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Jory L. Jonas

Education May 1996 University of Illinois Champaign/Urbana, IL
M.S. Biology-Emphasis in Fisheries

May 1988 University Wisconsin Green Bay Green Bay, WI
B.S. Biology
Minor in Science and Environmental Change

1989 Teaching certification in Secondary Science Biology and
Environmental Science-Broadfield

JOURNAL PUBLICATIONS:

Publications Fitzsimons, J. D., Williston, B., Fodor, G., **Jonas, J. L.**, Claramunt, R. M.,
Marsden, J. E., Ellrott, B. J., and Honeyfield, D. C. 2007. Influence of
egg predation and physical disturbance on lake trout egg mortality.
Journal of Fish Biology 71:1-16.

Ellrott, B. J., Marsden, J. E., Fitzsimons, J. D., **Jonas, J. L.**, and Claramunt, R.
M. 2007. Effects of temperature and density on consumption of trout
eggs by *Orconectes propinquus* and *O. rusticus* Journal of Great
Lakes Research 33:7-14.

Bronte, C. R., Holey, M. E., Madenjian, C. P., **Jonas, J. L.**, Claramunt, R. M.,
Ebener, M. P., McKee, P. C., Toneys, M. L., Breidert, B., Fleischer, G.
W., Hess, R., Martell_Jr., A. W., and Olsen, E. J. 2007. Relative
abundance, site fidelity, movement, and survival of adult lake trout in
Lake Michigan: an evaluation of stocking strategies for restoration.
North American Journal of Fisheries Management 27(1):137-155.

Fitzsimons, J. D., Williston, B., Fodor, G., Bravener, G., **Jonas, J. L.**,
Claramunt, R. M., Marsden, J. E., Ellrott, B. J. 2006. Laboratory
estimates of salmonine egg predation by round gobies (*Neogobius
melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish
(*Orconectes propinquus*). Journal of Great Lakes Research 32:227-
241.

Diana, C. M., **Jonas, J. L.**, Claramunt, R. M., Fitzsimons, J. D., and Marsden,
J. E. 2006. A comparison of methods for sampling round gobies in
littoral rocky areas. North American Journal of Fisheries Management
26:514-522.

Jonas, J. L., R. M. Claramunt, J. D. Fitzsimons, J. E. Marsden and B. J.
Ellrott. 2005. Estimates of egg deposition and effects of lake trout
(*Salvelinus namaycush*) egg predators in three regions of the Great
Lakes. Canadian Journal of Fisheries and Aquatic Sciences 62:2254-
2264.

Claramunt, R. M., **J. L. Jonas**, J. D. Fitzsimons and J. E. Marsden. 2005.
Influences of spawning habitat characteristics and interstitial predators
on lake trout egg deposition and mortality. Transactions of the American
Fisheries Society 134(4):1048-1057.

Marsden, J. E., B. J. Ellrott, R. M. Claramunt, **J. L. Jonas** and J. D.

- Fitzsimons. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in Lakes Michigan, Huron, and Champlain. *Journal of Great Lakes Research* 31(4):492-508.
- Jonas, J. L.**, P. J. Schneeberger, D. F. Clapp, M. Wolgamood, G. Wright, and B. Lasee. 2002. Presence of BKD-causing bacterium *Renibacterium salmoninarum* in lake whitefish and bloaters in the Laurentian Great Lakes. *Archiv Hydrobiol. Spec. Issues Advanc. Limnol.* 57:447-452.
- Jonas, J.L.**, and Wahl, D.H. 1998. Relative importance of direct and indirect effects of starvation for young walleyes. *Transactions of the American Fisheries Society* 127(2): 192-205.
- Jonas, J.L.**, Kraft, C.E., and Margenau, T.L. 1996. Assessment of seasonal changes in energy density and condition in age-0 and age-1 muskellunge. *Transactions of the American Fisheries Society* 125(2): 203-210.

SPECIAL REPORTS:

