

Dr. Orenstein is a pediatric hospitalist who serves as the Chief Medical Informatics Officer and Vice President of Data & Analytics at Children's Healthcare of Atlanta and is an Associate Professor and Director of the Children's Health Informatics Core at Emory University. His journey into informatics began during his pediatric residency at the Children's Hospital of Philadelphia, where he co-founded the New EHR Resident Development (NERD) Squad to improve electronic health record usability for trainees. He then completed a fellowship in clinical informatics at CHOP as well before transitioning to Children's Healthcare of Atlanta and Emory University in 2018.

Dr. Orenstein's research aims to improve healthcare quality and patient safety while reducing physician burnout through innovations in electronic health record (EHR) design. His core focus areas encompass developing data-driven clinical decision support (CDS), enhancing EHR usability through human-centered design and evaluation methods, and streamlining data and analytics to accelerate improvement efforts. More recently he has also led Children's Healthcare of Atlanta's artificial intelligence program, aiming to integrate both predictive and generative AI efforts with CDS into a learning health system. Finally, Dr. Orenstein also serves as the co-lead of the Pediatric CDS Collaborative, a consortium of pediatric informaticists from 12 institutions that aims to improve the lives of kids, families, and clinicians through effective CDS implementation and learning across institutions.