

John Jamieson

An Associate Professor and Canada Research Chair in Marine Geology at Memorial University. Originally from Edmonton, and received by B.Sc. from the U. of Alberta in 2002, M.Sc. from U. of Maryland in 2005, and Ph.D. from U. of Ottawa in 2013. Spent 2.5 years as a post-doc at GEOMAR Helmholtz Centre for Ocean Research in Kiel, Germany, before starting his position at Memorial University in 2016. Between degrees he worked for Cumberland Resources (Vancouver) for two years, exploring for gold in Nunavut and BC, and ran the Metallic Mineral Resources program at the Alberta Geological Survey for 2.5 years.

His M.Sc. work (supervised by James Farquhar) focused on the 2.7 Ga Kidd Creek VMS deposit in Ontario, using sulfur isotopes to study ocean chemistry and hydrothermal circulation in the Archean. For his Ph.D., he worked with Mark Hannington, and moved from the Archean to studying modern submarine hydrothermal systems and the formation of seafloor massive sulfide deposits. His current research program focuses on volcanic and tectonic controls on submarine hydrothermal systems, deep-sea mineral exploration and resource evaluation, and seabed mapping. He has participated in over 20 research expeditions in all major ocean basins, and has spent close to 2 years cumulative at sea. He is the Chair of the Canadian Consortium for Ocean Drilling (the organization that manages Canada's participation in the International Ocean Drilling Program; IODP) and sits on several advisory committees for the International Seabed Authority, which is the United Nations body that regulates deep-sea mining and exploration activities in international waters.

