

Refereed publications (since 2006)

- Farrell, J. M., J. V. Mead, and B. A. Murry. 2006. Protracted spawning of St. Lawrence River northern pike (*Esox lucius*): simulated effects on survival, growth, and production. *Ecology of Freshwater Fish* 15:169-179. **TIBS**
- Bosworth, A., and J. M. Farrell. 2006. Genetic divergence among northern pike from spawning locations in the Upper St. Lawrence River. *North American Journal of Fisheries Management* 26:676-684. **TIBS**
- Murry, B. A., J. M. Farrell, P. Smyntek, and M. Teece. 2006. Effect of lipid extraction on the interpretation of fish community trophic relationships determined by stable carbon and nitrogen isotopes. *Canadian Journal of Fisheries and Aquatic Sciences* 63:2167-2172. **TIBS**
- Farrell, J. M., R. M. Klindt, J. M. Casselman, S. R. LaPan, R. G. Werner, and A. Schiavone. 2007. Development, implementation, and evaluation of an international muskellunge management strategy for the upper St. Lawrence River. *Environmental Biology of Fishes* 79:111-123. **TIBS**
- Murry, B. A., and J. M. Farrell. 2007. Quantification of native muskellunge nursery: influence of body size, fish community composition, and vegetation structure. *Environmental Biology of Fishes* 79:37-47. **TIBS**
- Rehm, E. M., and G.A. Baldassarre. 2007. Temporal variation in detection of marsh birds using broadcast of conspecific calls. *Journal of Field Ornithology* 78:1-8. **TIBS**
- Rehm, E. M., and G.A. Baldassarre. 2007. The influence of interspersed marsh on marsh bird abundance in New York. *Wilson Journal of Ornithology* 119:650-656. **TIBS**
- Smith, B. V., J. M. Farrell, H. B. Underwood, and S. Smith. 2007. Year class strength of St. Lawrence River northern pike. *North American Journal of Fisheries Management* 27:481-491. **TIBS**
- Farrell, J. M., C. Skov and A. P. Nilsson. 2008. Preface to an International Pike Symposium: Merging Knowledge of Ecology, Biology, and Management for a Circumpolar Species. *Hydrobiologia* 601:1-3. **TIBS**
- Murry, B. A., J. M. Farrell, M. K. Schulz, and M. Teece. 2008. The effect of egg size and nutrient content on larval performance: implications to protracted spawning in northern pike (*Esox lucius* Linnaeus, 1758). *Hydrobiologia* 601:71-82. **TIBS**
- Cooper, J.E., J.V. Mead, J. M. Farrell, and R. G. Werner. 2008. Coexistence of pike (*Esox lucius*) and muskellunge (*E.masquinongy*) during early life and the implications of habitat change. *Hydrobiologia* 601:41-53. **TIBS**
- Nilsson, C. Skov, and J. M. Farrell. 2008. Current and future directions for pike ecology and management: a summary and synthesis. *Hydrobiologia* 601:137-141. **TIBS**
- Kelder, B. F., and J. M. Farrell. 2009. A spatially explicit model to predict walleye spawning in an eastern Lake Ontario tributary. *North American Journal of Fisheries Management* 29:1686-1697. **TIBS**
- Toner, J., Farrell, J. M., and J. V. Mead. 2010. Muskrat abundance responses to water-level regulation within freshwater coastal wetlands. *Wetlands* 30:211-219. **TIBS**
- Farrell, J. M., B. A. Murry, D. J. Leopold, A. Halpern, M. Rippke, K. S. Godwin, and S. D. Hafner. 2010. Water-level regulation and coastal wetland vegetation in the upper St. Lawrence River: inferences from historical aerial imagery, seed banks, and *Typha* dynamics. *Hydrobiologia* 647:127-144. **TIBS**

