



Health Services Research Academy Participation Levels

The opportunities to leverage existing health data to transform healthcare delivery are monumental. However, the supply of healthcare professionals equipped to use such health data for meaningful clinical change is insufficient. The Health Services Research Academy (“Academy”) is a virtual educational program that will assist healthcare professionals in developing the skills needed to use healthcare data - through a health services research model – to optimize clinical care.

Tier 1. Access to educational modules

Online, on-demand, education modules. There are a series of 15 interactive educational modules designed to teach content to participants and walk them through the process of performing research, from designing a study to responding to reviewer critiques from a peer-reviewed publication. Each module is approximately 30 minutes in length, and you will have access for 2 years. We strongly encourage participants at this level to have a local research mentor and to perform a research study in tandem with the modules.

Tier 2. Modules + Research Coaching

In addition to having two years of access to the educational models, participants at this level will have two hours of research coaching each month for a period of one year. Meetings with research coaches will provide direction, answer questions, etc. to facilitate your research project. They can also advise on methodology and statistical questions you may have. We strongly encourage participants at this level to have local research mentorship and to perform a research study in tandem with the modules.

Tier 3. Modules + Research Mentoring + Statistical Support

In addition to having two years of access to the educational models, participants at this level will receive full mentoring from a nationally recognized clinical expert in health services research and full statistical support in order to complete a capstone project. Additional content experts will also be included to round out the research team. For the capstone project, participants will put their learning from the modules into action in performing a research project. Every two weeks, the Academy team will meet via conference call on the same day at the same time with the participant to keep the project moving forward rapidly. Initially, the team will focus on refining the research aims and developing an analytic plan. On-line teaching module topics will align with this work. In later calls, fellows will review and refine analytic results before moving into dissemination activities (e.g., national presentations and peer-reviewed publication). Throughout the process, the Academy mentorship team will be available via email or on the standing conference calls to provide the participant with feedback and direction.

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 Investigator 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.

Health Service Research Academy

Participants

2021 Class

Tier 3 Participants

Stacey Cook, MD

Specialty: Pediatric Complex Care

Hospital: Boston Children's Hospital

Project: TBD

Kamakshya Patra, MD

Specialty: Pediatric Hospital Medicine

Hospital: WVU Medicine Children's

Project: TBD

Amy, DeLaroche, MD

Specialty: Pediatric Emergency Medicine

Hospital: Children's Hospital of Michigan

Project: TBD

Katherine Slain, MD

Specialty: Pediatric Critical Care

Hospital: UH Rainbow Babies & Children's Hospital

Project: TBD

Andrew Yu, MD

Specialty: Pediatric Hospital Medicine

Hospital: Children's Health, Dallas

Project: TBD

Ladan Agharokh, MD

Specialty: Pediatric Hospital Medicine

Hospital: Children's Health, Dallas

Project: TBD

Megan Gribbons, MD

Specialty: Pediatric Hospital Medicine

Hospital: Children's Health, Dallas

Project: TBD

Arda Hotz, MD

Specialty: Pediatric Hospital Medicine

Hospital: Boston Children's Hospital

Project: TBD

Ben Lee, MD

Specialty: Pediatric Hospital Medicine

Hospital: Children's Health, Dallas

Project: TBD

Wen Jiang, MD

Specialty: Otolaryngology

Hospital: Rady Children's Hospital San Diego

Project: TBD

Tier 2 Participants

Panam Kaur, MD

Specialty: Pediatric Gastroenterology

Hospital: Children's Mercy Kansas City

Project: TBD

Ellie Sharp, MD

Specialty: Pediatric Hospital Medicine

Hospital: UPMC Children's Hospital of Pittsburgh

Project: TBD

Brian King, MD

Specialty: Neonatology

Hospital: Texas Children's Hospital

Project: TBD

Tier 1 Participants

Vanessa McFadden; Children's Wisconsin

Tiranun Rungvivatjarus; Rady Children's Hospital San Diego

Judy Lee; Children's Health, Dallas

Tiffany Lieu; Children's Health, Dallas

Stephanie Arar; Children's Health, Dallas

Lasya Challa; Children's Health, Dallas

Harita Katragadda; Children's Health, Dallas

Clifford Chen; Children's Health, Dallas

Vineeta Mittal; Children's Health, Dallas

Courtney Solomon; Children's Health, Dallas

Sarah Bradley; Children's Health, Dallas

Divya Rajan; Children's Health, Dallas

Michelle Polich; Rady Children's Hospital San Diego

Tammie Dewan; Alberta Children's Hospital

Nicole Hames; Children's Healthcare of Atlanta

Jen Perez; Boston Children's Hospital

2020 Class

Tier 3 Participants

Tom Attard, MD

Specialty: Pediatric Gastroenterology

Hospital: Children's Mercy Kansas City

Project: Meckel's diverticulum in adults; seldom suspected and frequently found

Tim Onarecker, MD

Specialty: Pediatric Infectious Diseases

Hospital: Arkansas Children's Hospital

Project: Post-Surgical Complication Rates in Children with Chronic Indwelling Devices

Nate Bayer, MD

Specialty: Pediatric Hospital Medicine

Hospital: Golisano Children's Hospital at The University of Rochester Medical Center

Project: Healthcare utilization of children with neurologic impairment in first 5 years

Jeff Winer, MD

Specialty: Pediatric Hospital Medicine

Hospital: Le Bonheur Children's Hospital

Project: The Effect of Routine High-Flow Nasal Cannula Use in Children Admitted to Children's Hospitals with Moderate Bronchiolitis

Tier 2 Participants

Amanda Montalbano, MD

Specialty: Pediatric Urgent Care

Hospital: Children's Mercy Kansas City

Project: Respondents vs Non-respondents on Pediatric Inpatient Experience Surveys

Rebecca Eck

Specialty: Pediatric Nurse Practitioner

Hospital: Children's Mercy Kansas City

Project: Gaps in continuity of care in intrafacility pediatric transfers between urgent care and emergency department

Grace Kim, MD

Specialty: Pediatric Hospital Medicine

Hospital: UH Rainbow Babies & Children's Hospital

Project: Association of Maternal Tdap Recommendations with Pertussis Hospitalizations of Young Infants in the United States

Jennifer Hoffmann, MD

Specialty: Pediatric Emergency Medicine

Hospital: Ann & Robert H. Lurie Children's Hospital of Chicago

Project: Emergency Department Visits for Suicidal Ideation and Self-Harm in Rural and Urban Children

Tier 1 Participants

Katie Copp; Boston Children's Hospital

Elizabeth Casto; Boston Children's Hospital

Adams Bellows; Boston Children's Hospital

Zephyr Rady Children's Hospital San Diego

Brittany Winckler; Rady Children's Hospital San Diego

Erin Fisher; Rady Children's Hospital San Diego

Liz Mannino Avila; Rady Children's Hospital San Diego

Begem Lee; Rady Children's Hospital San Diego

Manu Khare; Rady Children's Hospital San Diego

Mike Levy; Rady Children's Hospital San Diego

Maria Huang; Rady Children's Hospital San Diego

Madhura Hallman; University of Alabama at Birmingham

Julia Beauchamp; Rady Children's Hospital San Diego

Aarti Patel; Rady Children's Hospital San Diego

Harris Carmichael; Primary Children's Hospital

Ryan Walton; Ann & Robert H. Lurie Children's Hospital of Chicago

Sarah Schneider; Rady Children's Hospital San Diego

Mateo Zambrano Navia; Ann & Robert H. Lurie Children's Hospital of Chicago

Jane Rungvivatjarus; Rady Children's Hospital San Diego