

Dr. Andreas Hyland Biography

After completing his M.Sc. at the University of Zurich (Switzerland) and the Marine Biological Laboratory in Banyuls sur mer, France, Dr Heyland moved to the University of Florida in Gainesville, Florida, where he completed his Ph.D. in Zoology and Physiology in 2004. After post-doctoral work at the Whitney Laboratory for Marine Bioscience (FL, USA) and the Friday Harbor Laboratories, University of Washington (WA, USA) he started his position at the University of Guelph in 2008.

Dr. Heyland is now an Associate Professor at the University of Guelph in the Department of Integrative Biology. His research lab uses a variety of novel functional genomics approaches to study the development, physiology and life history of aquatic invertebrates and micro-algae. His work includes several industry collaborations with an emphasis on aquaculture. Specifically, he collaborates with engineers to develop next generation algal reactors that can be implemented in marine and freshwater food production systems. Dr Heyland has over 60 citations including articles in peer-reviewed journals, book chapters and published abstracts. He also provides reviews for peer reviewed journals in the fields of developmental biology, evolution, cell biology, aquaculture, phycology, oceanography, limnology and experimental biology. Furthermore, he serves as a reviewer for NSF, NIH and NSERC and several other international funding agencies.