- Farrell, J. M., K. T. Holeck, E. L. Mills, C. E. Hoffman, and V. J. Patil. 2010. Recent Ecological Trends in Lower Trophic Levels of the International Section of the St. Lawrence River: A Comparison of the 1970s to the 2000s. *Hydrobiologia* 647:21–33. **TIBS**
- Marty, J.E., M. R. Twiss, J. J. Ridal, Y. de Lafontaine, and J. M. Farrell. 2010. From the Great Lakes flows a Great River: Overview of the St. Lawrence River Ecology supplement. *Hydrobiologia* 647:1-5. **TIBS**
- Rippke, M. B., M. T. Distler, and J. M. Farrell. 2010. Post-glacial vegetation dynamics of an upper St. Lawrence River coastal wetland: Paleoecological evidence for a recent historic increase in cattail (*Typha*). *Wetlands* 30:805-816. **TIBS**
- Bain, M.B., E.R. Cornwell, K.M. Hope, G.E. Eckerlin, R.N. Casey, G.H. Groocock, R.G. Getchell, P.R. Bowser, J.R. Winton, W.N. Batts, A. Cangelosi and J. Casey. 2010. Distribution of an invasive aquatic pathogen (viral hemorrhagic septicemia virus) in the Great Lakes and its relationship to shipping. *PLoS ONE* 5(4): e10156. **TIBS**
- Cornwell, E.R., G.E. Eckerlin, R.G. Getchell, G.H. Groocock, T.M. Thompson, W.N. Batts, R.N. Casey, G. Kurath, J.R. Winton, P.R. Bowser, M.B. Bain and J.W. Casey. 2011. Detection of viral hemorrhagic septicemia virus by quantitative reverse transcription polymerase chain reaction from two fish species at two sites in Lake Superior. *Journal of Aquatic Animal Health* 23(4):207-217. **TIBS**
- Eckerlin G. E., Farrell J. M., Casey R, Hope K, Bowser P, Casey J, and Groocock G. 2011. Temporal variation in incidence of viral haemorrhagic septicaemia virus type IVb among smallmouth bass *Micropterus dolomieu* (Lacepède) in the St. Lawrence River. *Transactions of the American Fisheries Society* 140:529–536. **TIBS**
- Cornwell, E.R., G.E. Eckerlin, T.M. Thompson, W.N. Batts, R.G. Getchell, G.H. Groocock, G. Kurath, , J.R. Winton, R.N. Casey, J.W. Casey, M.B. Bain and P.R. Bowser. 2012. Predictive factors and viral genetic diversity for viral hemorrhagic septicemia virus infection in Lake Ontario and the St. Lawrence River. *Journal of Great Lakes Research* 38(2):278-288. **TIBS**
- Kapuscinski, K. L., J. M. Farrell, and M. A. Wilkinson. 2012. First Report of Abundant Rudd Populations in North America. *North American Journal of Fisheries Management* 32(1):82-86. **TIBS**
- Kapuscinski, K. L., J. M. Farrell, and M. A. Wilkinson. 2012. Feeding patterns and population structure of an invasive cyprinid, the rudd *Scardinius erythrophthalmus* (Cypriniformes, Cyprinidae), in Buffalo Harbor (Lake Erie) and the upper Niagara River. *Hydrobiologia* 693(1):169-181. **TIBS**
- Kapuscinski, K. L., J. M. Farrell, and B. A. Murry. 2012. Feeding strategies and diets of young-of-the-year muskellunge from two large river ecosystems. *North American Journal of Fisheries Management* 32:635-647. **TIBS**
- Kapuscinski, K.L., Sloss, B.L., and J. M. Farrell. 2013. Genetic population structure of muskellunge in the Great Lakes. *Transactions of the American Fisheries Society* 142:1075-1089. **TIBS**
- Crane, D.C., and J. M. Farrell. 2013. Spawning substrate size, shape, and siltation influence walleye egg retention. *North American Journal of Fisheries Management* 33:329–337. **TIBS**
- Crane, D.C., J. M. Farrell, and K.L. Kapuscinski. 2014. Identifying important micro-habitat characteristics of muskellunge spawning locations in the upper Niagara River. *Journal of Great Lakes Research* 40(2) 325-335. **TIBS**

