



Faculty of Engineering and Applied Science

Chemical Engineering Seminar Series



Where Can Automation Take You?

Mr. Lane Desborough/Bigfoot Biomedical
Thursday, November 15, 2018, 2:30pm
Dupuis Hall, Room 215



ABSTRACT

Specializing in chemical engineering process control creates an opportunity to work in different industries all around the world. Queen's grad Lane Desborough (MScEng 1992) recounts some of the lessons and experiences gained over the past 25 years as he worked across four industries, in companies ranging in size from a startup he co-founded (Bigfoot Biomedical) to General Electric and Honeywell. The practicalities of industrial scale / industrial quality / life critical automation will be discussed, along with contemporary methods of product development.

After vignettes from other industries are shared, the concepts will be brought together in a case study addressing the challenges of automating insulin delivery for people living with diabetes.

“You have brains in your head. You have feet in your shoes.
You can steer yourself any direction you choose.”
— Dr. Seuss, Oh, The Places You'll Go!