Dr. Joshua Denny has been part of the NIH All of Us research program since its beginning, dedicating his work to improving patient care through the advancement of precision medicine. Since All of Us aims to collect and study health data from at least a million people in the U.S. to advance precision medicine, Denny discusses the role of electronic health records, how the program protects participant privacy and, most recently, how the program is pivoting efforts to make discoveries about COVID-19.