Dr. Gregory Pyle is a professor of Biological Sciences at the University of Lethbridge where he studies the biological effects and ecological consequences of natural resource extraction, especially mining, and teaches about invertebrate and vertebrate animals in changing environments. He received a PhD in Biology from the University of Saskatchewan (2000) before taking up a faculty appointment at Laurentian University. He then moved to Nipissing University where he served as chair of Biology. At Nipissing, he oversaw the development of new undergraduate and graduate programming, as well as new research and teaching space that included shared infrastructure and human resources. In 2008, Pyle was appointed as the Canada Research Chair in Aquatic Biotechnology and Ecotoxicology in the Dept. of Biology at Lakehead University, where he was also an adjunct professor in the Faculty of Natural Resources Management (NRM). He was a major collaborator on the FORWARD project, which was spearheaded by NRM. In 2013, Pyle was appointed to a Campus Alberta Innovation Program (CAIP) chair in Aquatic Health in the Dept. of Biology at the University of Lethbridge (2013) and recently served as the founding director of the Central Analytical Laboratory.

Dr. Pyle's research continues to inform the development of environmental quality guidelines that regulate the release of industrial contaminants into freshwater systems for provincial and federal governments in Canada, as well as in jurisdictions around the world. His lab specializes in understanding the causes and consequences of sublethal environmental contaminant exposure to freshwater animals inhabiting receiving waters around major industrial operations, including uranium mines, hard-rock mines, and oil sands operations. His most recent work focused on the ecological impacts of the Mount Polley mine disaster in north-central British Columbia, the worst mining disaster in Canadian history.