



Dr. William P. Patterson

Professor and Director of the Saskatchewan Isotope Laboratory

University of Saskatchewan

114 Science Place

Saskatoon Saskatchewan S7N5E2 Canada

Office: 306-966-5691; Lab: 306-966-5712; Cell: 306-261-7177

Web: <http://geochemistry.usask.ca/bill.html>

Bill.Patterson@usask.ca

Patterson is an isotope biogeochemist and director of the [Saskatchewan Isotope Laboratory](http://geochemistry.usask.ca/bill.html), with field experience on all seven continents, and in many of the World's marine and lacustrine environments. [Patterson's research interests](#) include global carbon cycling, fish behavior, bat ecology, penguin ecology, woolly mammoth ecology, tree physiology, meteorology, climate change, evolution and extinction, marine and freshwater chemistry, archaeology, anthropology, history, cave environments, etc. His work is conducted in Arctic/Antarctic, alpine, desert, tropical rain and cloud forests, temperate and maritime environments. He has appeared in documentaries on the interpretation of the Bible, agriculture, climate change, fish evolution and behavior, bird behavior, trees physiology, bat ecology, and Viking history. Patterson has developed robotic microsampling devices that are used to extract microgram-sized samples for isotopic analyses, and has published over 100 articles in the scientific literature and magazines.