

Graduate Students of John J. Magnuson

Name	Degree	Year	Notes	Thesis Title
Berg, Ronald J.	MS, Zoology	1969		Low oxygen tolerance by yellow perch (<i>Perca flavescens</i>) from winterkill and non-winterkill lakes.
Calleso, George W.	MS, Zoology	1970		The effects of negative buoyancy on the behavior of the bluegill, <i>Lepomis macrochirus</i> , in a laboratory.
Carf, Gary W.	MS, Zoology?	1970		Food chain in Wisconsin lakes.
Miller, John M.	Ph.D. Zoology	1970		An analysis of the distribution of young-of-the-year brook trout, <i>Salvelinus fontinalis</i> (Mitchell), in a warmwater stream, Wisconsin.
Winter, Donald R.	MS, Zoology - Botany	1970		Water quality and trophic condition of Lake Superior (Wisconsin waters).
Neill, William H.	Ph.D. Zoology	1971		Distributional ecology and behavioral thermoregulation of fishes in relation to heated effluent from a steam-electric power plant (Lake Monona, Wisconsin).
Petrofsky, Bernard R.	MS, Zoology	1971		Behavioral responses of northern pike, yellow perch, and bluegill to lowered oxygen under simulated winterkill conditions.
John Patterson	MS, Water Resources Management	1972		
Burnison, Paul C.	MS, Zoology	1972		Distribution, movement, and feeding interactions among bluegill and three other garfish in Lake Winnebago.
Brauer, Garrett	MS Zoology	1972		The effect of a power plant on the distribution and abundance of zooplankton near the plant's thermal outfall.
Engel, Sanford	Ph.D. Zoology	1972		Utilization of food and space by cisco, yellow perch, and introduced coho salmon, with notes on other species, in Flanders Lake, Wisconsin.
Hills, Kenneth H.	MS, Zoology	1972		Distribution of fishes under the ice in relation to dissolved oxygen, temperature, and free, dissolved carbon dioxide in Mystery Lake, Wisconsin.
Petry, Lorna L.	MS, Zoology	1972		Effects of heated effluent on Lymphocystis in age 0 bluegill in Lake Monona, Wisconsin.
Backstrand, Mary Lee	MS, Zoology	1973		Importance of visual density on aggression and growth among green sunfish, <i>Lepomis cyanellus</i> , in the laboratory.
El-Shamy, Farouk M. H.	Ph.D. L&O	1973		A comparison of feeding and growth of bluegill (<i>Lepomis macrochirus</i>) in Lake Winnebago and Lake Mendota, Wisconsin.
Steffel, Sherry	MS, O&L	1973		Temperature discrimination thresholds in a tuna, the kawakawa (<i>Thunnus albacares</i>), by determined by operant conditioning.
Richardson, Fred Bradford	MS, Water Resources Management	1973		
Baker, Joan Patterson	MS, Zoology and Water Resource Management	1974		Response of crystal lake (Vilas County, Wisconsin) to intensive recreational use.
Benley, William R.	MS, Water Resources Management	1974		
Bellinger, Thomas Lee	Ph.D. Zoology	1974		Influence of abiotic and biotic factors on the stability of behavioral thermoregulation in fishes, particularly the bluegill.
Capelli, Gregory Martin	Ph.D. Zoology	1975		Distribution, life history, and ecology of crayfish in northern Wisconsin, with emphasis on <i>Decapetes reidii</i> (Griffith).
Carline, Robert F.	Ph.D. Zoology	1975		Influence of recruitment rates on production by three populations of wild brook trout (<i>Salvelinus fontinalis</i> Mitchell).
Shaffer, William R.	MS, O&L	1975		Potential effects of a proposed impoundment on the macroinvertebrate community of the Kickapoo River with special reference to the influence of temperature on the feeding rate and emergence of <i>Amblyopsa virgata</i> (Petersen & Shapovalov).
Smith, Randy A.	MS, Water Resources Management	1975		
Stein, Roy A. Jr.	Ph.D. Zoology	1975		Selective predation, optimal foraging, and resource depression within the predator-prey interaction between fish and crayfish.
Stuntz, Warren	MS and Ph.D. Zoology	1973 & 1975		MS: Distribution of fishes near Front Beach Power Plant, Lake Michigan; Ph.D. Habitat selection and growth of bluegill.
Smith, George J.	MS, Zoology	1975		Fish foods and their management.
Wondrack, Bruce	MS, O&L ?	1977		Life history characteristics of suckers from Green Bay and Lake Michigan with special reference to the white sucker.
Cross, Kevin	MS, Water Resources Management	1978		
Brand, Stephen B.	MS and Ph.D. O&L	1978		MS: Acoustic determination of fish distribution and abundance in Lake Michigan with special reference to temperature. Ph.D. Thermal ecology and abundance of alewife (<i>Alosa pseudoharengus</i>) in Lake Michigan.
Colburn, Elizabeth A.	Ph.D. Zoology	1980		Factors influencing the distribution and abundance of the salt-tolerant caddisfly <i>Limnephilus assmilis</i> in Death Valley.
