

School of Health Information Science Seminar:

# Big Data Analytics in Healthcare



Speaker:

**Dr. Alex Kuo**

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Chair, Special Interest Group on Big Data for Healthcare, Medicine  
and Biology, IEEE TCBD

**OCT 26th on Zoom**

**12:00PM PT**

Big Data is a collection of data so large, so complex, so distributed, and growing so fast (or 5Vs- volume, variety, velocity, veracity, and value). It has been known for unlocking new sources of economic values, providing fresh insights into sciences, and assisting on policy making. However, Extracting useful healthcare knowledge from Big Data can be considered as a processing pipeline that involves multiple distinct configuration stages to achieve full utilization. Each stage faces several specific challenges: Data aggregation challenges, Data maintenance challenges, Data integration challenges, Data analytic challenges, and Pattern interpretation/application challenges. The objective of this presentation to discuss technical and non-technical challenges, and explore previously unknown challenges and resolutions in the Big Data Analytics process for Healthcare, Medicine, and Biology.

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**Meeting ID: 889 7826 5375**

For more details: [uvic.ca/hsd/hinf/](http://uvic.ca/hsd/hinf/)



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