

Pediatrics 2017 Annual Report – Division Highlights

General Pediatrics & Adolescent Medicine

DIVISION DESCRIPTION

The Division of General Pediatrics and Adolescent Medicine provides outstanding outpatient care for children 24 hours a day, every day of the year.

Our research focuses on family-centered care, quality improvement and systems redesign.

2017 HIGHLIGHTS

- **David Bernhardt, MD**, received the [2017 Thomas E. Shaffer Fellow of the American Academy of Pediatrics Award \(link to YIR story on faculty awards\)](#). The award, sponsored by Nationwide Children's Hospital, recognizes individuals who have made a significant contribution to the field of pediatric sports medicine by displaying leadership and vision, providing quality presentations, and publishing documents relevant to this specialty.
- **Elizabeth Cox, MD, PhD**, received a three-year Innovative Translational Science Award from the American Diabetes Association for her project, "Identifying Actionable Self-Management Barriers for Adults with Type 1 Diabetes." The newly funded research will develop and validate a version of [PRISM \(Problem Recognition in Illness Self-Management\) \(https://www.hipxchange.org/PRISM\)](https://www.hipxchange.org/PRISM), a 10-minute survey to identify diabetes self-management barriers among youth, to assess diabetes self-management barriers among adults.

Dr. Cox also received two awards from the Patient-Centered Outcomes Research Institute (PCORI) Pipeline to Proposal program. In the first project, she will partner with West Virginia University to engage stakeholders around the topic of preventing type 2 diabetes in West Virginia. In the second project, she will partner with the West Virginia Coalition Against Domestic Violence and West Virginia University to support the West Virginia Asking Women About Relationship Experiences (AWARE) Collaborative for Intimate Partner Violence Screening.

In addition, she received a one-year, \$54,637 Fall Competition award from the UW Office of the Vice Chancellor for Research and Graduate Education for her project, "The Impact of Influential Life Events on Self-Management of Type 1 Diabetes in Adulthood."

Finally, she will serve on the advisory panel of a four-year, \$2.7M grant from the Agency for Healthcare Research and Quality and the Centers for Medicare and Medicaid Services (AHRQ-CMS) project, "Implementing Measures Network for Child Health (Implement For Child Health)."

- **Mala Mathur, MD, MPH**, received a one-year, \$20,000 Youth Health Transition Quality Improvement Grant to implement formal readiness assessments and educate pediatric patients (both typical and with special health care needs) and their families during clinic visits on the process of transitioning to adult care. The award is funded through grants from the Wisconsin Department of Health Services, Division of Public Health, Bureau of Community Health Promotion, Family Health Section, Children and Youth with Special Health Care Needs Program to the Wisconsin Medical Home Initiative (WisMHI) at Children's Health Alliance of Wisconsin and the Youth Health Transition Initiative (YHTI) at the University of Wisconsin-Madison Waisman Center.

- **Megan Moreno, MD, MSED, MPH**, joined the division as chief and vice chair of digital health.
- **Dipesh Navsaria, MPH, MSLIS, MD**, became the new medical director of the [University of Wisconsin-Madison Physician Assistant Program](https://www.med.wisc.edu/education/physician-assistant-program/) (<https://www.med.wisc.edu/education/physician-assistant-program/>).

Dr. Navsaria was also elected to the executive committee of the American Academy of Pediatrics' Council on Early Childhood.

RECENT PUBLICATIONS

Abramson EL, **Paul CR**, Petershack J, Serwint J, Fischel JE, Rocha M, Treitz M, McPhillips H, Lockspeiser T, Hicks P, Tewksbury L, Vasquez M, Tancredi DJ, Li ST. Conducting quantitative medical education research: From design to dissemination. *Acad Pediatr*. 2017 Nov 5. pii: S1876-2859(17)30561-2. doi: 10.1016/j.acap.2017.10.008. [Epub ahead of print] Review. PubMed PMID: 29117573. *

Beck Dallaghan GL, Alerte AM, Ryan MS, Patterson PB, Petershack J, Christy C, Mills WA Jr, **Paul CR**, Peltier C, Stamos JK, Tenney-Soeiro R, Vercio C. Recruiting and retaining community-based preceptors: A multicenter qualitative action study of pediatric preceptors. *Acad Med*. 2017 Aug;92(8):1168-1174. doi: 10.1097/ACM.0000000000001667. PubMed PMID: 28353497.

Chung JS, Young HN, **Moreno MA**, Kliems H, **Cox ED**. Patient-centered outcomes research: brave new world meets old institutional policies. *Fam Pract*. 2017 Jun 1;34(3):296-300. doi: 10.1093/fampra/cmw129. PubMed PMID: 28122843.

