Big Data Training for Cancer Research

Special Lecture Series

An Overview of Cancer Data Repositories

Dr. Warren A. Kibbe

May 24, 2023, 1:00 – 2:15 PM (EDT)

Abstract: We will discuss the different designs of cancer data repositories and some of the larger projects that have or are generating a lot of data, including AACR Project GENIE, The Cancer Genome Atlas, repositories and tools for viewing these data such as the Genomic Data Commons and cBioPortal. I will also touch upon confounders that make it very important to ask the right question of a given repository and explore a few examples.

Speaker Bio: Warren A. Kibbe, PhD, FACMI is Vice Chair and Professor of Biostatistics and Bioinformatics at Duke University. His research interests include data representation for clinical trials, especially improving the computability and interpretability of biomarker and eligibility criteria and data interoperability between medical records and decision support algorithms. Dr. Kibbe has been a proponent for open science and open data in biomedical research and helped define the data sharing policy for the NCI Cancer Moonshot program. Prior to joining Duke, he served as an acting deputy director of the NCI and was the director of the NCI's Center for Biomedical Informatics and Information. He was one of the architects of the NCI Genomic Data Commons initiative. Dr. Kibbe is a co-founder of the Cancer Informatics for Cancer Centers (Ci4CC.org) society. Dr. Kibbe is an MPI on the NIH/NIMHD-funded RADx-Underserved Populations Coordination and Data Collection Center and an MPI in the NIH/NHGRI-funded Duke Center for Combinatorial Gene Regulation.

Please click the following link to join the webinar: https://purdue-edu.zoom.us/j/95118072973