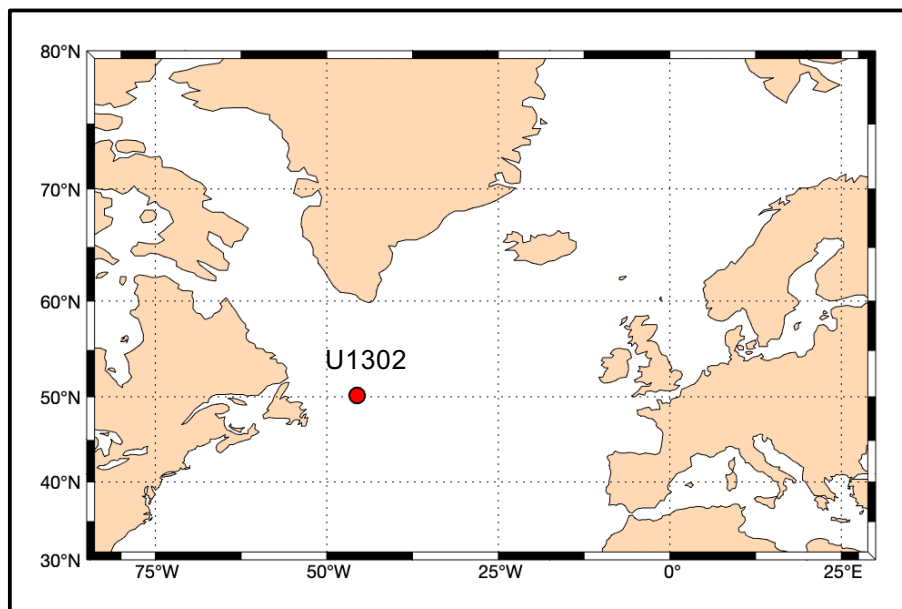


# 3 Myr of Laurentide Ice Sheet History Inferred from Cosmogenic Nuclides in Ice-Rafted Debris

*Boston College*



The goal of this project is to reconstruct the evolution of the Laurentide Ice Sheet across the Pleistocene. To do this, we are analyzing cosmogenic nuclides  $^{10}\text{Be}$  and  $^{26}\text{Al}$  in quartz separates of ice-rafted debris taken from North Atlantic sediment cores. Previously, this approach was applied to North Atlantic sediments across the last glacial period and showed the Laurentide may have been persistent across many Pleistocene interglacials.



**Visitor:** Danielle LeBlanc

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Danielle is PhD student at Boston College studying paleoclimatology and paleoceanography. She is interested in using the marine sediment record to reconstruct changes in ice sheet and ocean processes.