



## **2018 Annual Report**

### ***Division of Hospital Medicine***

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#### **DIVISION DESCRIPTION**

The Division of Pediatric Hospital Medicine provides exceptional coordinated, family-centered inpatient general pediatric care at American Family Children's Hospital and SSM Health St. Mary's Hospital. The division also houses the Pediatric Complex Care Program and participates in delivery of sedation services within American Family Children's Hospital.

Our scholarly work focuses on system improvements related to patient- and family-centered care, education in inpatient pediatric medicine, care of children with medical complexity and global health.

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#### **2018 HIGHLIGHTS**

- **Ann Allen, MD**, received the Department of Pediatrics' Lobeck Award for Outstanding Teaching in Pediatrics (Clerkship) at our residency graduation ceremony in June 2018.
- **Ryan Coller, MD, MPH**, received a 2018 UW Health Rising Star Clinical Excellence Award, which honors outstanding clinicians and educators who have, in a more limited tenure at UW Health and SMPH, demonstrated exceptional and measurable contributions to clinical practice.
- **Ryan Coller, MD, MPH**, and **Mary Ehlenbach, MD**, are co-principal investigators on a new four-year, \$226,521 grant from the Children's Hospital of Wisconsin and the Health Resources and Services Administration (HRSA). Their project, "Healthcare Delivery System Innovations for Children with Medical Complexity," aims to improve the quality of life for children with medical complexity, the well-being of their families, and the cost-effectiveness of their care, by developing and implementing innovative care and payment models.

Drs. Coller and Ehlenbach also received a subaward for up to four years (\$75,000 in Year 1) from the University of Colorado-Denver and the Health Resources and Services Administration (HRSA). They will lead two initiatives for the new National Research Network for Children and Youth with Special Health Care Needs (CYSHCNNet): an expert panel and stakeholder groups to develop a national research agenda for this population, and an evaluation of an innovative health information technology tool to collect repeated measures of caregiver confidence of the health of children with medical complexity over time.

In addition, Drs. Ehlenbach and Coller received a one-year, \$20,000 grant from the Children's Hospital of Wisconsin, on behalf of the Children's Health Alliance of Wisconsin's Medical Home Initiative. In their project, "Advancing Family-Centered Care Coordination for Children and Youth with Special Health Care Needs," the Pediatric Complex Care Program will engage stakeholders and families to improve the shared care planning experience and documentation.

Finally, medical student Wenzhu Sun (mentors: **Ryan Coller, MD, MPH**, and **Mary Ehlenbach, MD**) received a Shapiro Summer Research Award for the project, "Diverting Children with Medical Complexity from the ED Through Complex Care."

- **Mary Ehlenbach, MD**, was selected as the inaugural recipient of the [Paster Family Foundation Innovation Award](#) for her work to design and implement the Pediatric Complex Care Program at American Family Children's Hospital, which has improved the health and touched the lives of over 300 children.
- **Jonathan Fliegel, MD**, received the Department of Pediatrics' Todd Varness Outstanding Clinical Teacher (Residency) at our residency graduation ceremony in June 2018.

Dr. Fliegel also served as lead editor for on-line publication of the American Academy of Pediatrics (AAP) PREP Hospital Medicine (PREP HM), first released in 2018. PREP HM is the AAP's continuing medical education resource for self-study and preparation for the American Board of Pediatrics Pediatric Hospital Medicine certification examination, to be offered in Fall 2019.

- **Michelle Kelly, MD**, received a one-year, \$75,000 University of Wisconsin Institute for Clinical and Translational Research (UW ICTR) Clinical and Community Outcomes Research award for her project, "Sharing Doctors' Notes to Improve Parent Understanding of Their Hospitalized Child's Care Plan." **Ryan Coller, MD, MPH**; **Daniel Sklansky, MD**; and **Shannon Dean, MD**, also serve as project advisors.
- Medical student Lucia Covert (mentor: **Kristin Shadman, MD**) received a Shapiro Summer Research Award for the project, "Current Safe Sleep Education across Wisconsin Birth Hospitals."
- Residents in the University of Wisconsin Department of Family Medicine and Community Health's Madison residency program selected **Daniel Sklansky, MD**, as the 2018 recipient of its Clinical Teaching Award.
- **Nicole St Clair, MD**, was elected to a second term on the executive committee of the Section on International Child Health of the American Academy of Pediatrics.

Dr. St. Clair, along with **Sabrina Butteris, MD** led the development of "[Global Health in Pediatric Education: An Implementation Guide for Program Directors](#)," a national resource for educators developed on behalf of the American Board of Pediatrics Global Health Task Force.

- **Sarah Webber, MD**, and Natalie Guerrero, PhD, received a one-year, \$10,000 grant from the UW ICTR Medical Scientist Training Program (MSTP) Pilot Award Program for their project, "Community Health Worker Pilot Program for Latino Mothers and Infants." They will evaluate a targeted, evidence-based, linguistically and culturally relevant Community Wellness Worker-led postpartum support group program to improve maternal-child wellness in the Latino community.

Dr. Webber was also chosen from over 200 applicants as one of three American Academy of Pediatrics (AAP) participants in the Women's Wellness through Equity and Leadership (WEL) cohort.