- Farrell, J. M., H. Brian Underwood, and K.L. Kapuscinski. 2014. Fine scale habitat use by age-1 stocked muskellunge and wild northern pike in an upper St. Lawrence River bay. *Journal of Great Lakes Research* 40, Supplement 2:148-153. **TIBS**
- Henning, B. F., K.L. Kapuscinski, and J. M. Farrell. 2014. Nearshore fish assemblage structure and habitat relationships in protected and open habitats in the upper St. Lawrence River. *Journal of Great Lakes Research* 40, Supplement 2:154-163. **TIBS**
- Kapuscinski, K. L., and J. M. Farrell. 2014. Habitat factors influencing fish assemblages at muskellunge nursery sites. *Great Lakes Research* 40, Supplement 2:135-147. **TIBS**
- Kapuscinski, K. L., J. M. Farrell, M. A. Wilkinson, L. C. Skinner, W. Richter, A. J. Gudlewski, and G. Paterson. 2014. Low Concentrations of Contaminants in an Invasive, Omnivorous Cyprinid, the Rudd, in a Great Lakes Area of Concern. *Bulletin of Environmental Contamination & Toxicology* 93:567-573. **TIBS**
- Kapuscinski, K.L., J. M. Farrell, S. Stehman, T. Tschaplinski, D. D. Fernando, and M. A. Teece. 2014. Selective herbivory by an invasive cyprinid, the Rudd (*Scardinius erythrophthalmus*). *Freshwater Biology* 59:2315-2327. **TIBS**
- Kapuscinski, K. L, J. M. Farrell, and M. A. Wilkinson. 2014. Trends in the muskellunge (*Esox masquinongy*) population and fishery of the Buffalo Harbor (Lake Erie) and upper Niagara River. *Great Lakes Research* 40, Supplement 2:125-134. **TIBS**
- Kapuscinski, K. L, and J. M. Farrell. 2014. Habitat factors influencing fish assemblages at muskellunge nursery sites. *Great Lakes Research* 40, Supplement 2:135-147 **TIBS**
- Murry, B. A., and J. M. Farrell. 2014. Resistance of the size structure of the fish community to ecological perturbations in a large river ecosystem. *Freshwater Biology* 59:155-167. **TIBS**
- Roseman, E.F., P. Thompson, J. M. Farrell, N. Mandrak, C. A. Stepien. 2014. Conservation and management of fisheries and aquatic communities in Great Lakes connecting channels. *Journal of Great Lakes Research* 40, Supplement 2:1-6. **TIBS**
- Kapuscinski, K.L., J. M. Farrell, S. Stehman, T. Tschaplinski, D. D. Fernando, and M. A. Teece. 2014. Selective herbivory by an invasive cyprinid, the Rudd (*Scardinius erythrophthalmus*). *Freshwater Biology* 59:2315-2327. **TIBS**
- Crane, D P., L. M. Miller, J. S. Diana, J. M. Casselman, J. M. Farrell, K. L. Kapuscinski, J. K. Nohner. 2015. Muskellunge and Northern Pike Ecology and Management: Important Issues and Research Needs. *Fisheries* 40:6, 258-267. **TIBS**
- Crane, D. C., J. M. Farrell, D. Einhouse, and J. Lantry. 2015. Trends in body conditions of native piscivores following round goby invasion in Lakes Erie and Ontario. *Freshwater Biology* 60:111-124. **TIBS**
- Crane, D. P., and J. M. Farrell. 2015. Muskellunge egg incubation habitat in the upper Niagara River. *Journal of Great Lakes Research* 448-453. **TIBS**
- Gunderson, M. D., K. L. Kapuscinski, D. P. Crane, and J. M. Farrell. 2016. Habitats colonized by non-native flowering rush *Butomus umbellatus* (Linnaeus, 1753) in the Niagara River, USA. *Aquatic Invasions* Volume 11, Issue 4: 369–380. **TIBS**

