

Ray, Kristin

Kristin Ray, MD, MS is an assistant professor of pediatrics at the University of Pittsburgh. Dr. Ray's research investigates access and utilization within pediatric health care delivery systems with the goal of improving health care organization, equitability, value, and outcomes. One large area of focus is the interface between primary care and specialty care, where she employs quantitative, qualitative, and quality improvement methods to examine barriers to subspecialty care, to understand family perspectives on referral processes, and to evaluate system-wide interventions to improve access to subspecialty care. Additional past projects also examined access and utilization of pediatric primary care and emergency care and quantified the time burden for families seeking medical care.

Dr. Ray's current work examines the impact of new models of care delivery, such as electronic consultations and telemedicine, on access, disparities, quality, and outcomes. Dr. Ray is currently funded by the National Institute of Child Health and Human Development. Dr. Ray completed her pediatric residency at the Children's Hospital of Philadelphia, and she is a practicing general pediatrician at the Children's Hospital of Pittsburgh of UPMC. Dr. Ray is also affiliated faculty at the University of Pittsburgh Health Policy Institute and the Director of Health Systems Improvement for Children's Community Pediatrics.

I am a general academic pediatrician and health services researcher at the University of Rochester. I have been co-director of the Academic General Pediatrics Fellowship at the University of Rochester since 2014. My research experience combines expertise in adolescent immunization and preventive services delivery, quality improvement, and health informatics. I have been funded by the Centers for Disease Control and Prevention (CDC), Society for Adolescent Health and Medicine (SAHM), Agency for Healthcare Research and Quality (AHRQ) and NIH to improve immunization rates for adolescents. I am currently Co-PI of a multi-center project, funded by the CDC, to improve HPV vaccination rates using QI methods in residency clinics and private practices nationwide. Over 100 practices have participated in the project and made significant improvements in HPV immunization rates. In addition, I supervise residents and see my own patients in our busy urban pediatric continuity clinic which provides the context for my translational research. I am also Chair of the QI Committee at the Strong Pediatric Practice, and assist with its Patient-Centered Medical Home (PCMH) initiative, where I contribute to initiatives to improve care delivery and measure clinical outcomes. I also teach resident training in QI at URMC, giving workshops and assisting residents with QI projects. My community contributions include participating in both national and state-wide American Cancer Society roundtables to improve HPV vaccination rates on a larger scale.