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## RECENT PUBLICATIONS

Arora G, Esmaili E, Pitt MB, Green A, Umphrey L, **Butteris SM, St Clair NE**, Batra M, O'Callahan C; Global Health Task Force of the American Board of Pediatrics. Pediatricians and global health: opportunities and considerations for meaningful engagement. *Pediatrics*. 2018 Aug;142(2). pii: e20172964. doi: 10.1542/peds.2017-2964. Review. PubMed PMID: 30054345.

Barnert ES, **Coller RJ**, Nelson BB, Thompson LR, Klitzner TS, Szilagyi M, Breck AM, Chung PJ. A healthy life for a child with medical complexity: 10 domains for conceptualizing health. *Pediatrics*. 2018 Sep;142(3). pii: e20180779. doi: 10.1542/peds.2018-0779. Epub 2018 Aug 17. PubMed PMID: 30120101.

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Hoonakker P, Hose BZ, Carayon P, Eithun B, Brazelton T, **Dean S, Kelly M**, Kohler J, Ross J, Rusy D, Gurses A. Things falling through the cracks: information loss during pediatric trauma care transitions. In: Bagnara S, Tartaglia R, Albolino S, Alexander T, Fujita Y, eds. *Proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018)*. IEA 2018. *Advances in Intelligent Systems and Computing*, vol 818. Springer, Cham. [https://doi.org/10.1007/978-3-319-96098-2\\_60](https://doi.org/10.1007/978-3-319-96098-2_60).

Hose BZ, Carayon P, Wooldridge A, Brazelton T, **Dean S**, Eithun B, **Kelly M**, Kohler J, Ross J, Rusy D, Gurses A. Challenges of disposition decision making for pediatric trauma patients in the emergency department. In: Bagnara S, Tartaglia R, Albolino S, Alexander T, Fujita Y, eds. *Proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018)*. IEA 2018. *Advances in Intelligent Systems and Computing*, vol 818. Springer, Cham. [https://doi.org/10.1007/978-3-319-96098-2\\_44](https://doi.org/10.1007/978-3-319-96098-2_44).

Kadir A, Shenoda S, Goldhagen J, Pitterman S; SECTION ON INTERNATIONAL CHILD HEALTH (**St. Clair NE**, collaborator). The effects of armed conflict on children. *Pediatrics*. 2018 Dec;142(6). pii: e20182586. doi: 10.1542/peds.2018-2586. Epub 2018 Nov 5. PubMed PMID: 30397168.

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**Kelly MM, Collier RJ**, Kohler JE, Zhao Q, **Sklansky DJ, Shadman KA**, Thurber A, Barreda CB, Edmonson MB. Trends in hospital treatment of empyema in children in the United States. *J Pediatr*. 2018 Nov;202:245-251.e1. doi: 10.1016/j.jpeds.2018.07.004. Epub 2018 Aug 28. PubMed PMID: 30170858.

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Lister M, **St Clair N**. Neck Pain. In: Zaoutis L, Chiang V, eds. *Comprehensive Pediatric Hospital Medicine, 2<sup>nd</sup> edition*. New York: McGraw-Hill Education; 2018: 131-136.

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Watts J, Russ C, **St Clair NE**, Uwemedimo OT. Landscape analysis of global health tracks in United States pediatric residencies: Moving toward standards. *Acad Pediatr*. 2018 Aug;18(6):705-713. doi: 10.1016/j.acap.2018.03.009. Epub 2018 Mar 28. PubMed PMID: 29604460.

Webber S, **Butteris SM**, **Houser L**, Coller K, **Coller RJ**. Asset-based community development as a strategy for developing local global health curricula. *Acad Pediatr*. 2018 Jul;18(5):496-501. doi: 10.1016/j.acap.2018.02.001. Epub 2018 Feb 7. PubMed PMID: 29427688.

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*\*ePub only; no print citation available when report was compiled*

*\*\* Publication had previously appeared in 2017 report as an ePub*

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#### GRANT SUPPORT

Principal Investigator	Sponsor	Title	Co-Investigators
Coller, Ryan	Health Resources & Services Administration (HRSA) & Children's Hospital of Wisconsin	Healthcare delivery system innovations for children with medical complexity	Hospital Medicine: Mary Ehlenbach
Coller, Ryan	Health Resources & Services Administration (HRSA) & University of Colorado - Denver	Children and youth with special health care needs research network programs	Hospital Medicine: Mary Ehlenbach
Smith, Eileen (Wisconsin Partnership Program)	Wisconsin Partnership Program	Community health worker led postpartum support group for Latino mothers and infants	Hospital Medicine: Ryan Coller (Academic Partner), Sarah Webber
Ehlenbach, Mary L	Wisconsin Department of Health Services & Children's Health Alliance of Wisconsin	Advancing family-centered care coordination for children and youth with special health care needs	Hospital Medicine: Ryan Coller
Ehlenbach, Mary L	University of Wisconsin Foundation	Paster family foundation award	
Kelly, Michelle M	UW - Institute for Clinical and Translational Research/ Wisconsin Partnership Program	Sharing doctors' notes to improve parent understanding of their hospitalized child's care	Hospital Medicine: Ryan Coller, Shannon Dean, Daniel Sklansky

Carayon, Pascale (UW Department of Industrial and Systems Engineering)	Health Resources & Services Administration (HRSA)	Teamwork and care transitions in pediatric trauma: Implications for HIT design	Critical Care: Tom Brazelton  Hospital Medicine: Shannon Dean, Michelle Kelly
Webber, Sarah A	UW - Institute for Clinical and Translational Research	Community health worker pilot program	