- K. L. Kapuscinski, T. D. Simonson, D. P. Crane, S. J. Kerr, J.S. Diana, and J. M. Farrell. Editors. 2017. Muskellunge Management: Fifty Years of Cooperation Among Anglers, Scientists, and Fisheries Biologists. American Fisheries Society Symposium #85, Bethesda, MD, 671 pages. ISBN: 978-1-934874-46-2. **TIBS**
- Crane, D. P., and J. M. Farrell. 2017. Trends in body condition of smallmouth bass and northern pike (1982-2013) following multiple ecological perturbations in the St. Lawrence River. Canadian Journal of Fisheries and Aquatic Sciences 74: 1158–1172. **TIBS**
- Leblanc, J. P., B. L. Brown, J. M. Farrell. 2017. Increased walleye *Sander vitreus* egg-to-larvae survival following spawning habitat enhancement in a tributary of Eastern Lake Ontario. North American Journal of Fisheries Management 37:999–1009. **TIBS**
- Turnquist, K. N., Wesley L., J. M. Farrell, P. A. Hanchin, K. L. Kapuscinski; L. M. Miller; K.T. Scribner; C. C. Wilson, and B. L. Sloss. 2017. Genetic structure of muskellunge in the Great Lakes region and the effects of supplementation on genetic integrity of wild populations. Journal of Great Lakes Research 43(6):1141-1152. **TIBS**
- Turnquist, K. N., W. A. Larson, J. M. Farrell, P. A. Hanchin, K. L. Kapuscinski, L. M. Miller, K. T. Scribner. 2017. Spatial genetic structure of muskellunge in the Great Lakes region and the effects of supplementation on genetic integrity of remnant stocks. American Fisheries Society Special Publication 85:477-481. **TIBS**
- Miller, L. M., J. M. Farrell, K. L. Kapuscinski, K. Scribner, B. L. Sloss, K. Turnquist, C. C. Wilson. 2017. A Review of Muskellunge Population genetics: implications for management and future research needs. American Fisheries Society Symposium 85:385-414. **TIBS**
- Carrier, A., A.-L. Ferchaud, P. Brodeur, J. Le Luyer, J. M. Farrell, and L. Bernatchez. 2017. Population genomics towards optimizing Muskellunge (*Esox masquinongy*) management and conservation in Québec Canada. American Fisheries Society Symposium 85:467-471. **TIBS**
- Lewis, C., J. M. Farrell, K. I. Sams, E. R. Cornwell, R. G. Getchell. 2017. A comparison of virulence of four viral hemorrhagic septicemia virus IVb strains in muskellunge. American Fisheries Society Symposium 85:149-159. **TIBS**
- Getchell, R. G., E. R. Cornwell, S. Bogdanowicz, J. Andrés, W. N. Batts, G. Kurath, R. Breta, J. G. Choil, J. M. Farrell, P. R. Bowser. 2017. Complete sequences of four viral hemorrhagic septicemia virus (VHSV) IVb isolates and their virulence in northern pike fry. Diseases of Aquatic Organisms 126:211-227. **TIBS**
- Gallagher, A., P. Szekeres. S. J. Cooke, and J. M. Farrell. 2017. Tracking young-of-year northern pike and muskellunge: monitoring behavior and habitat use during fall outmigration from nursery sites. American Fisheries Society Special Publication 85:167-170. **TIBS**
- Casselman, J. M., T. Lusk, J. M. Farrell, and C. Lake. 2017. Die-off of muskellunge in the Upper St. Lawrence River caused by viral hemorrhagic septicemia, 2005–2008. American Fisheries Society Symposium 85: 373-377. **TIBS**
- Farrell, J. M., R. G. Getchell, K. L. Kapuscinski, and S. R. LaPan. 2017. Long-term trends of St. Lawrence River muskellunge: effects of viral hemorrhagic septicemia and round goby proliferation creates uncertainty for population sustainability. American Fisheries Society Symposium 85:275-301. **TIBS**
- Foubert, A., C. Le Pichon, M. Mingelbier, J. M. Farrell, J. Morin, F. Lecomte. 2019. Modeling the effective spawning and nursery habitats of northern pike within a large spatiotemporally variable river landscape (St. Lawrence River, Canada). Limnol. Oceanogr. 64:803-819. **TIBS**

