

Title: The Potential Of and Ethical and Legal Challenges in Collecting and Utilizing Big Data

Presented by: Lisa Gualtieri

Authors: Lisa Gualtieri, Department of Public Health and Community Medicine, School of Medicine, Tufts University

Abstract:

The traditional ways for recruiting participants into clinical trials or for adverse event and side effect reporting have limitations. The use of big data can bypass many obstacles, but at the same time introduces new ethical and legal challenges. We explore the potential and the concerns for the use of big data from the perspectives of stakeholders including patients and their families, doctors and researchers, IRBs, pharma, and government agencies.