

TED OZERSKY

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Large Lakes Observatory/ Department of Biology

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PROFESSIONAL PREPARATION

<u>College/University</u>	<u>Major</u>	<u>Degree &Year</u>
University of Waterloo, Waterloo, ON Canada	Biology	B.S., 2005
University of Waterloo, Waterloo, ON Canada	Aquatic ecology	Ph.D, 2010
Ontario Ministry of Natural Resources, ON Canada	Invasion ecology	Postdoc, 2011-2012
Wellesley College, Wellesley, MA, USA	Plankton ecology	Postdoc, 2012-2014

ACADEMIC/PROFESSIONAL APPOINTMENTS

Assistant professor, University of Minnesota Duluth	August 2014 - present
Postdoctoral fellow, Wellesley College	2012-2014
Research Biologist, Ontario Ministry of Natural Resources	2010-2012

PUBLICATIONS

Camilleri AC*, **Ozersky T**. 2019. Large variation in periphyton $\delta^{13}C$ and $\delta^{15}N$ values in the upper Great Lakes: correlates and implications. *Journal of Great Lakes Research*. 10.1016/j.jglr.2019.06.003

Williamson F*, **Ozersky T**. 2019. Lake characteristics, population properties and invasion history determine impact of invasive bivalves on lake nutrient dynamics. *Ecosystems*. 10.1007/s10021-019-00371-z

Bondarenko NA, **Ozersky T**, Obolkina LA, Tikhonova IV, Sorokovikova EG, Sakirko MV, Potapov SA, Blinov VV, Zhdanov AA, Belykh OI. 2019. Recent changes in the spring microplankton of Lake Baikal, Russia. *Limnologica* 75: 19-29.

Ozersky T, Volkova EA, Bondarenko NA, Timoshkin OA, Malnik VV, Domysheva VM, Hampton SE. 2018. Nutrient limitation of benthic algae in Lake Baikal, Russia. *Freshwater Science* 37: 472-482.

Hampton SE, McGowan S, **Ozersky T**, Viridis SG, Vu TT, Spanbauer TL, Kraemer BM, Swann G, Mackay AW, Powers SM, Meyer MF, Labou SG, O'Reilly CM, DiCarlo M, Galloway AW, Fritz SC. 2018. Recent ecological change in ancient lakes. *Limnology and Oceanography* 63: 2277-2304.

Poste AE, Pastukhov MV, Braaten HFV, **Ozersky T**, Moore MV. 2018. Past and present mercury accumulation in the Lake Baikal seal: temporal trends, effects of life history, and toxicological implications. *Environmental Toxicology and Chemistry* 37: 1476-1486.

Ozersky T, Pastukhov MV, Poste AE, Deng XY, Moore MV. 2017. Long-term and ontogenetic patterns of heavy metal contamination in Lake Baikal seals (*Pusa sibirica*). *Environmental Science & Technology* 51: 10316-10325.

Hampton SE, Galloway AW, Powers SM, **Ozersky T**, Woo KH, Batt RD & 56 others. 2017. Ecology under lake ice. *Ecology Letters* 20: 89-111.

Meyer MF, Hampton SE, **Ozersky T**, Rusanovskaya OO, Woo KH. 2016. Vulnerability of rotifers and copepod nauplii to predation by *Cyclops kolensis* (Crustacea, Copepoda) under varying temperatures in Lake Baikal, Siberia. *Hydrobiologia* 796: 309-318.

Hampton SE, Moore MV, **Ozersky T**, Stanley EH, Polashenski CM, Galloway AW. 2015. Heating up a cold subject: prospects for under-ice plankton research in lakes. *Journal of Plankton Research* 37: 277-284

Ozersky T, Evans DO, Ginn BK. 2015. Invasive mussels modify the cycling, storage and distribution of nutrients and carbon in a large lake. *Freshwater Biology* 60: 827-843

Katz SL, Izmet'eva LR, Hampton SE, **Ozersky T**, Shchapov K, Moore MV, Shimaraeva SV, Silow EA. 2015. The "Melosira years" of Lake Baikal: Winter environmental conditions at ice onset predict under-ice algal blooms in spring. *Limnology and Oceanography* 60(6), 1950-1964.

Hampton SE, Grey DK, Izmet'eva LR, Moore MV, **Ozersky T**. 2014. The rise and fall of plankton: long-term changes in the vertical distribution of algae and grazers in Lake Baikal, Siberia. *PLOS ONE*: 9.2 (2014): e88920.

Ozersky T, Barton DR, Hecky RE, Guildford SJ. 2013. Dreissenid mussels enhance benthic surface area, nutrient efflux and primary production in shallow littoral region of a large lake. *Biological Invasions* 15: 2799-2810.

Poste AE, **Ozersky T**. 2013. Dreissenid mussels and round gobies: A novel benthic pathway for the trophic transfer of microcystin. *Environmental Toxicology and Chemistry* 32:, 2159-2164.

Schwalb AN, Bouffard D, **Ozersky T**, Boegman L, Smith REH. 2013. Variation in phytoplankton distribution in Lake Simcoe: the effect of benthic communities and hydrodynamics. *Inland Waters* 3: 269–284.

