BIOGRAPHY

Dr. Murphy is the Chief Research Information Officer at Mass General Brigham, is Professor of Neurology at Harvard Medical School and serves as Executive Director of the Hospital Integrated Research Organization (HIRO). HIRO accelerates clinical trials with AI technology to prepare data and extract insights at hospitals prior to trial initiation. He received his BS in Chemistry from the University of Notre Dame, and his Ph.D. in Pharmacology and Physiology and MD from the University of Chicago. Dr. Murphy's research interests include the creation of query methods for healthcare data that enable them to be directly used by scientists even when the data is extremely large. Dr. Murphy was an inventor of Informatics for Integrating Biology and the Bedside (i2b2), a high impact and widely accepted open-source project that focuses on the integration of highly diverse phenotypic, imaging, and genomic data such that new discoveries can be visualized and produced from secondary use of routinely collected healthcare data and be applied to new methods of providing clinical decision and clinical trial support in a learning healthcare system.