UCI Chao Family Comprehensive Cancer Center | NIH National Cancer Institute | NIH National Institute of Allergy and Infectious Diseases | UCI Program in Public Health

Big Data Training for Cancer Research

Special Lecture Series

Utilizing Data to Make Advancements for Cancer

Dr. Jill Barnholtz-Sloan

July 24, 2024, 1:00 – 2:15 PM (PDT)

Sue Gross Auditorium, Susan & Henry Samueli College of Health Sciences

Speaker Bio:

As the Acting Director of CBIIT, I am responsible for advancing open data, open software, and open science for NCI. Alongside my peers who make up CBIIT's Offices and Programs—the Office of the CIO, the Office of Data Sharing, the Informatics and Data Science Program, and the Office of the Director—I continue to engage in ground-breaking efforts in data science, including the Cancer Research Data Commons (CRDC) and the Childhood Cancer Data Initiative (CCDI).

As the Associate Director for Informatics and Data Science Program, I lead efforts at CBIIT to shape informatics and data science strategies and foster collaboration within NCI and across NIH and the cancer research community. Additionally, I am pursuing a robust research agenda in descriptive epidemiology and etiology of brain tumors as an intramural senior investigator in NCI's Division of Cancer Epidemiology and Genetics (DCEG) Trans-Divisional Research Program. Thus, as both an active researcher and administrator, I have insight into how data can be translated into real-world solutions to help diagnose, prevent, and treat cancer.

Abstract:

Data is everywhere, and data sharing is now required by many funding agencies and journals. Large-scale, multi-modal datasets have been utilized and continue to be utilized to make advancements for all human health, including cancer. The National Cancer Institute (NCI) provides access to data resources from many large NCI funded studies. In addition, cloud compute workspaces and analytical workflows are also available. These resources from the NCI will be described as well as paths to access them and success stories from their use.

Register at: https://uci.zoom.us/webinar/register/WN_oay3AJnBSXSAO0IG56wRvg