

Wednesday/Mercredi, May/Mai 8

14:30-16:30

Toxicology 2

Location/Lieu: **Shediac B**

Chair/Animé par: **Erin Leonard** (Wilfrid Laurier University)

14:30-14:45	The Scale of Road Salt Contamination in Urban Freshwater Streams of Vancouver's Lower Mainland: Effects of Repeated Salt Pulses on Developing Coho Salmon (<i>Oncorhynchus kisutch</i>) <u>Kilgour, C. L.</u> ¹ , Winter, C. ¹ , Brauner, C. J. ¹ , Wood, C. M. ¹ , Schulte, P. M. ¹ ¹ <i>Department of Zoology, University of British Columbia, Vancouver, BC, Canada</i>
14:45-15:00	Road Salt Creating A Slippery Slope for Pacific Salmon: Unraveling the Impact of Road Salt on the Development and Physiology of Coho Salmon (<i>Oncorhynchus kisutch</i>) <u>Winter, C.</u> , Kilgour, C., Brauner, C.J., Schulte, P.M., & Wood, C.M. <i>Department of Zoology, University of British Columbia, Vancouver, BC, Canada</i>
15:00-15:15	Accumulation of waterborne selenite and its toxic effects in Westslope cutthroat trout (<i>Oncorhynchus clarkii lewisi</i>) <u>Klaczek, C. E.</u> ¹ , Glover, C. N. ^{1,2} , Goss, G. G. ¹ ¹ <i>Department of Biological Sciences, University of Alberta, Edmonton, Canada;</i> ² <i>Faculty of Science and Technology and Athabasca River Basin Research Institute, Athabasca University, Athabasca, Canada</i>
15:15-15:30	The effects of temperature on lampricide tolerance in juvenile lake sturgeon Bouffard, E. N. ^{1*} , Koledin, M. ¹ , Mitrovic, D. ¹ , Quijada-Rodriguez, A. R. ¹ , Jeffries, K.M. ² , Wilkie, M. P. ¹ ¹ <i>Department of Biology, Wilfrid Laurier University, Waterloo, Ontario, Canada;</i> ² <i>Department of Biological Sciences, University of Manitoba, Winnipeg, Manitoba</i>
15:30-15:45	The ecotoxicological risks of recycling aquaculture wastewater: a transcriptomic approach using the fathead minnow EcoToxChip <u>Robertson, K.</u> ¹ , Blandford, N. ¹ , Dickenson, L. ¹ , Jeffries, K. ¹ , Hecker, M. ² , Hardy, B. ³ & Palace, V. ⁴ ¹ <i>Department of Biological Sciences, University of Manitoba, Winnipeg, Canada;</i> ² <i>University of Saskatchewan, Saskatoon, Canada;</i> ³ <i>Myera Group, Manitoba, Canada;</i> ⁴ <i>IISD – Experimental Lakes Area, Canada</i>
15:45-16:00	Fishes in murky waters: Effects of TSS on fish gills and swimming performance <u>Montoya, X.C.</u> ¹ , Smith, C. ² , Thompson, W.A. ² Wilson, J.M. ¹ , Vijayan, M.M. ² ¹ <i>Department of Biology, Wilfrid Laurier University, Waterloo, Canada;</i> ² <i>Department of Biological Sciences, University of Calgary, Calgary, Canada</i>
16:00-16:15	Assessing the Toxicity of Metals to Fathead Minnows by Observing Ventilation and Behavioural Endpoints in Response to Hypoxia <u>Nykamp, N. M.</u> ¹ ; Leonard, E. M. ¹ ¹ <i>Department of Biology, Wilfrid Laurier University, Waterloo, Ontario, Canada</i>
16:15-16:30	How the Hypercarnivorous Ancestry of Parasitic Lampreys May Have Made Them Vulnerable to Lampricides. <u>Wilkie, M.P.</u> ¹ , Lawrence, M.J. ² , Mitrovic, D. ^{1,3} , Bragg, L.M. ³ , Servos, M.R. ³ , Docker, M.F. ² , and Jeffries, K.M. ² ¹ <i>Department of Biology, Wilfrid Laurier University;</i> ² <i>Department of Biological Sciences, University of Manitoba;</i> ³ <i>Department of Biology, University of Waterloo</i>