

## Kiran Preet Padda



I am a PhD candidate in the Soil Science program working with Dr. Chris Chanway. I completed my MSc in Soil Science from UBC in 2015 and bachelor's in Agricultural Engineering from Punjab Agricultural University, India in 2013. My research work focuses on biological nitrogen fixation by bacteria that live inside the plant tissues, which is a sustainable alternative for providing nitrogen nutrition to the plants. In my PhD project, I am working on nitrogen-fixing bacteria isolated from lodgepole pine trees growing at unreclaimed gravel mining pits in the central interior of British Columbia. I will be evaluating their role in sustaining the growth of pine trees on nitrogen-limited soils of these gravel pits.

I am glad to be a part of the APBI 200 teaching team since last four years! I teach the **Monday 3:00 - 5:00 pm lab**. Please feel free to come by during my **office hours on Monday from 12:00 - 1:00 pm**. I would love to answer any questions you might have regarding this course.