NEW MEMBER SPOTLIGHT

Bill Henry

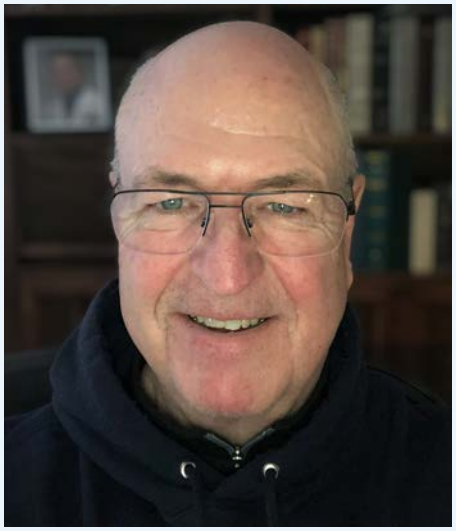
Consultant, Amensal Systems, LLC

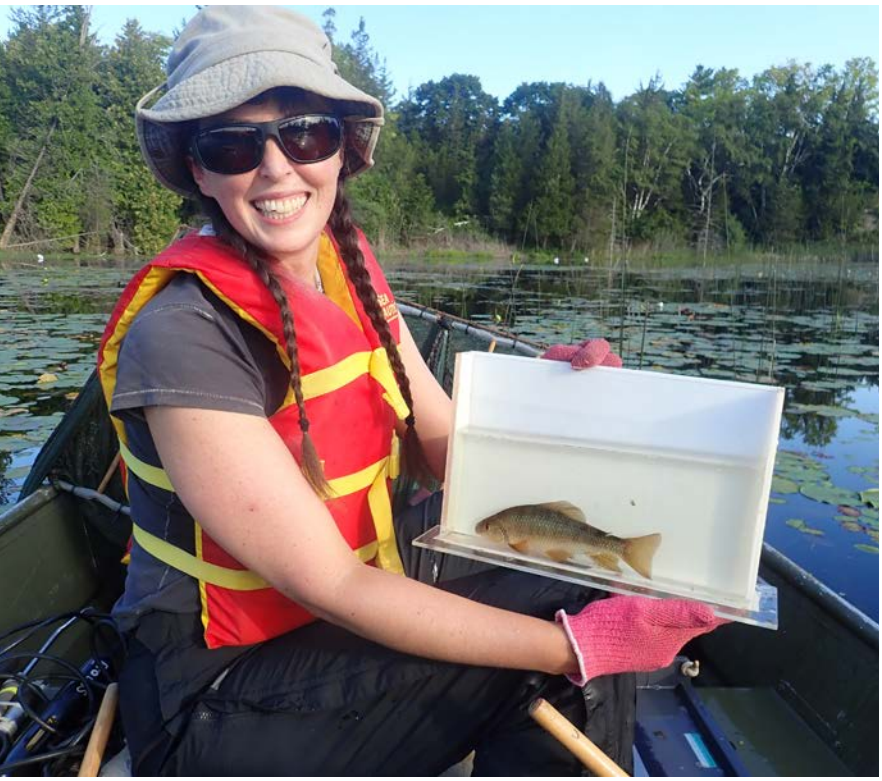
ABOUT MY WORK

My day job is in food processing, automation engineering, and food safety systems. I specialize in bioprotection—the use of probiotic cultures to block the growth of pathogenic organisms on ready-to-eat and minimally processed foods, most commonly fresh produce. Successful systems require equal parts microbiology, fluids flow, and phytomorphology. For fun I work with the Alliance for the Great Lakes, where I am a board member currently serving as secretary. I am a life-long advocate for, and beneficiary of, Lake Michigan in particular and the Great Lakes in toto.

WHY IAGLR?

I joined IAGLR to learn more about the science underlying the Great Lakes, its ecosystems, and the natural and anthropogenic threats they face. I hope to explore a possible use of microorganisms in the field to diminish the need for phosphorous fertilizers, to fixate excess nitrogen in the soil, or to otherwise reduce the damaging effects of agricultural runoff.





Jennifer Powell

Ph.D. Student, University of Toronto Scarborough

ABOUT MY WORK

I returned to academia after almost a decade as a fisheries biologist working in environmental consulting on the Great Lakes and five years as the scientific coordinator of a nature reserve in Costa Rica. I am currently pursuing a Ph.D. in the department of physical and environmental sciences at the University of Toronto Scarborough, in the Mandrak lab. My research focuses on the effect of multiple stressors (hypoxia and temperature) on Lake Chubsucker *(Erimyzon sucetta)* physiology and habitat usage in the hopes of developing a habitat model for the species and assessing its ability to successfully adapt to climate change.

WHY IAGLR?

As a member of IAGLR, I am looking forward to opportunities to network and share knowledge with other freshwater aquatic scientists working on this unique ecosystem, in particular at the IAGLR conference in May.