Guildford SJ, Depew DC, **Ozersky T**, Hecky RE, Smith REH. 2013. Dreissenid grazing and photoacclimation reduce planktonic chlorophyll in nearshore waters of Lake Simcoe. *Inland Waters* 3: 253–268.

North RL, et al (30 authors). 2013. The state of Lake Simcoe (Ontario, Canada): the effects of multiple stressors on phosphorus and oxygen dynamics. *Inland Waters* 3: 51–74.

Ozersky T, Barton DR, Evans DO. 2012. Invasive mussels alter the littoral food web of a large lake: stable isotopes reveal drastic shifts in sources and flow of energy. *PLOS ONE*: 7(12): e51249.

Rennie MD, **Ozersky T**, Evans DO. 2012. Effects of formalin preservation on invertebrate stable isotope values over decadal time scales. *Canadian Journal of Zoology* 90: 1320–1327.

Ozersky T, Barton DR, Evans DO. 2011. Fourteen years of dreissenid presence in the rocky littoral zone of a large lake: effects on macroinvertebrate abundance and diversity. *Journal of the North American Benthological Society* 30: 913–922.

Ozersky T, Barton DR, Depew DC, Hecky RE, Guildford SJ. 2011. Effects of water movement on the distribution of invasive dreissenid mussels in Lake Simcoe, Ontario. *Journal of Great Lakes Research* 37, Supplement 3: 46–54.

Depew DC, Houben AJ, **Ozersky T**, Hecky RE, Guildford SJ. 2011. Submerged aquatic vegetation in Cook's Bay, Lake Simcoe: assessment of changes in response to increased water transparency. *Journal of Great Lakes Research* 37, Supplement 3: 72–82.

Depew DC, Houben AJ, **Ozersky T**, Hecky RE, Guildford SJ. 2011. Why does *Cladophora* fail to reach nuisance proportions in Lake Simcoe? *Journal of Great Lakes Research* 37, supplement 3: 90–102.

Ozersky T, Malkin SY, Barton DR, Hecky RE. 2009. Dreissenid phosphorous excretion can sustain *C. glomerata* growth along a portion of Lake Ontario shoreline. *Journal of Great Lakes Research* 35: 321–328.

RECENT PRESENTATIONS

Schapov K, Ozersky T. The seasonality of zooplankton community and trophic structure across an estuarine to pelagic gradient in Lake Superior. Association for the Sciences of Limnology and Oceanography, Victoria, Canada. June 2018.

Ozersky T, Hampton S, Labou S, Powers S, Shchapov K, Stockwell J. Predictors of plankton abundance and community composition differ between winter and summer in seasonally frozen lakes. Association for the Sciences of Limnology and Oceanography, Victoria, Canada. June 2018.

Camilleri A, Ozersky T. Nutrient limitation of upper great lakes periphyton across large spatial and environmental gradients. Association for the Sciences of Limnology and Oceanography, Victoria, Canada. June 2018.

Hampton, S., Powers, M., Galloway, A., Labou, S., Ozersky, T., Woo, K., Stanley, E. Global synthesis of winter plankton and nutrient data from seasonally ice covered lakes. Association for the Sciences of Limnology and Oceanography winter meeting 2017, Honolulu, Hawaii, United States. March 3, 2017.

Ozersky, T., Volkova, E., Bondarenko, N., McCallum, S., Timoshkin, O., Malnik, V., Tomberg, I. Nutrient limitation of periphyton in the world's two largest lakes. Association for the Sciences of Limnology and Oceanography winter meeting 2017, Honolulu, Hawaii, United States. February 27, 2017.

Ozersky, T, Opening the black box of winter: limnology on ice. Lakehead University, Thunder Bay, Canada. November 10, 2017. Guest seminar speaker.

Ozersky, T, Using seal teeth to reconstruct past trends in Lake Baikal metal contamination, Washington State University, Pullman, Washington, United States. September 21, 2016. Guest seminar speaker.

Williamson, F., Halbur, J., Ozersky, T. Role of Invasive Dreissenid Mussels In Biogeochemistry of Minnesota Lakes. Association for the Sciences of Limnology and Oceanography summer meeting 2017 Santa Fe, New Mexico, United States. June 6, 2016

Ozersky, T., Schapov, K., Wilburn, P., Litchman, E. Limnological Drivers of Zooplankton Community Structure and Distribution In Minnesota Lakes: Contrasting Winter and Summer Patterns. Association for the Sciences of Limnology and Oceanography summer meeting 2017 Santa Fe, New Mexico, United States. June 6, 2016

Hampton, S., Galloway, A., Powers, S., Batt, R., Ozersky, T., Stanley, E., Read, J., Lottig, N., LaBeau, S., Woo, K., O'Riley, K., Sharma, S. Under-Ice Ecology In Lakes: A Synthesis Of Winter Plankton Data From 102 Lakes. Association for the Sciences of Limnology and Oceanography summer meeting 2017 Santa Fe, New Mexico, United States. June 6, 2016