Health Service Research Academy
Directors and Mentors

Jay Berry, MD, MPH
Co-Director of the Health Services Research Academy
Chief of Complex Care, Boston Children's Hospital
Associate Professor of Pediatrics, Harvard Medical School
Jay is a health services researcher with a 14-year partnership with Dr. Hall on an array of big data projects involving children with medical complexity, perioperative care, healthcare utilization, and outcomes. Jay is also Associate Director of the Children and Youth with Special Healthcare Needs Research Network. His funding sources have included the NICHD, Agency for Healthcare Research and Quality, Lucile Packard Foundation for Children's Health, and the Maternal and Child Health Bureau.

Matt Hall, PhD
Co-Director of the Health Services Research Academy
Principal Biostatistician, Children's Hospital Association
Matt has performed pediatrics health services and policy research for over 10 years at CHA. He leads CHA’s Statistical Division and oversees 15 physician-led multicenter research groups that use CHA’s data assets for clinical, operational, and financial improvement by hospitals and policy makers. Matt is the Director of CHA’s Health Services Research Academy, an online training program for people who want to learn how to do health services research. He is a Statistical Editor at the Journal of Hospital Medicine.

Samir Shah, MD, MSCE
Director, Division of Hospital Medicine, Cincinnati Children’s
Professor and Director, Division of Hospital Medicine
James M. Ewell Endowed Chair
Cincinnati Children’s Hospital Medical Center
Editor-in-Chief, Journal of Hospital Medicine
Samir is board-certified in Pediatrics, Pediatric Infectious Diseases, and Pediatric Hospital Medicine. His research focuses on improving efficiency and effectiveness of care for hospitalized children with emphasis on common, serious infections. He also serves as Vice Chair for the Pediatric Research in Inpatient Settings Network.
Karen M Wilson, MD, MPH
Debra and Leon Black Professor and Division Chief of General Pediatrics
Vice-Chair for Clinical and Translational Research
Icahn School of Medicine at Mount Sinai
Karen is a pediatric hospitalist and clinical researcher who has studied the impact of secondhand tobacco smoke and marijuana exposure on children, tobacco smoke exposure in multi-unit housing, and how to help parents quit smoking. Karen is a Principal Investigators of the American Academy of Pediatrics (AAP)/Julius B. Richmond Center of Excellence and she chairs of the AAP's Tobacco Consortium. Karen is also the Chair of the Pediatric Research in Inpatient Settings Network Executive Council, and Deputy Editor of Hospital Pediatrics.

Joel S. Tieder, MD, MPH
Associate Professor, Seattle Children’s
Joel is a pediatric hospitalist at Seattle Children’s Hospital and the University of Washington. He directs the Seattle Children's Pediatric Hospital Medicine Fellowship and Multi-Specialty Maintenance of Certification Program. He is the Chair of the AAP Council on Quality Improvement and Patient Safety and the Chair for the AAP Subcommittee on Brief Resolved Unexplained Events (BRUEs). He has led many national research projects aimed to improve the quality of care for hospitalized children, which currently includes a large multicenter study PHIS study aimed at evaluating and improving the outcomes of infants who have experienced a BRUE.

Kavita Parikh, MD, MSHS
Director of Research, Division of Hospital Medicine, Children’s National Hospital and Associate Professor of Pediatrics at George Washington School of Medicine, Washington DC
Kavita is committed to improving and standardizing care for hospitalized children to improve health outcomes and reduce disparities and is currently funded through a career training award (K08) through the Agency for Healthcare Research and Quality. She also serves in national leadership roles, including the steering committee for the Value in Inpatient Pediatrics (VIP) Network, associate executive council for the Pediatric Research in Inpatient Settings (PRIS) Network, and Hospital Pediatrics editorial board. She is board-certified in Pediatric Hospital Medicine and enjoys mentoring junior faculty.

Mark Neuman, MD, MPH
Director of Research, Division of Emergency Medicine, Boston Children’s Hospital
Mark has been conducting health services research for over 20 years. His primary research interests include the use of low-value testing and variability in care in the Emergency Department setting, with a focus on the management of infectious diseases. His primary interest revolves around the value of CXR for the diagnosis of pneumonia. Mark leads the ED PHIS research group and is involved with multiple collaborative projects in the area of pneumonia, BRUE, readmissions, and the management of the febrile infant.
Derek J. Williams, MD, MPH  
Chief of the Division of Hospital Medicine  
Associate Professor of Pediatrics  
Vanderbilt University School of Medicine  
Monroe Carell Jr. Children’s Hospital at Vanderbilt

Derek is a clinical and health services researcher with an array of experience conducting multicenter cohort studies, clinical trials, and implementation research. His research program centers on improving care delivery and outcomes for children with pneumonia and other acute respiratory illnesses, and is supported by funding from CDC, NIH, and AHRQ. He is also a member of the Executive Council of the Pediatric Research in Inpatient Settings (PRIS) Network.

Troy Richardson, PhD  
Biostatistician, Research and Statistics, Children’s Hospital Association

Troy has expertise in statistical planning and analysis of studies leveraging large datasets such as detailed hospitalization data and insurance claims. At CHA, he facilitates collaborative health-services research projects investigating resource utilization and clinical epidemiology of diseases in pediatric populations, and currently serves as the lead biostatistician for CHA’s Quality Improvement & Measurement (QIM) multicenter quality improvement collaboratives. He is a Statistical Editor at *Hospital Pediatrics*.

Jonathan Rodean, MPP  
Biostatistician, Research and Statistics, Children’s Hospital Association

Jonathan has extensive experience with the collection, transformation, and analysis of a wide range of clinical and administrative datasets, as well as a focused expertise in survey methodology. When he is not rewording small-scale surveys of patients and providers or analyzing national government surveys, he supports research groups and grant work that focus on topics like the Emergency Department, Mental Health, and Children with Special Healthcare Needs.