

Pediatrics 2017 Annual Report – Division Highlights

Pediatric Emergency Medicine

DIVISION DESCRIPTION

The mission of the Pediatric Emergency Medicine Program at the UW School of Medicine and Public Health and American Family Children's Hospital (AFCH) is to advance pediatric emergency care through high-quality patient and family-centered care, innovative research, advocacy and education.

We train future leaders in pediatric emergency medicine, serve as an educational resource for healthcare providers and the community and promote children's health and safety through advocacy and public awareness.

Through innovative research on injury prevention, EMS education, acute pain management and patient simulation, we advance the discipline of pediatric emergency care throughout Wisconsin and beyond.

2017 HIGHLIGHTS

- In order to provide around-the-clock support for children and family visiting the emergency department and American Family Children's Hospital, four new child life specialists were recruited to provide 24/7 coverage starting in May 2017.
- The division welcomed two new pediatric emergency medicine faculty: **Nicholas Kuehnel, MD**, who specializes in quality improvement and is the medical director for the pediatric emergency department, and **Anna Sorenson, MD**, who has interests in education and global health.
- Starting in July 2017, the pediatric emergency department expanded the age range of patients served to 20 years to better serve college students in our community.
- With the addition of new physician providers, pediatric emergency department faculty coverage has increased to 16 hours a day (from 10 AM to 2 AM).

RECENT PUBLICATIONS

Brewer DC, Regala M, **Hess J**. Calcium pill aspiration: A case report. *J Emerg Med*. 2017 May;52(5):e201-e202. doi: 10.1016/j.jemermed.2016.12.014. Epub 2017 Jan 27. PubMed PMID: 28139269.

Chotai PN, Manning L, Eithun B, **Ross JC**, Eubanks JW 3rd, Hamner C, Gosain A. Pediatric near-drowning events: do they warrant trauma team activation? *J Surg Res*. 2017 May 15;212:108-113. doi: 10.1016/j.jss.2017.01.024. Epub 2017 Jan 29. PubMed PMID: 28550896.

Harringa JB, Bracken RL, Nagle SK, Schiebler ML, Patterson BW, **Svenson JE**, Repplinger MD. Anemia is not a risk factor for developing pulmonary embolism. *Am J Emerg Med*. 2017 Jan;35(1):146-149. doi: 10.1016/j.ajem.2016.09.068. Epub 2016 Sep 30. PubMed PMID: 27836322.

Harringa JB, Bracken RL, Nagle SK, Schiebler ML, Pulia MS, **Svenson JE**, Repplinger MD. Negative D-dimer testing excludes pulmonary embolism in non-high risk patients in the emergency department. *Emerg Radiol*. 2017 Jun;24(3):273-280. doi: 10.1007/s10140-017-1478-6. Epub 2017 Jan 24. PubMed PMID: 28116533; PubMed Central PMCID: PMC5438894.

Hillman E, Lutfy-Clayton L, Desai S, Kellogg A, Zhang XC, Hu K, **Hess J**. Student-advising recommendations from the Council of Residency Directors Student Advising Task Force. *West J Emerg Med*. 2017 Jan;18(1):93-96. doi: 10.5811/westjem.2016.10.31296. Epub 2016 Nov 21. PubMed PMID: 28116016; PubMed Central PMCID: PMC5226772.

Patterson BW, Smith MA, Repplinger MD, Pulia MS, **Svenson JE**, **Kim MK**, Shah MN. Using chief complaint in addition to diagnosis codes to identify falls in the emergency department. *J Am Geriatr Soc*. 2017 Sep;65(9):E135-E140. doi: 10.1111/jgs.14982. Epub 2017 Jun 21. PubMed PMID: 28636072; PubMed Central PMCID: PMC5603381.

Repplinger MD, Ravi S, Lee AW, **Svenson JE**, Sharp B, Bauer M, Hamedani AG. The impact of an emergency department front-end redesign on patient-reported satisfaction survey results. *West J Emerg Med*. 2017 Oct;18(6):1068-1074. doi: 10.5811/westjem.2017.7.33664. Epub 2017 Sep 22. PubMed PMID: 29085539; PubMed Central PMCID: PMC5654876.

Sullivan S, Campbell K, **Ross JC**, Thompson R, Underwood A, LeGare A, Osman I, Agarwal SK, Jung HS. Identifying nontechnical skill deficits in trainees through interdisciplinary trauma simulation. *J Surg Educ*. 2017 Nov 16. pii: S1931-7204(17)30439-7. doi: 10.1016/j.jsurg.2017.10.007. [Epub ahead of print] PubMed PMID: 29100919. *

Walker JL, Conway JH, **Svenson JE**. Zika: information in the nick of time. *J Glob Health*. 2017 Jun;7(1):010305. doi: 10.7189/jogh.07.010305. Review. PubMed PMID: 28400948; PubMed Central PMCID: PMC5370213.

Walsh KE, Secor JL, Matsumura JS, Schwarze ML, Potter BE, Newcomer P, **Kim MK**, Bartels CM. Promoting secure provider-to-provider communication with electronic health record messaging: An educational outreach study. J Healthc Qual. 2017 Dec 22. doi: 10.1097/JHQ.000000000000115. [Epub ahead of print] PubMed PMID: 29280777.
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**ePub only; no print citation available when report was compiled*

GRANT SUPPORT

Faculty/Role	Funding Agency	Title
Kim, Michael (co-I) with Shah, Manish (PI)	Omron Healthcare Inc.	Clinical evaluation of Omron wheeze detector prototype based on lung sounds of children
Ross, Joshua C (co-I), with Brazelton, Thomas; Dean, Shannon M; Kelly, Michelle M (co-Is) and Carayon, Pascale (PI)	AHRQ & Johns Hopkins University	Teamwork and Care Transitions in Pediatric Trauma: Implications for HIT Design