Harrell, Dorothy M.	MS, Water Resources Management and Zoology	1978 & 1980		Effects of crayfish exposure to cold salt effluent and to chromium-contaminated food.
Iskoff, Peter D.	MS, O&L	1980		Annual and seasonal variability in the growth of sympatric muskellunge from mesotrophy (Mitchell) and northern pike (<i>Esox lucius</i> Linnaeus).
Klinger, Sharon A.	MS, Zoology	1980		An investigation of survival mechanisms of three species of fish (<i>Stizostedion snyderi</i> Lake).
Lorman, James G.	MS and Ph.D. Zoology	1975 & 1980		MS: Ecology of crayfish <i>Decapetes rusticus</i> in northern Wisconsin. Ph.D. Feeding and activity of the crayfish <i>Decapetes rusticus</i> in a northern Wisconsin lake.
Schlotz, Allan T.	Ph.D. Zoology	1980	ADH with 3M	Hormonal regulation of smolt transformation and olfactory imprinting in coho salmon.
Harrington, Cynthia L.	Ph.D. Zoology	1981		Responses of benthic macrobenthos to the dynamics of a Gulf Stream front on the continental shelf near Cape Hatteras, North Carolina.
Johnson, Thomas J.	MS, Water Resources Management	1981	John Taylor	
Coylan, David L.	MS, O&L	1982		An experimental study of interactions between young of the year pike (<i>Esox lucius</i>) and muskellunge (<i>Esox masquinongy</i>).
Henderson, Nordeanna L.	MS, Water Resources Management	1982		
Gitter, Michael J.	MS, O&L	1982		Thermal distribution and community structure of Lake Michigan zooplankton with emphasis on the interactions of young-of-year fishes.
Rahel, Frank J.	MS and Ph.D. Zoology	1977 & 1982		MS: Selection for size resistance in a laboratory population of fathead, <i>Pimephales promelas</i> Goode and Bean. Ph.D. Fish assemblages in Wisconsin food lakes.
Wieschopp, Jesse R.	MS, Water Resources Management	1982		
Horn, William H.	Ph.D. Zoology	1983		A comparison of four stocks of lake trout with respect to early development.
Ruddram, Lars G.	MS, Zoology	1983		The cisco, <i>Coregonus artedii</i> , in Wisconsin lakes: Long term comparison of population structure and an analysis of their vertical distribution.
Tonn, William M.	MS and Ph.D. Zoology	1980 & 1983		MS: Patterns in the assembly and diversity of fish communities in northern Wisconsin lakes. Ph.D. The organization of <i>Lepomis</i> fish assemblages in northern Wisconsin lakes.
Weisberg, Mike	MS, Water Resource Management and O&L	1982 & 1983		Thermal distribution and feeding morphology of mesopelagic fishes off Cape Hatteras, North Carolina.
Lyons, John	MS and Ph.D. Zoology	1981 & 1984		MS: Effects of lethal levels of acidity on plasma sodium concentrations in yellow perch (<i>Perca flavescens</i>) from a naturally acidic and a naturally alkaline lake. Ph.D. Winter predation, yellow perch abundance and the population dynamics of an assemblage of littoral zone fishes in Sparkling Lake, Wisconsin.
Wrasone, Therese J.	MS, Water Resources Management	1984		
Chulkaseni, Weerawan	Ph.D. Zoology	1987	with Marion Meyer	Interactive effects of low pH and low ion concentrations on the reproduction and early life stages of muskellunge, <i>Stizostedion snyderi</i> .
Chapman, Theodor Karlina	MS, Water Resources Management	1987		
Kabacka, Michael T.	MS, Water Resources Management	1987		
Farmer, Glenna Jo	MS, Water Resources Management	1987		
Hurtmes, Neo	MS, L&O	1988		Artifacts or attributes? Effects of resolution on food-web patterns in Little Rock Lake, Wisconsin.
Horn, Mohammed K.	MS, O&L	1988		Can net selectivity along the trophic gradient in Green Bay (Lake Michigan).
Luoma, Cynthia K.	MS, O&L	1988		Trophic interactions of <i>Alosa</i> in Lake Mendota - 1987.
Nelson, Jay A.	MS and Ph.D. Zoology	1984 & 1988		MS: Environmental determinants of muscle buffering in yellow perch (<i>Perca flavescens</i>) I. season, reproductive state, and environmental pH. Ph.D. Physiological compensation to the environment in a population of yellow perch (<i>Perca flavescens</i>) from a naturally acidic lake.
Nitzhamyong, Charoen	Ph.D. Zoology	1988	with Marion Meyer	Bioenergetics approaches to the study of anabolic effects of 17 α -methyltestosterone in bluegill, <i>Lepomis macrochirus</i> .
Sierszen, Michael E.	Ph.D. O&L	1988	with Tom Frost	Zooplankton feeding ecology and the experimental acidification of Little Rock Lake.
Robertson, Dale M.	Ph.D. O&L	1989	with Robert Ragotzke	The use of lake water temperatures and ice cover as climatic indicators.