- Massa, E. A., J. M. Farrell. 2019. Prey selection by larval northern pike (*Esox lucius*) exposed to different zooplankton assemblages representing seasonally flooded wetland and nearshore bay habitats. *Limnol. Oceanogr.* 64:1200-1213. **TIBS**
- Rougemont, Q., Carrier, A., Leluyer, J., Ferchaud, A-L., Farrell, J.M., Hatin, D., Brodeur, P., Bernatchez, L., 2019. Combining population genomics and forward simulations to investigate stocking impacts: A case study of Muskellunge (*Esox masquinongy*) from the St. Lawrence River basin. *Evolutionary Applications* 1–21. **TIBS**
- Miano, A. J., Leblanc, J. P., J. M. Farrell. 2019. Laboratory evaluation of spawning substrate type on potential egg predation by round goby (*Neogobius melanostomus*). *Journal of Great Lakes Research* 45:390-393. **TIBS**
- Getchell, R. G., First E. J., Bogdanowicz S. M., Andrés, J. A., Schulman, A. T., Kramer J., Eckerlin G. E., Farrell, J. M., and H. Marquis. 2019. Investigation of round goby viral hemorrhagic septicemia outbreak in New York. *Journal of Fish Diseases* 7:1029-1033. **TIBS**
- Walton-Rabideau, S.E., Newell, M., Jeanson, A.L., Lédée, E. J. I., Farrell, J. M., S. J. Cooke. 2019. Evaluation of tag retention, healing, growth and behavior in age-0 muskellunge *Esox masquinongy* following acoustic transmitter implantation. *North American Journal of Fisheries Management* 39:652-663. **TIBS**
- Goretzke, M. Windle, J.M. Farrell. 2019. Range Expansion of the Western Tubenose Goby (*Proterorhinus semilunaris* Heckel, 1837) in eastern Lake Ontario and the upper St. Lawrence River. *BioInvasion Records* 8:694-698. **TIBS**
- Nevelndine, B., Leblanc, J. P., J. M. Farrell. 2019. Vegetation response and juvenile northern pike (*Esox lucius*) outmigration following connectivity enhancement of a Typha dominated coastal wetland. *Wetlands* 39:921–934. <https://doi.org/10.1007/s13157-019-01145-y> **TIBS**
- Walton-Rabideau, Lédée, E. J. I., J. P. Leblanc, P. Szekeres, J. D. Midwood, A. J. Gallagher, J. M. Farrell, and Steven J. Cooke. 2020. Spatiotemporal ecology of juvenile Muskellunge (*Esox masquinongy*) and Northern Pike (*Esox lucius*) in upper St. Lawrence River nursery bays. *Ecology of Freshwater Fish* 29:346-363. **TIBS**
- Leblanc, J. P., C. C. Killourhy, J. M. Farrell. 2020. Round goby (*Neogobius melanostomus*) and native fishes as potential nest predators of centrarchid species in the upper St. Lawrence River. *Journal of Great Lakes Research* 46:216–224
- Massa E.A., J. M. Farrell (online first) Improving habitat connectivity in a Typha dominated wetland shows increased larval northern pike survival. *Wetlands* <https://doi.org/10.1007/s13157-019-01177-4> **TIBS**
- Gallo, B., J. M. Farrell, and B. Leydet. (online first) Fisheries and the Gut Microbiome: Using Next Generation Sequencing (NGS) and Microbial Ecology to Better Understand Fish-Microbe Interactions. *Fisheries*. **TIBS**

Non-refereed publications (examples since 2009)

