Lake Winnipeg has experienced significant alterations due to the cumulative effects of eutrophication, the introduction of invasive species and commercial fisheries. Lake Winnipeg, however, also supports the second largest freshwater fishery in Canada with Walleye being a focal species. In collaboration with Fisheries and Oceans Canada, the movement of individually tagged Walleye (as well as Bigmouth Buffalo and Channel Catfish) from distinct spawning regions will be monitored using a comprehensive acoustic receiver array throughout the Lake Winnipeg drainage basin for up to three years.

We are recruiting a motivated postdoctoral researcher to join an interdisciplinary team at the University of Manitoba that includes the laboratories of Drs. Jason Treberg, Ken Jeffries and Darren Gillis to begin April 1, 2018 in a fully funded position. The postdoc’s primary focus will be synthesizing different aspect of the physiological data to link metabolic indices and transcriptomic profiles with differences in movement patterns in walleye from what may be genetically distinct populations. Experience with the analysis of transcriptomics data or large data sets on animal movement is desirable.

The successful applicant will be part of a larger collaborative project that includes physiologists and quantitative fisheries ecologists at the University of Manitoba, Fisheries and Oceans Canada scientists, Manitoba provincial fisheries biologists and fisheries ecologists at the University of Nebraska Lincoln.

If you are interested in being considered for this position please send i) confirmation of interest and availability for the above start date and ii) an up-to-date CV including at least 2 individuals that we could contact as references to Ken Jeffries (Ken.Jeffries@umanitoba.ca) or Jason Treberg (Jason.Treberg@umanitoba.ca).