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FREE PUBLIC PRESENTATION

HEALTH INFORMATION SCIENCE SEMINAR SERIES

Predicting drug-induced harm in patients before therapy begins. Can it be done and why are data so important?

GUEST SPEAKER: DR. BRUCE CARLETON

TUESDAY, MAR. 22, 2016

11:45AM-12:45PM PST IN HSD A150

Adverse Drug Reactions (ADRs) or side effects cause significant morbidity and mortality. By some estimates they are the 5th leading cause of death and 95% of all ADRs are never reported. A national network was built in Canada to characterize ADRs in children and find genomic biomarkers that, if used pre-emptively, would strongly predict these reactions would occur. The Network clinicians identify patients who have experienced ADRs and matched controls at 26 academic health centres in Canada. The network was designed to capture a broad range of ADR cases and target the surveillance of specific drugs or ADRs of principal concern to participating centres. This session will highlight some of the challenges, examples of impact of pharmacogenomic testing on clinical decision-making and next steps as CPNDS rolls out its pharmacogenomic implementation plans across Canada.

Dr. Bruce Carleton's lifelong goal is to make medication use more effective and safer for all patients, particularly children. His research focus is on the impact of drug therapy on human health and quality of life. He is particularly interested in developing better ways to evaluate the effectiveness of drugs, medication-use models designed to improve patient health, as well as practical surveillance systems to improve the safe use of medication. Dr. Carleton is a Professor of Paediatrics and Co-Chair of the Division of Translational Therapeutics in the Faculty of Medicine at the University of British Columbia. He is also the Director of the Pharmaceutical Outcomes Programme at the BC Children's Hospital.

For more information email his@uvic.ca

This presentation is available both in person at UVIC in HSD A150 and online using Blackboard Collaborate Web Conferencing. This is the same software that is used to attend online LIVE HINF courses.

To connect to the LIVE session on Tuesday, March 22nd at 11:45am PST go to: <https://casas.bbcollab.com/c.jnlp?password=C.0ACE264A1088E1790BFE4E9D123015&sid=2009331>. You will have to type in your first and last name and click the 'Login' button.

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