

Polar Profile: Dr. Chris Gardner



Degree: The Ohio State University Earth Sciences, Ph.D. 2015

Location:

Antarctica; McMurdo Dry Valleys

77° 34'44.4"S, 163° 30'21.6"W

Science:

Chris studies how iron from melting glaciers can enter the Southern Ocean. The iron, can act as a fertilizer causing phytoplankton growth. This process can potentially help remove some of the excess carbon dioxide in the atmosphere. Since carbon dioxide is a greenhouse gas, this could be important for climate change mediation.

Fun Facts:

Chris is a procrastinator who hates mornings but loves hiking, kayaking, playing guitar, and eating tacos.

Important Tools:

Caulking gun, pH meter, duct tape, mass spectrometer