Cox ED, Hansen K, Rajamanickam VP, Brown RL, Rathouz PJ, Carayon P, DuBenske LL, Buel LA, Kelly MM. Are parents who feel the need to watch over their children's care better patient safety partners? *Hosp Pediatr*. 2017 Dec;7(12):716-722. doi: 10.1542/hpeds.2017-0036. Epub 2017 Nov 15. PubMed PMID: 29141983; PubMed Central PMCID: PMC5703767.

Cox ED, **Jacobsohn GC**, Rajamanickam VP, Carayon P, Kelly MM, Wetterneck TB, Rathouz PJ, Brown RL. A family-centered rounds checklist, family engagement, and patient safety: A randomized trial. *Pediatrics*. 2017 May;139(5). pii: e20161688. doi: 10.1542/peds.2016-1688. PubMed PMID: 28557720; PubMed Central PMCID: PMC5404725.

Cox ED, Swedlund MP, Young HN, **Moreno MA**, Schopp JM, Rajamanickam V, Panepinto JA. Family engagement in pediatric sickle cell disease visits. *Health Commun*. 2017 Jan;32(1):51-59. Epub 2016 May 9. PMID: 27159356. DOI:10.1080/10410236.2015.1099503.

DeSantes K, Dodge A, Eickhoff J, Peterson AL. Improving universal pediatric lipid screening. *J Pediatr*. 2017 Sep;188:87-90. doi: 10.1016/j.jpeds.2017.05.030. Epub 2017 Jun 5. PubMed PMID: 28595766.

Evans YN, Gridley SJ, Crouch J, Wang A, **Moreno MA**, Ahrens K, Breland DJ. Understanding online resource use by transgender youth and caregivers: A qualitative study. *Transgend Health*. 2017 Aug 1;2(1):129-139. doi: 10.1089/trgh.2017.0011. eCollection 2017. PubMed PMID: 29082333; PubMed Central PMCID: PMC5628561.

Fiallo-Scharer R, Palta M, Chewning BA, Wysocki T, Wetterneck TB, **Cox ED**. Design and baseline data from a PCORI-funded randomized controlled trial of family-centered tailoring of diabetes self-management

resources. *Contemp Clin Trials*. 2017 Jul;58:58-65. doi: 10.1016/j.cct.2017.04.007. Epub 2017 Apr 24. PubMed PMID: 28450194; PubMed Central PMCID: PMC5535788.

Gritton J, Rushing SC, Stephens D, Ghost Dog T, Kerr B, **Moreno MA**. Responding to concerning posts on social media: Insights and solutions from American Indian and Alaska Native youth. *Am Indian Alsk Native Ment Health Res*. 2017;24(3):63-87. doi: 10.5820/aian.2403.2017.63. PubMed PMID: 29161455.

Ha B, O'Sullivan DL, Diamond CA, **Plumb AJ, Sleeth JS**, Greer FR, Kling PJ. Improving rates of screening for anemia in infancy. *Clin Pediatr (Phila)*. 2017 Nov 1:9922817744608. doi: 10.1177/0009922817744608. [Epub ahead of print] PubMed PMID: 29183146. *

Haase JE, Kintner EK, Robb SL, Stump TE, Monahan PO, Phillips C, Stegenga KA, **Burns DS**. The resilience in illness model part 2: Confirmatory evaluation in adolescents and young adults with cancer. *Cancer Nurs*. 2017 Nov/Dec;40(6):454-463. doi: 10.1097/NCC.0000000000000450. PubMed PMID: 27984241; PubMed Central PMCID: PMC5471133.

Li ST, **Frohna JG**, Bostwick SB. Using your personal mission statement to INSPIRE and achieve success. *Acad Pediatr*. 2017 Mar;17(2):107-109. doi: 10.1016/j.acap.2016.11.010. Epub 2016 Nov 19. PMID: 27876587. DOI:10.1016/j.acap.2016.11.010.

Mendoza JA, Baker KS, **Moreno MA**, Whitlock K, Abbey-Lambertz M, Waite A, Colburn T, Chow EJ. A Fitbit and Facebook mHealth intervention for promoting physical activity among adolescent and young adult childhood cancer survivors: A pilot study. *Pediatr Blood Cancer*. 2017 Dec;64(12). doi: 10.1002/psc.26660. Epub 2017 Jun 15. PubMed PMID: 28618158.

