

## Pediatrics 2017 Annual Report – Division Highlights

### *Hospital Medicine*

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#### DIVISION DESCRIPTION

The Division of Pediatric Hospital Medicine provides exceptional coordinated, family-centered inpatient general pediatric care. The division also houses the Pediatric Complex Care Program, the Pediatric Diagnostic Referral Clinic, 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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#### 2017 HIGHLIGHTS

- **Ann Allen, MD**, was awarded a clinical teacher award from the UW Department of Family Medicine and Community Health's Madison residency program. She was also named the UW Department of Pediatrics' medical director for community hospital medicine.

- **Ryan Coller, MD, MPH**, was selected to serve as a member of the National Quality Forum's (NQF) Care Coordination Standing Committee for the Care Coordination Endorsement Maintenance Project.

He also received the UW Department of Pediatrics' 2017 Gerard B. Odell Research Award. This award, first established in 1994, is given to an assistant or associate professor in the department in recognition of outstanding research accomplishments and demonstrated potential for future contributions.

- Research by **Shannon Dean, MD**, was highlighted in a [video produced by the Joint Commission Quality and Safety Network](http://4573.commun.qualityandsafetynetwork.com/) (<http://4573.commun.qualityandsafetynetwork.com/>).
- **Mary Ehlenbach, MD** and **Ryan Coller, MD, MPH**, and a multidisciplinary Wisconsin stakeholder team joined a 10-state Collaborative Improvement and Innovation Network (CoIIN) funded by the Health Resources and Services Administration to improve care for children with medical complexity. **Dr. Ehlenbach** was also awarded a QI grant from the Children's Health Alliance of Wisconsin to improve shared care planning for children with medical complexity.
- **Dan Sklansky, MD**, received the UW Department of Pediatrics' Todd Varness Teaching Award.
- **Sarah Webber, MD**, was invited to a visiting professorship at the Medical College of Wisconsin, supported by an American Academy of Pediatrics Rome CATCH grant. Her Grand Rounds and workshops covered advances in local global health, and a community wellness worker program developed in partnership with Centro Hispano of Dane County to support post-partum Latina mothers in the Madison area.

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#### RECENT PUBLICATIONS

Arora G, Condurache T, Batra M, **Butteris SM**, Downs T, Garfunkel L, Newcomer CA, Perkins KL, Schubert C, **St Clair NE**. Miles away milestones: A framework for assessment of pediatric residents during global health rotations. *Acad Pediatr*. 2017 Jul;17(5):577-579. doi: 10.1016/j.acap.2016.12.018. Epub 2017 Jan 12. PubMed PMID: 28088525.

Arora G, Russ C, Batra M, **Butteris SM**, Watts J, Pitt MB. Bidirectional exchange in global health: Moving toward true global health partnership. *Am J Trop Med Hyg.* 2017 Jul;97(1):6-9. doi: 10.4269/ajtmh.16-0982. PubMed PMID: 28719333; PubMed Central PMCID: PMC5508910.

Barnert ES, **Coller RJ**, Nelson BB, Thompson LR, Chan V, Padilla C, Klitzner TS, Szilagyi M, Chung PJ. Experts' perspectives toward a population health approach for children with medical complexity. *Acad Pediatr.* 2017 Aug;17(6):672-677. doi: 10.1016/j.acap.2017.02.010. Epub 2017 Feb 27. PubMed PMID: 28246024; PubMed Central PMCID: PMC5545175.

Bensman RS, Slusher TM, **Butteris SM**, Pitt MB, On Behalf Of The Sugar Pearls Investigators, Becker A, Desai B, George A, Hagen S, Kiragu A, Johannsen R, Miller K, Rule A, **Webber S**. Creating online training for procedures in global health with PEARLS (Procedural Education for Adaptation to Resource-Limited Settings). *Am J Trop Med Hyg.* 2017 Nov;97(5):1285-1288. doi: 10.4269/ajtmh.16-0936. Epub 2017 Aug 18. PubMed PMID: 28820680.

**Coller RJ, Kelly MM, Ehlenbach ML**, Goyette E, Warner G, Chung PJ. Hospitalizations for ambulatory care-sensitive conditions among children with chronic and complex diseases. *J Pediatr.* 2017 Nov 30. pii: S0022-3476(17)31447-6. doi: 10.1016/j.jpeds.2017.10.038. [Epub ahead of print] PubMed PMID: 29198530. \*

**Coller RJ**, Klitzner TS, Saenz AA, Lerner CF, Alderette LG, Nelson BB, Chung PJ. Discharge handoff communication and pediatric readmissions. *J Hosp Med.* 2017 Jan;12(1):29-35. PubMed PMID: 28125824.

**Coller RJ**, Komatz K. Children with medical complexity and neglect: Attention needed. *J Child Adolesc Trauma.* 2017 May;1-6. doi: 10.1007/s40653-017-0154-z.

**Coller RJ**, Nelson BB, Klitzner TS, Saenz AA, Shekelle PG, Lerner CF, Chung PJ. Strategies to reduce hospitalizations of children with medical complexity through complex care: Expert perspectives. *Acad Pediatr.* 2017 May - Jun;17(4):381-388. doi: 10.1016/j.acap.2017.01.006. Epub 2017 Jan 18. PubMed PMID: 28108374.

