2018 DCC Analysis Workshop in Seattle

Updated 10/22/2021

Thank you for your participation; this event is now closed.

July 18-20, 2018

You can find links to slides as well as all the hands-on exercises [1] form the workshop on GitHub.

The DCC is pleased to invite you to attend Module 12: Computational Pipeline for WGS Data in the 2018 Summer Institute in Statistical Genetics. This module will be held July 18-20 at the University of Washington in Seattle. It is the 2018 version of the successful analysis workshop held in Seattle last August. It will be taught by several of the DCC team.

> This module provides an introduction to analysis of whole-genome sequence data, with an application to the NHLBI Trans-Omics for Precision Medicine (TOPMed) program. Topics include population structure and relatedness, phenotype harmonization, aggregating and filtering variants using annotation, and association testing using single- and multi-marker tests. Concepts will be illustrated with hands-on exercises in R. Computational pipelines to link multi-step analyses will be presented, along with considerations for deploying these pipelines on a local compute cluster or in the cloud.

A limited number of registration waivers are available for this module for TOPMed investigators. TOPMed applicants may request waivers for this module and one or two supporting modules chosen from the more than 50 offered across all four Summer Institutes.

- Statistical Genetics [2]
- Statistics for Big Data [3]
- Statistics in Clinical Research [4]
- Statistics and Modeling in Infectious Diseases [5]

If interested in obtaining a waiver, please contact Topmed-Admin@westat.com [6]