Lovely, Robert A.	MS, Land Resources	1989		Predictive ecology and the politics of science in the acid rain battle of Wisconsin.
Jacobson, Paul Timothy	MS and Ph.D. O&L	1987 & 1990	with C. Clay	MS: Patterns and process in the distribution of cisco, <i>Coregonus artedii</i> , in Trout Lake, Wisconsin. Ph.D. Size, distribution, and abundance of pelagic fish by decomposition of single beam acoustic data: methods, precision, and results.
Reinhardt, Suzanne	MS, Water Resources Management	1990		
Schneider, Daniel Walters	Ph.D. Zoology	1990	with Tom Frost	Habitat duration and the community ecology of temporary ponds.
Sech, Joseph Michael (Mike)	MS and Ph.D. O&L	1986 & 1991	with C. Clay	MS: Physical oceanography of the Gulf Stream from the research cruise Echo Frost '85. Ph.D. On the linear relationship of acoustic backscatter to physical structure at the western edge of the Gulf Stream.
McLain, Ann Shryock	Ph.D. Zoology ?	1991		Conceptual and empirical analyses of biological invasion into north temperate lakes.
Gonzales L, Maria de J	MS and Ph.D. O&L	1988 & 1992	with Tom Frost	MS: Refiller population dynamics and food limitation in Little Rock Lake, Wisconsin. Ph.D. Effects of experimental acidification on zooplankton population: a multiple-scale approach, an original study.
Asplund, Timothy R.	MS, Water Resources Management and O&L	1991 & 1993		Patterns and mechanisms of year-to-year variability in winter oxygen depletion rates in ice-covered lakes.
Cisneros, Rigel D.	MS, In O&L	1993		Detection of cryptic invasions and local extinctions of fishes using a long-term database.
Hill, David K.	Ph.D. student	1993		
Hoffman, Judith Irene	MS, Water Resources Management and Land Resources	1993		Spatial and temporal distributions of <i>Karelessia harrisi</i> in association with temperature, oxygen, chlorophyll-a, and pH in Little Rock Lake, Wisconsin.
Wesslin, Martha J.	MS, Water Resources Management	1994		
Brazner, John C.	Ph.D. O&L	1994		Patterns in fish assemblages from coastal wetland and other littoral habitats in Green Bay, Lake Michigan.
Weaver, Melissa Jean	Ph.D. O&L	1994		The spatial distribution of fishes in relation to habitat in north temperate lakes.
Rivers, Carla Lizabeth	MS, O&L	1995	with Jeffrey Hanson	Evaluation of harvest effluents from fertilized fingerling ponds and the environmental impact of a small lake.
Bamberger, Thomas R.	MS, Water Resources Management	1996		
Harlowe, Paul D.	MS, Water Resources Management	1996		
Fisher, Janet Marie	MS and Ph.D. Zoology	1994 & 1997	with Tom Frost	MS: Stage-structured dynamics of an invertebrate predator. Ph.D. Zooplankton community responses to acidification: the role of rapid evolution and compensatory dynamics.
Arnott, Shelley Elizabeth	Ph.D. Zoology	1998	with Tom Frost	Species turnover and richness of aquatic communities in north temperate lakes.
Webster, Katherine Emerson	MS, Water Resources Management and Zoology and Ph.D. O&L	1990 & 1998		Responses of stream macroinvertebrates to environmental stress imposed by a cold salt effluent. Ph.D. Responses of lakes to drought: phenological and landscape context.
Champion, Chadwick L.	MS, Water Resources Management	1998		
Schreck, Tarry	MS, Water Resources Management	1997		
Sanderson, Beth L.	MS and Ph.D. Zoology	1994 & 1998	with Tom Frost	MS: Regulation of dirotalgelator populations: relative importance of grazing, resource limits and life history processes. Ph.D. Factors affecting water clarity in northern Wisconsin lakes.
Hrabik, Thomas R.	MS and Ph.D. O&L	1995 & 1999		Distribution and feeding of minnow smelt in Wisconsin: effects on native fishes. Ph.D. Factors influencing fish distribution and condition within lakes and across landscapes.
Levin, David Bruce	MS and Ph.D. O&L	1995 & 2000		MS: The roles of lake calcium concentration and crayfish abundance in mediating crayfish on snails. Ph.D. Nich-based and biogeographic constraints on benthic communities.
Pollard, Aminta	Ph.D. Limnol & Mar Sci	2002	with Tom Frost	Patterns of invertebrate distribution in connected lentic and lotic ecosystems.
Wilson, Karen Alice	MS and Ph.D. Zoology	1996 & 2002		MS: Predator-prey interactions across vegetation gradients. Ph.D. Impacts of the invasive rusty crayfish (<i>Decapetes rusticus</i>) in northern Wisconsin lakes.
Wilks, Theodore V.	MS and Ph.D. Limnol & Mar. Sci.	2001 & 2003		MS: Patterns in species composition across the interface between streams and lakes. Ph.D. Dynamics of fish communities and populations in five northern Wisconsin lakes from 1981-2001.
Mokry, Gilbert	MS, Water Resources Management	w/HDRA in.		