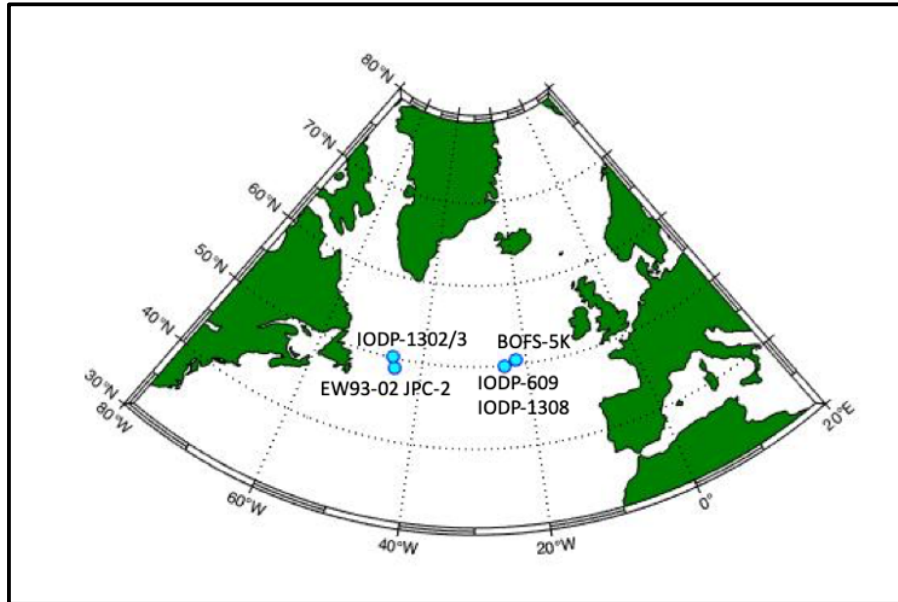


Using cosmogenic nuclides in ice-rafted debris to constrain the ice dynamics of Heinrich events

Boston College



To better understand the ice dynamics associated with Heinrich events – periodic discharges of iceberg armadas expelled from the Laurentide Ice Sheet during the last glacial period – we are measuring cosmogenic nuclides in North Atlantic ice-rafted debris. Because ice-rafted sediments were entrained beneath the Laurentide prior to iceberg discharge, measurement results will suggest a subglacial exposure and erosion history.



Visitor: Danielle LeBlanc

Visit dates: February 10-14, 2020

Danielle is a master's student at Boston College studying past climates and ice sheets. Before attending BC, she studied petroleum engineering at Louisiana State University and worked briefly as an environmental engineer.