



High resolution bathymetry (DEM) and wide coverage of changes in the sea floor. We use imagery to create maps of habitat on the sea floor.

We've also started to use cameras and instruments connected to the VENUS and NEPTUNE undersea observatories. These instruments are connected back to the university by underwater cable. We are able to remotely operate the cameras and study the activities of organisms living on the sea floor to understand how they react to changes in their environment.



Unive

Science

When I was going to school in Saskatchewan, far from the ocean, I was strongly influenced by the documentary films produced by Jacques Cousteau. By the time that I was a teenager, I was certain that I wanted to study marine life.

I enjoy musical theatre and have always imagined a life as a "song and dance man" on Broadway.

Being in the field, observing an unknown ecosystem and trying to figure out how it works. With the NEPTUNE and VENUS observatories, I can now go into the field everyday, in a virtual sense.

My two children, a scientific paper that I published about fossil bacteria, and my new group of graduate students.

My first summer job was teaching swimming in a small town in Alberta where swimming lessons were given in a flooded gravel pit that had cold dark water and several garter snakes that would occasionally swim through my class.