- Jonas, J.**, R.M. Claramunt, and E. Rutherford. 2009. Lake Michigan State of the lake 2005. Salmonine Reproduction and Recruitment "State of the Lake" status report provided to the Great Lakes Fishery Commission.
- Bronte, C.R., Krueger, C.C., Holey, M.E., Toneys, M.L., Eshenroder, R.L., and **Jonas, J.L.** 2008. A Guide for the rehabilitation of lake trout in Lake Michigan. Miscellaneous Publication 2008-01, Great Lakes Fishery Commission, Ann Arbor, Michigan.
<http://www.glfc.org/pubs/SpecialPubs/2008-01.pdf>
- Johnson, J.E., **Jonas, J.L.**, and Peck, J.W. 2004. Management of commercial fisheries bycatch, with emphasis on lake trout fisheries of the upper Great Lakes. Fisheries Research Report 2070, Michigan Department of Natural Resources, Ann Arbor, Michigan.
<http://www.michigandnr.com/PUBLICATIONS/PDFS/ifr/ifrilibra/research/reports/2070rr.pdf>
- Bronte, C.R., **Jonas, J.L.**, Holey, M.E., Eshenroder, R.L., Toneys, M.L., McKee, P., Breidert, B., Claramunt, R.M., Ebener, M.P., Krueger, C.C., Wright, G., and Hess, R. 2003. Possible impediments to lake trout restoration in Lake Michigan, Great Lakes Fishery Commission.
<http://www.glfc.org/lakecom/lmc/ltrestore.pdf>
- Jonas, J.**, D. F. Clapp, J. Bence, M. Holey. 2001. State of the Lake Michigan salmonine community – 2000. Five year "State of the Lake" status report provided to the Great Lakes Fishery Commission.
- Elliott, R., C. Madenjian, **J. Jonas** et al. 2001. A detailed spatial, temporal, and ontogenetic description of the diet of Lake Michigan lake trout, 1994-1995. Report written by LMTC Diet Work Group in January 2001, to be published.
- Schneeberger, P., Toneys, M., Elliott, R., **Jonas, J.**, Clapp, D.F., Hess, R., and Passino-Reader, D. 1999. Lake-wide assessment plan for Lake Michigan Fish Communities. Special Publication, Lake Michigan Technical Committee, Ann Arbor, MI.
<http://www.glfc.org/pubs/SpecialPubs/lwasses01.pdf>

Funded
Proposals

- Fitzsimons, J. D., J. E. Marsden, **J. Jonas** and R. Claramunt. 2000. Effects of Egg and Fry Predators on Lake Trout Recruitment in Lake Michigan. A three-year study co-funded by the Great Lakes Fishery Trust and the Great Lakes Fishery Commission.

Holey, M., R. Claramunt, M. Ebener, **J. Jonas**, G. Fleischer, E. Olsen and M. Toney. 1999. Success of Current Strategies to Recolonize Lake Trout Spawning Reefs in Northern Lake Michigan. A three-year study funded by the Great Lakes Fishery Trust.

Wright, G., **J. Jonas**, and S. Marquenski. 2001. Great Lakes Fish Condition/Health Monitoring Methodologies Workshop. Funded by the Great Lakes Fishery Commission-Coordination Activities Program.

Awards
received

2001 "Top Fin" award from Fisheries Division, Michigan Department of Natural Resources for participation in tribal harvest modeling initiatives.

1999 "Winner" 1999 Best Poster Competition of the open session at 61st Midwest Fish and Wildlife, Conference Chicago, IL. Poster entitled "Sampling considerations for assessment of salmon and trout populations in the Laurentian Great Lakes"

1996 "Finalist" Transaction of the American Fisheries Society Best Paper Award for volume 125 in 1996. Paper entitled "Assessment of seasonal changes in energy density and condition in age-0 and age-1 muskellunge".

1995 "Honorable mention" recipient of the 1995 Skinner Memorial Award of the American Fisheries Society.

Professional
memberships

Michigan Chapter AFS-1996-Present
-Member
-Chair 2001 meeting planning committee

Illinois Chapter AFS-1996
-Chair Environmental Concerns Committee

Illinois Chapter AFS-1994/1995
-Elected student representative on nominations committee

University of Illinois Subunit of the Illinois Chapter of AFS-1994
-Past President

American Fisheries Society-1990-Present
-Member

Continuing
Education

2008 Attend introduction to programming with R course conducted at Quantitative Fisheries Center East Lansing, MI.

2003 Attend fisheries modeling workshop part II at Quantitative Fisheries Center East Lansing, MI.

2002 Attend fisheries modeling workshop part I at Quantitative Fisheries Center East Lansing, MI.

2001 Principals of underwater acoustics: mobile surveys in the Great Lakes. Training conducted by Biosonics.

Attend AD Model Builder workshop taught by John Fournier at Madison, WI.

- 2000** Great Lakes Stock Assessment Applications Workshop at Cornell University.
- 2000** Advanced Open Water PADI Diving Certification
- 1999** Fish Genetics Course taken through U.S. Fish and Wildlife Service National Conservation Training Center.
- 1999** GIS training- 2 courses (introductory and intermediate). Michigan State University.
- 1999** Open Water PADI Diving Certification.
- 1998** Coordinated training in the use of the statistical package SPSS for DNR staff.