- Farrell, J. M. 2009. Research at Governors Island. *Thousand Islands Life Magazine*. March 2009. www.thousandislandslife.com. **TIBS**
- Farrell, J.M., R.T. Colesante, D.E. Dittman, and J.H. Johnson. 2009. Lake sturgeon population enhancement as a strategy for improvement of ecosystem function and controlling invasive species. Final Report. Fish Enhancement Mitigation and Research Fund, US Fish and Wildlife Service, New York Field Office, Cortland NY. **TIBS**

- Farrell, J. M., and M. T. Distler. 2012. Coastal Wetland Integrity in the Upper St. Lawrence River: Status and Considerations for Restoration and Enhancement. Great Lakes Research Review Volume 8 (2012). **TIBS**
- Wilson, C. and J. M. Farrell. 2012. Genetic analysis of walleye population structure in Lake Ontario and the St. Lawrence River and adjoining waters of New York. Great Lakes Fisheries Commission 2011 Lake Ontario Annual Report. NYS Department of Environmental Conservation. **TIBS**
- Farrell, J.M., Brown, B.L., Avruskin, G.A., Henning, B.H. 2012. FINAL REPORT: Development of the St. Lawrence River Fish Habitat Conservation Strategy: An Evaluation of Toolkit Implementation. Fish Enhancement and Mitigation Research Fund Project. 26pp. **TIBS**
- Farrell, J.M., Brown, B.L., Avruskin, G.A. Crane, D.C, Henning, B.H. 2012. St. Lawrence River Fish Habitat Conservation Strategy: Annual Progress Report. Fish Enhancement and Mitigation Research Fund Project. 49pp. **TIBS**
- Farrell, J.M., Brown, B.L., Avruskin, G.A. 2013. The St. Lawrence River Fish Habitat Conservation Strategy: Evaluation of Habitat Enhancements and Development of Novel Restoration Approaches. Annual Progress Report. Fish Enhancement Mitigation Research Fund Project. 36pp. **TIBS**
- Farrell, J. M., and Runner, J.S. 2014. Muskellunge monitoring and management in the Thousand Islands section of the St. Lawrence River. NYS Department of Environmental Conservation 2013 Great Lakes Fishery Commission Lake Ontario Annual Report. **TIBS**
- Farrell, J. M., and Runner, J. S. 2014. Northern pike monitoring in the Thousand Islands Section of the St. Lawrence River. NYS Department of Environmental Conservation 2013 Great Lakes Fishery Commission Lake Ontario Annual Report. **TIBS**
- Farrell, J. M., and J. Runner. 2015. Muskellunge monitoring and management in the Thousand Islands section of the St. Lawrence River. NYS Department of Environmental Conservation 2014 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**
- Farrell, J. M., and J. Runner. 2015. Northern pike monitoring in the Thousand Islands Section of the St. Lawrence River. NYS Department of Environmental Conservation 2014 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**
- Farrell, J. M., C. Bachman, A. Looi , S. LaPan, M. Regan, J. Runner, K. Schulz, M. J. Mitchell, J. Gibbs, and D. J. Leopold. 2015. Coastal Fisheries Habitat Restoration in the St. Lawrence River: Documenting Project Efficacy FINAL REPORT Ducks Unlimited and the National Oceanographic and Atmospheric Administration (NOAA) Coastal Fisheries Habitat Restoration Program, 91 pages. **TIBS**
- Farrell, J. M., and N. Satre. 2016. Muskellunge research, monitoring, and management in the Thousand Islands section of the St. Lawrence River. NYS Department of Environmental Conservation ,2015 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**
- Farrell, J. M., and E. Augustyn. 2016. Northern pike research, monitoring, and management in the Thousand Islands Section of the St. Lawrence River. NYS Department of Environmental Conservation, 2015 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**
- Farrell, J. M., and N. Satre. 2017. Muskellunge research, monitoring, and management in the Thousand Islands section of the St. Lawrence River. NYS Department of Environmental Conservation, 2016 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**

