

Dr. Ryan Fogt

By: Isabelle Isco



Dr. Ryan Fogt studies climate dynamics, in particular how components of the large-scale atmospheric circulation affect climate across the Southern Hemisphere, especially Antarctica. His work incorporates climate models, observations and station-based reconstructions of pressure variability to distinguish the contributions of natural variability and anthropogenic forcing in ongoing Antarctic climate change. When asked why he first was interested in the Antarctic climate was through graduate school, Dr. Fogt said “I got interested in climate in general as an undergraduate student, doing some research with my professor at the time and key entering data into Excel and just looking at numbers and got excited about extreme numbers and wondering if they are real numbers at all. And he said, you should look at some stuff with glaciers. And so I started reading about glaciers as an undergraduate student. And then that drove me into going into Ohio State to do graduate work, work in climate and looking at ice. So I joined the Bird, what's now called the Bird Polar Research and Climate Center there ... And got to go to Antarctica. And when I went to Antarctica for the first time and set foot on the continent and walked around and experienced it, that set the stage for me. I knew that I always wanted to study Antarctica for the rest of my life.”