Moreno MA, Vaillancourt T. The role of health care providers in cyberbullying. *Can J Psychiatry*. 2017 Jun;62(6):364-367. doi: 10.1177/0706743716684792. PubMed PMID: 28562092; PubMed Central PMCID: PMC5455868.

Moreno MA, Waite A, Pumper M, Colburn T, Holm M, Mendoza J. Recruiting adolescent research participants: In-person compared to social media approaches. *Cyberpsychol Behav Soc Netw*. 2017 Jan;20(1):64-67. doi: 10.1089/cyber.2016.0319. Epub 2016 Dec 15. PubMed PMID: 27976951.

Moreno MA. Early animal exposure and childhood illnesses. *JAMA Pediatr*. 2017 Jul 1;171(7):716. doi: 10.1001/jamapediatrics.2016.3121. PubMed PMID: 28672344.

Moreno MA. Guidelines for children with peanut allergy. *JAMA Pediatr*. 2017 Jan 1;171(1):100. doi: 10.1001/jamapediatrics.2016.3085. PubMed PMID: 28030748.

Moreno MA. How to talk to your children about tragedies in the news. *JAMA Pediatr*. 2017 Oct 1;171(10):1024. doi: 10.1001/jamapediatrics.2017.2351. PubMed PMID: 28783806.

Moreno MA. Low back pain in children and adolescents. *JAMA Pediatr*. 2017 Mar 1;171(3):312. doi: 10.1001/jamapediatrics.2016.3091. PubMed PMID: 28264103.

Moreno MA. New approaches for appendicitis in children. *JAMA Pediatr*. 2017 Nov 1;171(11):1132. doi: 10.1001/jamapediatrics.2017.2935. PubMed PMID: 28873127.

Moreno MA. New updates on concussions in girls and menstrual patterns. *JAMA Pediatr*. 2017 Sep 1;171(9):924. doi: 10.1001/jamapediatrics.2017.1893. PubMed PMID: 28672404.

Moreno MA. Prenatal alcohol exposure: No safe amount. *JAMA Pediatr*. 2017 Aug 1;171(8):820. doi: 10.1001/jamapediatrics.2017.1093. PubMed PMID: 28586867.

Moreno MA. Reducing the risk of sudden infant death syndrome. *JAMA Pediatr.* 2017 Feb 1;171(2):204. doi: 10.1001/jamapediatrics.2016.3097. PubMed PMID: 28166332.

Moreno MA. Seeking health information online. *JAMA Pediatr.* 2017 May 1;171(5):500. doi: 10.1001/jamapediatrics.2016.3109. PubMed PMID: 28460132.

Moreno MA. Supportive policies affect the health of LGBTQ youth. *JAMA Pediatr.* 2017 Apr 1;171(4):404. doi: 10.1001/jamapediatrics.2016.3103. PubMed PMID: 28384688.

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Paul CR, Gjerde CL, **McIntosh G,** Weber LS. Teaching the pediatric ear exam and diagnosis of Acute Otitis Media: a teaching and assessment model in three groups. *BMC Med Educ.* 2017 Aug 29;17(1):146. doi: 10.1186/s12909-017-0988-y. PubMed PMID: 28851343; PubMed Central PMCID: PMC5574227.

Reardon CL, Davis S, Jacklitz J, **Navsaria D,** Pillai P, Schapiro R, Seibert C. Beyond the controversy about advocacy. *Acad Med.* 2017 Apr;92(4):425. doi: 10.1097/ACM.0000000000001586. PubMed PMID: 28350590.

Shah S, Galdo JA, Kanchanasuwan S, **Cox ED,** **Moreno MA,** Young HN. Impact of bubble packaging on adherence to long-term oral medications used to prevent cardiovascular disease. *J Pharm Technol.* 2017 April;33(3):114-120. DOI: 10.1177/8755122517702171.

Simckes MS, Simonetti JA, **Moreno MA,** Rivara FP, Oudekerk BA, Rowhani-Rahbar A. Access to a loaded gun without adult permission and school-based bullying. *J Adolesc Health.* 2017 Sep;61(3):329-334. doi: 10.1016/j.jadohealth.2017.03.022. Epub 2017 Jun 24. PubMed PMID: 28652055.

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Yaeger JP, **Moreno MA.** The role of age and setting in adolescents' first drinking experience for predicting college problem drinking. *J Am Coll Health.* 2017 Oct;65(7):506-512. doi: 10.1080/07448481.2017.1341767. Epub 2017 Jun 16. PubMed PMID: 28622114; PubMed Central PMCID: PMC5771674.