Farrell, J. M., and E. Augustyn. 2017. Northern pike research, monitoring, and management in the Thousand Islands Section of the St. Lawrence River. NYS Department of Environmental Conservation, 2016 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**

Farrell, J. M., N. A. Satre, and K. Abbott. 2018. Muskellunge research, monitoring, and management in the Thousand Islands section of the St. Lawrence River. NYS Department of Environmental Conservation, 2016 Great Lakes Fishery Commission Lake Ontario Committee Annual Report.
https://www.dec.ny.gov/docs/fish_marine_pdf/lorpt17.pdf **TIBS**

Farrell, J. M., and N. A. Satre. 2018. Northern pike research, monitoring, and management in the Thousand Islands Section of the St. Lawrence River. NYS Department of Environmental Conservation 2017 Great Lakes Fishery Commission Lake Ontario Committee Annual Report. **TIBS**
https://www.dec.ny.gov/docs/fish_marine_pdf/lorpt17.pdf

Farrell, J.M. 2019. Wetland responses to habitat enhancements and regulated hydrology in the upper St. Lawrence River. *Clear Waters* 49:42-47. **TIBS**

Thesis and Dissertation Projects (18 - since 2006)

Murry, B. A. 2006. Community Ecology of Fishes in a Large River Ecosystem. Doctoral Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**

Rehm, E. M. 2006. Factors Affecting Marsh Bird Abundance and Species Richness of Wetland Birds in New York. Master's Thesis, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**

Toner, J. A. 2006. Muskrat house abundance and cattail use in upper St. Lawrence River tributary wetlands: modeling the effects of water level regulation. MS Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**

Kelder, B. 2008. Walleye spawning habitat in tributaries of Eastern Lake Ontario and the St. Lawrence River. Master's Thesis, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**

Eckerlin, G. E. 2009. Viral haemorrhagic septicaemia virus type VIb among Smallmouth Bass *Micropterus dolomieu* (Lacepède) in the St. Lawrence River: An invasive Species mediated pathogen? Master's Thesis, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**

Woodside, K. 2009. Development and application of models predicting young-of-the-year muskellunge presence and abundance from nursery features. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**

Kapuscinski, K. 2011. Comparative ecology of muskellunge and nearshore fish assemblages in the Great Lakes. Doctoral Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**

Henning, B. 2012. Nearshore fish assemblage structure and habitat relationships in protected and open habitats in the upper St. Lawrence River. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**

- Killourhy, C. 2012. Effects of Round Goby predation on reproductive success of native species based on spawning strategy. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Crane, D. 2013. Reproductive ecology of native predatory fishes and body condition responses to invasive Round Goby in the lower Great Lakes and connecting channels. Doctoral Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**
- DeVilbiss, K. 2013. Potential mechanisms of relative success of three sympatric esocids in the St. Lawrence River. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Miano, A.J. 2015. Invasive round goby diet patterns and egg predation on broadcast spawning fishes in upper St. Lawrence River coastal habitats. Master's Thesis, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**
- LaPan, S. 2015. Bird, reptile and amphibian response to habitat enhancement of St. Lawrence River coastal wetlands. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Halpern, A. D. 2017. *Hydrocharis morsus-ranae* L. in the upper St. Lawrence River in New York: Its success within heterogenous wetland habitat and potential management approaches. Doctoral Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, New York. **TIBS**
- Augustyn, E. 2018. Larval northern pike (*Esox lucius*) ecology in natural and restored coastal wetlands of the upper St. Lawrence River. Master's thesis. State University of New York, College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Gallo, B. 2019. Influence of the diet, environment, and food web on the gut microbiome of northern pike (*Esox lucius*) and fishes of the upper St. Lawrence River. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Kua, A. 2019. Water regulation and muskrat (*Ondatra zibethicus*) effects on wetland plant assemblages. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**
- Goretzke, J. 2019. Assessment and enhancement of aquatic macrophyte assemblages as native fish habitat in excavated wetlands of the upper SLR. Master's Thesis, SUNY College of Environmental Science and Forestry, Syracuse, NY. **TIBS**