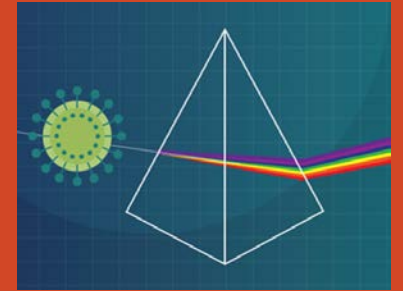


The ID-PRISM Center



Infectious Disease Prevention Research via Innovative Statistical Methods

<http://fredhutch.org/id-prism>

Mission

- The ID-PRISM Center is a collaborative research/educational effort
 - Foster collaborations to rigorously answer scientific questions in infectious disease research via innovative methods development, with an emphasis on prevention interventions
 - Provide training/educational opportunities in independent study, doctoral dissertation and master's essay/capstone project supervision, research assistantship, and undergraduate student internship
 - Membership includes, but not limited to, Hutch/UW Biostatistics, Statistics, and Bioinformatics faculty, research associates/assistants, and students

Main Activities

- Monthly meetings rotating between the Hutch and UW
 - Meeting agendas are diverse for promoting Center objectives
 - Seminars on state-of-the-art quantitative methods research and/or applied data analysis, spanning the gamut from theoretically oriented work to applied work
 - Work-in-progress talks/discussions (e.g., related to doctoral or masters' theses, draft manuscripts, RA projects)
 - Training opportunities (e.g., implementing computer code/R packages)

Upcoming Activities

- For the next few months, major topics will be focused on
 - Challenges presented by the novel coronavirus SARS-CoV-2 and the COVID-19 (aka 2019-nCov) diseases
 - Biology and Epidemiology, e.g., virology, early outbreak investigation, disease's natural history, diagnostic/surveillance testing
 - Treatment, e.g., trials on candidate regimen, study design, data collection and management, study monitoring, meta-analysis
 - Prevention, e.g., pharmaceutical prevention such as vaccine development, PrEP and PEP, non-pharm prevention intervention such as social distancing and masking
 - Statistical modeling, mathematical modeling, bioinformatic analysis

Today's Focus

- Present an overview of ongoing ID-PRISM COVID-19 activities
 - Agenda