Ye CY, Jeppson TC, Kleinmaus EM, Kliems HM, Schopp JM, **Cox ED.** Outcomes that matter to teens with Type 1 diabetes. *Diabetes Educ.* 2017 Jun;43(3):251-259. doi: 10.1177/0145721717699891. Epub 2017 Mar 21. PubMed PMID: 28520550.

Young HN, Len-Rios ME, Brown R, **Moreno MM,** **Cox E.** How does patient-provider communication influence adherence to asthma medications? *Patient Educ Couns.* 2017 Apr;100(4):696-702. doi: 10.1016/j.pec.2016.11.022. Epub 2016 Nov 28. PubMed PMID: 27916463. **

*ePub only; no print citation available when report was compiled
 ** Publication had previously appeared in 2016 report as an ePub

GRANT SUPPORT

Faculty/Role	Funding Agency	Title
Allen, Brittany J (co-project leader) with Rehm, Jennifer L (co-project leader)	UWF - University of Wisconsin Foundation	An integrated path for transgender youth
Allen, Brittany J (academic partner with Rehm, Jennifer L and Wisconsin Transgender Health Coalition)	Wisconsin Partnership Program	Transgender health - a new horizon in equity and health care
Cox, Elizabeth (PI)	Medical College of Wisconsin	The Midwest Child Patient Reported Outcomes (M-cPROs) consortium
Cox, Elizabeth (PI)	Patient-Centered Outcomes Research Institute	Family-centered tailoring of pediatric diabetes self-management resources
Cox, Elizabeth (PI)	UWF - Wisconsin Partnership – MERC	ICTR community-academic partnerships, PROKids
Cox, Elizabeth (PI)	Wisconsin Alumni Research Foundation	The impact of influential life events on self-management of type 1 diabetes in adulthood
Cox, Elizabeth D (faculty lead of the Health Innovation Program) with Drezner, Marc (PI)	DHHS, PHS, National Institutes of Health	UW-ICTR
Cox, Elizabeth D (co-I) with Bartels, Christie (PI)	Wisconsin Partnership Program	Engaging stakeholders in integration of preventive care and health promotion in rheumatology clinics
Cox, Elizabeth D (co-I) with Brooks, M. Alison (PI)	NIH/NCATS and Institute for Clinical & Translational Research (UW-ICTR)	Academic effects of concussion in the high school athlete
Cox, Elizabeth D (co-PCOR faculty lead) with Smith, Maureen (PI)	NIH/NCATS and Institute for Clinical & Translational Research (UW-ICTR)	ICTR community-academic partnership supplement
Cox, Elizabeth D (multiple PI)	NIH, UW-ICTR	Engaging Stakeholders to Support Clinical Trials
Cox, Elizabeth D (co-I) with Ward, Earlise (PI)	NIH/NCATS and Institute for Clinical & Translational Research (UW-ICTR)	Faith and Academic Engagement (FAE): Designing innovative faith-based depression
DeSantes, Kathleen A (PI)	Wisconsin Rural Physician Residency Assistance Program (WRPRAP)	WRPRAP funded rural rotations
Moreno, Megan A (PI)	DHHS, PHS, National Institutes of Health	Adolescent tanning and social media
Moreno, Megan A (PI)	DHHS, PHS, National Institutes of Health	Marijuana ads in traditional and social media: Influence and policy implications
Moreno, Megan A (PI)	DHHS, PHS, National	SM BASICS: development and testing of a social media enhanced

	Institutes of Health	intervention
Moreno, Megan A (PI)	DHHS, PHS, National Institutes of Health	Understanding the impact of cyberbullying news coverage on youth and families: Implications for future interventions
Moreno, Megan A (PI)	Northeast Portland Area Indian Health Board	THRIVE: Reducing teen suicide in AI/NA populations
Moreno, Megan A (PI)	University of Washington	Social media for ART adherence and retention in adolescents and young adults: the Vijana-SMART study
Moreno, Megan A (PI)	Wellesley College	Parent and peer influences on social media use in early adolescence: Implications for psychosocial and behavioral health
Navsaria, Dipesh (PI)	UWF - University of Wisconsin Foundation	MEDiC—Center for Families pediatric clinic
Navsaria, Dipesh (academic partner) with Wisconsin Academy of Pediatrics Foundation	Wisconsin Partnership Program	ACTIVATE: Advocacy for Children - Transformational Impact Via Action and Teamwork for Engagement
Navsaria, Dipesh (Tier 3 Director) with Petty, Elizabeth (co-I) and Remington, Patrick (PI)	HRSA	Training in Primary Care Medicine- Interdisciplinary and Interprofessional Graduate Joint Degree Program