



University
of Victoria

Health Information Science Seminar Series



Dr. Bruce Carleton presents:

A method for discovery, replication and validation of serious adverse events from drugs: The Importance of Health Informatics before Bioinformatics Analysis

Friday, November 6, 2020

11:00 am - 12:00 pm Pacific (Online via Zoom)

Abstract

In human genetic research, I cannot think of a more important field than Health Informatics. This seminar will explore why the phenotype of disease or condition under study is more important than genotype, even in genetic bioinformatics analyses. The importance of how clinical events are defined, and what others have done in the same vein and published is incredibly important. Many studies do not replicate results, because the patient groups are too divergent. HIS training is a solution to this. Such experts have a very important role to play because they know the informatics data and its limitations. Genetic medicine is a great example of a multidisciplinary science that needs health information science to meet its full potential.

Dr. Bruce Carleton has been at the BC Children's Hospital for 30 years. He is Director of the Pharmaceutical Outcomes Programme and Professor of Pediatrics, Medical Genetics, Pharmaceutical Sciences, Population & Public Health at UBC. He is the Chief of the Division of Translational Therapeutics, in the Department of Pediatrics and a Senior Clinician Scientist at the BC Children's Hospital Research Institute. His work in genomics is more recent, since 2004. When he isn't working he can be found boating, hiking, biking and touring around the Sunshine Coast and Hawai'i. The latter of course pre-pandemic. Now his exotic destinations include El Patio de Cabana and La Kitchen.

Join LIVE online: <https://uvic.zoom.us/j/81559329453?pwd=ZjQzdit4bVJ2Y09aNFdHZmI0RlpxQT09>

Meeting ID: 815 5932 9453

Password: 490072