



Dr. Jeffrey A. Golden is the Director of the Burns and Allen Research Institute and the Vice Dean for Research and Graduate Education at Cedars Sinai Medical Center. He previously held positions as the Ramzi S. Cotran Professor of Pathology at Harvard Medical School, Chair of Pathology at the Brigham and Women's Hospital and the Rorke Professor of Pathology at the University of Pennsylvania, Chair of Pathology at Children's Hospital of Philadelphia. Dr. Golden received his BA from the University of California, San Diego and his MD from the University of Pennsylvania. He trained in anatomic pathology

and neuropathology at the Massachusetts General Hospital followed by postdoctoral training in the Department of Genetics at Harvard Medical School. Dr. Golden's research has focused on understanding the developmental, molecular and cellular basis of neurodevelopmental disorders. He has had a particular interest in cell migration and interneurons as they relate to epilepsy, intellectual disabilities and autism spectrum disorder. He has also contributed to our understanding of human pathology in these and related areas. Dr. Golden served as president of the American Association of Neuropathologists, was president-elect for the Association of Pathology Chairs, and has chaired several NIH study sections. He also chaired the Board of Trustees for the Brigham and Women's Hospital Physicians organization. For his work he has been recognized with numerous awards. Beyond his own work, he has been engaged in efforts to more effectively use data to improve the health of individuals and communities. Dr. Golden has a longstanding commitment to advancing healthcare through research and in educating the next generation of investigators, physicians and other healthcare workers.

Presentation Title: Using Data to Transform Healthcare

Description: Healthcare organizations have amassed extensive data on the patients they are caring for but have not means to use this data to care for individuals or populations more effectively. Confounding the issue is the fact that healthcare data is becoming increasingly complex and challenging for clinicians to fully integrate into their decision making. Developing mechanisms and workflows to not only understand the data, but how to integrate it into the healthcare environment is a critical next step. This presentation seeks to examine the challenges and opportunities around data utilization and propose a set of principles to integrate this data and use it to better anticipate individual, and population based, healthcare needs. The ultimate goal is to use data to more effectively and prospectively identify patients where targeted interventions will either prevent the onset of disease and/or determine the most appropriate intervention for an individual.