

**Shawn N. Murphy MD, Ph.D.**  
Medical Director of Research Computing and Informatics  
Partners HealthCare Research Computing  
Associate Professor  
Harvard Medical School  
Associate Neurologist  
Massachusetts General Hospital  
One Constitution Center, 2<sup>nd</sup> Floor  
Charlestown, MA 02129  
Tel: 617/643-5876  
Email: [murphy.shawn@mgh.harvard.edu](mailto:murphy.shawn@mgh.harvard.edu)

Dr. Murphy is the Medical Director of Research Computing and Informatics at Partners HealthCare and is Associate Professor of Neurology at Harvard Medical School. He holds a Ph.D. in Pharmacology and Physiology from the University of Chicago. He completed his medical school training at the University of Chicago in 1991, and his residency in Neurology at the Massachusetts General Hospital in 1995. He completed a fellowship in Medical Informatics at the Massachusetts General Hospital Laboratory of Computer Science, where he serves as the Associate Director.

Dr. Murphy developed and currently directs the Research Patient Data Registry (RPDR) for Partners HealthCare. The RPDR is a large data warehouse with 5 million patients and 1.4 billion rows of clinical data, serving as a central clinical data registry for inpatient and outpatient encounters in order to support clinical research. The RPDR brings clinical information to the fingertips of over 2600 active researchers. Dr. Murphy is also the chief architect and software development manager for the NIH Sponsored *Informatics for Integrating Biology and the Bedside (i2b2)*, an open source project that integrates data from the hospital medical record and the bioinformatics community into a common software platform, with over 60 operating installations worldwide. Dr. Murphy operates the pharmacovigilance platform at Partners HealthCare where the above tools are integrated into a shared resource for finding medication-based adverse events.