

Becca Kowalski, MD

Hometown: Wilmington, Delaware

Undergrad: University of Delaware

Surgical Specialty Interest: to be determined, possibly surgical oncology!

Hobbies: Volleyball, board games, live symphony & jazz, musical theatre, exploring the local food scene, fetch with our pup

Publications:

Kowalski RL, Lee L, Spaeder MC, Moorman JR, Keim-Malpass J. Accuracy and Monitoring of Pediatric Early Warning Score (PEWS) Scores Prior to Emergent Pediatric Intensive Care Unit (ICU) Transfer: Retrospective Analysis. *JMIR Pediatrics and Parenting*. 2021;4(1):e25991. [\[link\]](#)

Blackwell JN, Keim-Malpass J, Clark MT, Kowalski RL, Najjar SN, Bourque JM, Lake DE, Moorman JR. Early Detection of In-Patient Deterioration: One Prediction Model Does Not Fit All. *Crit Care Explor*. 2020 May 11;2(5):e0116. [\[link\]](#)

Schubel L, Weldon D, Blumenthal J, Capan M, Arnold R, Kowalski R, Seagull FJ, Catchpole K, Schwartz J, Franklin E, Littlejohn R, Miller K. Informatics and Interaction: Applying Human Factors Principles to Optimize the Design of Clinical Decision Support for Sepsis. *Health Informatics J*. 2020 Mar;26(1):642-651. [\[link\]](#)

Wynn RM, Adams KT, Kowalski RL, Shivega WG, Ratwani RM, & Miller KE. The patient in precision medicine: A systematic review examining evaluations of patient-facing materials. *J Healthc Eng*. 2018 Sept. 2018: 9541621. [\[link\]](#)

Miller K, Capan M, Noaiseh Y, Mosby D, Kowalski R, Kraft R, Schwartz S, Weintraub W, Arnold R. The Design of Decisions: Matching clinical decision support recommendations to Nielsen's design heuristics. *Int J Med Inform*. 2018. 117(2018):19-25. [\[link\]](#)

Capan M, Mosby D, Miller K, Tao J, Wu P, Weintraub WS, Kowalski R, Arnold R. A Framework to Tackle Risk Identification and Presentation Challenges in Sepsis. *Am J Hosp Med*. 2018 Jan;2(1):2018.002. [\[link\]](#)

Miller K, Mosby D, Capan M, Kowalski R, Ratwani R, Noaiseh Y, Kraft R, Schwartz S, Weintraub W, Arnold R. Interface, information, interaction: a narrative review of design and functional requirements for clinical decision support. *J Am Med Inform Assoc*. 2018 May; 25(5):585-92. [\[link\]](#)

Berman L, J Jackson, Miller K, Kowalski R, Kolm P, Luks FI. Expert Surgical Consensus for Prenatal Counseling Using the Delphi Method. *J Ped Surg*. 2018 Aug;53(8):1592-9. [\[link\]](#)

Kowalski R, Capan M, Lodato P, Mosby D, Thomas T, Arnold R, Miller K. Optimizing usability and signal capture: a proactive risk assessment for the implementation of a wireless vital signs monitoring system. *J Med Eng Technol*. 2017 Nov. 41(8):623-9. [\[link\]](#)

Miller K, Kowalski R, Capan M, Wu P, Mosby D, Arnold R. Assessment of nursing response to a real-time alerting tool for sepsis: a provider survey. *Am J Hosp Med*. 2017 Jul;1(3):2017.021. [\[link\]](#)

Conference Presentations:

Carson J, Kowalski R. History-taking workshop for teaching undergraduate medical students HOUSED BEDS. International Street Medicine Symposium XVII. Oct 2021. Poster Presentation.

Kowalski R, Miller K, Capan M, Mosby D, Arnold R. *FUTURES: Forecasting the Unexpected Transfer to Upgraded Resources in Sepsis*. 2018 International Symposium on Human Factors and Ergonomics in Health Care. Boston, MA. March 2018. Oral Presentation.

Kowalski R, Schuchardt B, Marconi T, Brennan K, Arnold R. *The Ability of Heparin-Binding Protein (HBP) to Predict Clinical Deterioration in Emergency Department Sepsis Patients*. SAEM 2017 Annual Meeting Society for Academic Emergency Medicine. Orlando, FL, May 2017. Oral Presentation.