 5/12/2017
19. Mowery, D. “Spasticity: A tale of increased tone” – Invited Lecturer; 30th Annual Pediatric Orthopaedic Symposium, Dayton Children’s Hospital, Dayton, OH. September 2017
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
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
37. **Vohra, A. and Burns, G.** Toxicology teaching rounds, Dayton Children’s Hospital Grand Rounds, May 16, 2018
38. **Wasylshen-Velasco, J.** Lifelong Health Trajectories: Why the standard of care for infant nutrition matters, Dayton Children’s Hospital Grand Rounds, May 23, 2018

### 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
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.


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.


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.


Publications


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
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


Books, chapters, reviews


3. Elluru, R.G. In Evidence Based Management of Vascular Anomalies. Perkins and Balakrishna editors. 2018


Published abstracts


14. Baum RA, Gubernick R. Duby J. Practice Improvement to Address Adolescent Substance Use. Pediatric Academic Societies, Toronto, Canada, May 5-8, 2018


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
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

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

NATIONAL PRESENTATIONS


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


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


13. Omoloja, A. Medical Decision Making, Patient Generated Images and Patient Portals. Poster presentation at the Pediatric Academic Societies (PAS) Annual meeting May 2018


**Visiting Professorships**


**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.


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


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
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

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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. |
| Dahlingerhaus, 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
27. Onady, G. Member, Cystic Fibrosis Foundation Center Committee
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

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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.

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
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, multi-site 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.