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.

**Kelly MM, Coller RJ**, Hoonakker PL. Inpatient portals for hospitalized patients and caregivers: A systematic review. *J Hosp Med.* 2017 Dec 20. doi: 10.12788/jhm.2894. [Epub ahead of print] PubMed PMID: 29261819. \*

**Kelly MM, Dean SM**, Carayon P, Wetterneck TB, Hoonakker PL. Healthcare team perceptions of a portal for parents of hospitalized children before and after implementation. *Appl Clin Inform.* 2017 Mar 15;8(1):265-278. doi: 10.4338/ACI-2016-11-RA-0194. PubMed PMID: 28293685; PubMed Central PMCID: PMC5373769.

**Kelly MM**, Hoonakker PL, **Dean SM**. Using an inpatient portal to engage families in pediatric hospital care. *J Am Med Inform Assoc.* 2017 Jan;24(1):153-161. doi: 10.1093/jamia/ocw070. Epub 2016 Jun 14. PubMed PMID: 27301746.

**Kelly MM**, Hoonakker PL. Getting on the same page: Opportunities to improve parent-provider communication. *Hosp Pediatr.* 2017 Sep;7(9):562-563. doi: 10.1542/hpeds.2017-0080. Epub 2017 Aug 2. PubMed PMID: 28768683; PubMed Central PMCID: PMC5574679.

Mussman GM, Sahay RD, Destino L, Lossius M, **Shadman KA**, Walley SC. Respiratory scores as a tool to reduce bronchodilator use in children hospitalized with acute viral bronchiolitis. *Hosp Pediatr*. 2017 May;7(5):279-286. doi: 10.1542/hpeds.2016-0090. PubMed PMID: 28442541; PubMed Central PMCID: PMC5469251.

Pitt MB, Eppich WJ, Shane ML, **Butteris SM**. Using simulation in global health: Considerations for design and implementation. *Simul Healthc*. 2017 Jun;12(3):177-181. doi: 10.1097/SIH.0000000000000209. PubMed PMID: 27902533.

Pitt MB, Moore MA, John CC, Batra M, **Butteris SM**, Airewele GE, Suchdev PS, Steinhoff MC; American Board of Pediatrics Global Health Task Force. Supporting global health at the pediatric department level: Why and how. *Pediatrics*. 2017 May 3. pii: e20163939. doi: 10.1542/peds.2016-3939. [Epub ahead of print] Review. PubMed PMID: 28562273. \*

**Shadman KA**, Ralston SL, Garber MD, Eickhoff J, Mussman GM, Walley SC, Rice-Conboy E, **Coller RJ**. Sustainability in the AAP bronchiolitis quality improvement project. *J Hosp Med*. 2017 Nov;12(11):905-910. doi: 10.12788/jhm.2830. Epub 2017 Sep 6. PubMed PMID: 29091978.

**Sklansky DJ**, Frohna JG, Schumacher DJ. Learner-driven synthesis of assessment data: Engaging and motivating residents in their milestone-based assessments. *Med Sci Educ*. 2017;27:417. <https://doi.org/10.1007/s40670-016-0363-3>.

**St Clair NE**, Pitt MB, Bakeera-Kitaka S, McCall N, Lukolyo H, Arnold LD, Audcent T, Batra M, Chan K, Jacquet GA, Schutze GE, **Butteris S**; Global Health Task Force of the American Board of Pediatrics. Global health: preparation for working in resource-limited settings. *Pediatrics*. 2017 Nov;140(5). pii: e20163783. doi: 10.1542/peds.2016-3783. Review. PubMed PMID: 29074610.

Steenhoff AP, Crouse HL, Lukolyo H, Larson CP, Howard C, Mazhani L, Pak-Gorstein S, Niescierenko ML, Musoke P, Marshall R, Soto MA, **Butteris SM**, Batra M; GH Task Force of the American Board of Pediatrics. Partnerships for global child health. *Pediatrics*. 2017 Oct;140(4). pii: e20163823. doi: 10.1542/peds.2016-3823. Epub 2017 Sep 20. Review. PubMed PMID: 28931576.

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

## GRANT SUPPORT

Faculty/Role	Funding Agency	Title
Coller, Ryan J	University of California - Los Angeles	Decreasing hospital utilization among medically complex children
Coller, Ryan J and Webber, Sarah A (academic partners) with Centro Hispano of Dane County	Wisconsin Partnership Program	Community health worker led postpartum support group for Latino mothers and infants
Dean, Shannon M and Kelly, Michelle M (co-Is) with Brazelton, Thomas and Ross, Joshua C (co-Is) and Carayon, Pascale (PI)	AHRQ & Johns Hopkins University	Teamwork and care transitions in pediatric trauma: implications for HIT design
Ehlenbach, Mary L (PI) with Coller, Ryan J (co-I)	Wisconsin Dept of Health Services and DHHS, Centers for	Special needs children program (complex care)

	Medicare & Medicaid Services	
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