

Big Data Training for Cancer Research

Special Lecture Series

#DataMatters – Leveraging Big Data for Impact on Cancer

Dr. Jill Barnholtz-Sloan

May 19, 2022, 1:00 – 2:30 PM (EDT)



Speaker Bio: Dr. Barnholtz-Sloan is a nationally and internationally recognized leader in the fields of cancer informatics and data science and is multi-disciplinary trained in biostatistics, epidemiology, and human genetics. As the Associate Director for Informatics and Data Science (IDS) Program in the NCI Center for Biomedical Informatics and Information Technology (CBIIT) Dr. Barnholtz-Sloan leads efforts at CBIIT to shape data science strategies and to foster collaboration within NCI and across NIH and the cancer research community. She also actively pursues a robust research agenda in descriptive epidemiology and etiology of brain tumors as an intramural NCI researcher in NCI's Division of Cancer Epidemiology and Genetics (DCEG) Trans-Divisional Research Program. Blending these two unique perspectives—as an active researcher and as an administrator—gives her unique insight into how data can be translated into real-world solutions to help diagnose, prevent, and treat cancer.

Abstract: Data is everywhere! In the cancer research space, data has had a great impact on how we diagnosis cancer, how we make decisions about treatment choices for cancer and how we think about cancer prognosis. This lecture will focus on how big data has impacted cancer to date and how it will impact cancer in the future, providing a specific example in brain tumors. In addition, big data resources, available through the NCI, will be discussed and described in detail.