



University
of Victoria

Health Information Science Seminar Series

Dr. Alex Kuo presents:

Big Data: All You Need to Know!

Wednesday, October 26

12:00 p.m. – 1:00 p.m.

**Human and Social Development Building A270 &
online using Blackboard Collaborate**

Have you ever thought about “Big Data” and its applications in the current world and what about in healthcare? Big data is a term used very frequently in the today’s Information Technology circles. In this seminar, Dr. Alex Kuo will describe the Big Data components, architecture and its applications in the world. He will explain the current Big Data job market and possible employment in this area. Dr. Kuo will apply the Big Data concepts and technology to the complex world of Healthcare and Healthcare systems. One of the applications of Big Data in data analytics is Big Data Analytics (BDA). BDA in acute care and public healthcare systems have shown promising outcomes, but there are always challenges in applying BDA to healthcare. Dr. Kuo will be explaining possible challenges that face the utilization of BDA in Healthcare. Current large datasets are usually difficult to work with, but with the introduction of BDA it is possible to extract significant value by making information transparent and meaningful.

Dr. Alex Kuo is the chair of the IEEE Big Data Education Track and the study group leader of Metadata Standard for Big Data Management at the IEEE Big Data Initiative (BDI). Dr. Kuo holds a PhD from the Department of Computer Science, University of Nottingham, UK. He is a full time Associate Professor at the School of Health Information Science, University of Victoria, BC, Canada. He was a visiting scholar at the Electronic Commerce Resource Centre (ECRC), Georgia Tech. (1999-2000), and the Center for Expanded Data Annotation and Retrieval (CEDAR), School of Medicine, Stanford University (2015-2016). With over 20 years of programming and data analysis practical as well as research experience, he has over 140 peer-reviewed publications.

To connect to the LIVE session go to: <https://ca-sas.bbcollab.com/site/external/jwsdetect/course.jnlp?password=C.34D9C991B9FAAB1563A9E73C27A26A&sid=2009331>

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http://www.uvic.ca/til/services/home/services_blackboard_collaborate/index.php