

Data and Decision Sciences to Support Health System Planning in Ontario



Dr. Saba Vahid, Ontario Health

Friday, January 15th, 2021
12-1 pm

Please register for [Zoom](#) seminar

Abstract: Information technology solutions that have been deployed across the Ontario health system have enabled collection of large amounts of clinical and administrative data. These data can be leveraged to conduct analytics that support health system planning. Through examples of real-world descriptive, predictive, and prescriptive analytics projects, we discuss how data science is helping inform policy and planning in healthcare and what challenges still exist in the implementation. We also discuss what skill sets could best prepare students to play an active role in this field.

Bio: Dr. Saba Vahid leads the advanced analytics team at Ontario Health – Cancer Care Ontario, where she oversees the development and implementation of analytics tools. She holds a Ph.D. in operations research from the University of British Columbia. Her areas of expertise include optimization and simulation modelling, utilized to address planning and prediction questions in Ontario's healthcare system.