

OBSERVATION VISIT

Antarctic ice sheet chronologies with in situ cosmogenic carbon-14

Tulane University



Filling in the final holes of our knowledge regarding the deglaciation of Antarctica remains a vexing problem. Complications in dating have made it difficult to understand rates of future ice sheet change and the distribution of past contributions to sea level change. I am using in situ cosmogenic carbon-14 to elucidate the patterns of ice sheet retreat in the outer Ross Sea area of Antarctica.



Visitor: Brent Goehring

Visit dates: January 22-23 2018

I'll be visiting the lab to talk all things cosmogenic nuclides and to present my research in Antarctica using in situ cosmogenic carbon-14.