

Jacques RINCHARD

Department of Environmental Science and Biology
 SUNY Brockport
 390 New Campus Drive
 Lennon Hall
 Brockport, NY 14420-2914
 Phone: 585-395-5750
 Fax: 585-395-5969
 e-mail: jrinchar@brockport.edu

Education

- 1996: Ph.D. Facultés Universitaires Notre-Dame de la Paix, Namur (Belgium), Unité de Recherche en Biologie des Organismes, Unité d'Ecologie des Eaux Douces-Laboratory of Freshwater Ecology (Prof. Jean-Claude Micha and Prof. Patrick Kestemont).
 Dissertation title: Comparative study of reproductive biology in single- and multiple-spawner cyprinid fish.
- 1991: Teaching certificate in Biology - Agrégation de l'Enseignement Secondaire Supérieur
 Facultés Universitaires Notre-Dame de la Paix, Namur (Belgium), Unité de Méthodologie et de Didactique de la Biologie (Prof. Daniel Rousselet).
- 1991: M.S. Facultés Universitaires Notre-Dame de la Paix, Namur (Belgium), Unité d'Ecologie des Eaux Douces-Laboratory of Freshwater Ecology (Prof. Jean-Claude Micha).
 Thesis title: Seasonal changes in plasma levels of steroid hormones in an asynchronous fish the gudgeon *Gobio gobio* L.

Activity

- September 2007 to present: Assistant Professor at SUNY Brockport (Department of Environmental Science and Biology)
- December 2005 to August 2007: Research Investigator at The University of Michigan (School of Natural Resources and Environment) and USGS Great Lakes Research Center.
- March 2003 to November 2005: Postdoctoral Research Associate at The Ohio State University (School of Natural Resources, Prof. Konrad Dabrowski).
- October 2001 to February 2003: Postdoctoral Research Associate at Texas Tech University (The Institute of Environmental and Human Health, TIEHH, Department of Environmental Toxicology, Prof. Christopher Theodorakis).
- July 1999 to September 2001: Postdoctoral Research Associate at The Ohio State University (School of Natural Resources, Prof. Konrad Dabrowski).
- March 1997 to June 1999: Visiting Scholar at The Ohio State University (School of Natural Resources, Prof. Konrad Dabrowski).
- December 1996 to March 1997: Postdoctoral Research Associate at the Facultés Universitaires Notre-Dame de la Paix, Belgium (Unité de Recherche en Biologie des Organismes, Unité d'Ecologie des Eaux Douces-Laboratory of Freshwater Ecology, Prof. Jean-Claude Micha).

September 1991 to December 1996: Research Associate at the Facultés Universitaires Notre-Dame de la Paix, Belgium (Unité de Recherche en Biologie des Organismes, Unité d'Ecologie des Eaux Douces-Laboratory of Freshwater Ecology, Prof. Jean-Claude Micha).

Courses taught

Undergraduate courses: Aquaculture I (ENV462), Animal Ecophysiology (ENV476), Biology of Organisms (ENV204), Animal Behavior (ENV427), Aquaculture II (ENV472)

Graduate courses: Aquaculture I (ENV562), Animal Ecophysiology (ENV576), Multivariate Statistics (ENV699), Animal Behavior (ENV527), Aquaculture II (ENV572)

Invited seminar

Departmental Seminar, Spring 2002. Cottonseed meal in salmonid fish diets. How toxic is it? Organized by the Department of Environmental Toxicology, Texas Tech University, Lubbock, TX.

Seminar "Advances in Aquaculture", Spring 2001. Production of all-female muskellunge *Esox masquinongy* and hybrid tiger muskellunge (*E. masquinongy* x *E. lucius*). Organized by Dr. K. Dabrowski and Dr. M.A. Garcia-Abiado, School of Natural Resources, The Ohio State University, Columbus, OH.

Professional experience and expertise

Radioimmunoassay (RIA), histology, microscopy, spectrophotometry, gas chromatography (GC), enzyme-linked immunosorbent assay (ELISA), high performance liquid chromatography (HPLC);

Hormone injection and induced spawning, chromosome set manipulations including gynogenesis, triploidy and sex-reversal, *in vitro* tissue culture, lipids and fatty acids analysis, blood sampling, fish sperm cryopreservation, evaluation of sperm quality;

Water analysis, fish community survey that involves the use of gill and trap nets, seines, and electrofishing;

Operation of recirculating, semiclosed, and flowthrough aquaculture systems, raceways, ponds; intensive and extensive fish culture techniques; management of fish broodstock, incubation and rearing of eggs, embryos, larvae and juveniles;

Computer software operation for both PC and Macintosh: word processing (Word for Windows), spreadsheets (MS Excel), statistical packages (Statistica, Statview, SPSS for Windows, SAS, SigmaStat), graphics and presentation (Cricket Graph III, MS PowerPoint, SigmaPlot), Star Worstation GC/LC (Varian, Inc.)

Biostatistics, full and fractional factorial experimental designs, various parametric and nonparametric procedures, transformations, statistical inference, operation of statistical software.

Publications

Dabrowski, K., Arslan, M., Rinchar, J. and Palacios, M., 2008. Growth, maturation, induced spawning, and production of the first generation of South American catfish, *Pseudoplatystoma* sp., in North America. *Journal of the World Aquaculture Society*, 39, 174-183.

Arslan, M., Rinchar, J., Portella, M.C. and Dabrowski, K., 2008. Effects of different dietary lipid sources on the survival, growth and fatty acid composition of South American catfish (*Pseudoplatystoma fasciatum*) juveniles. *Journal of the World Aquaculture Society*, 39, 51-61.

- Rinchar, J., Becheret, R. and Dabrowski, K., 2008. Growth, survival, and body composition of yellow perch *Perca flavescens* juveniles fed commercial and experimental diets. *North American Journal of Aquaculture*, 70, 74-79.
- Trattner, S., Pickova, J., Park, K.H., Rinchar, J. and Dabrowski, K., 2007. Effects of α -lipoic and ascorbic acid on brain fatty acids and antioxidant profile of the South American pacu *Piaractus mesopotamicus*. *Aquaculture*, 273, 158-164.
- Park, J.W., Bradford, C., Rinchar, J., Liu, F., Wages, M., Waters, A., Kendall, R., Anderson, T. and Theodorakis, C.W., 2007. Uptake, elimination, and relative distribution of perchlorate in various tissues of channel catfish. *Environmental Science and Technology*, 41, 7581-7586.
- Rinchar, J., Czesny, S. and Dabrowski, K., 2007. Influence of lipid class and fatty acid deficiency on survival, growth, and fatty acid composition in rainbow trout juveniles. *Aquaculture*, 264, 363-371.
- Rinchar, J., Dabrowski, K. and Garcia-Abiado, M.A., 2006. High efficiency of meiotic gynogenesis in sea lamprey *Petromyzon marinus*. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, 306B, 521-527.
- Falahatkar, B., Dabrowski, K., Arslan, M. and Rinchar, J., 2006. Effects of ascorbic acid enrichment by immersion of rainbow trout (*Onchorhynchus mykiss*) eggs and embryos. *Aquaculture Research*, 37, 834-841.
- Bradford, C.M., Park, J.W., Rinchar, J., Anderson, T.A., Liu, F. and Theodorakis, C., 2006. Uptake and elimination of perchlorate in eastern mosquitofish. *Chemosphere*, 63, 1591-1597.
- Theodorakis, C.W., Rinchar, J., Park, J.W., McDaniel, L. and Liu, F., 2006. Thyroid endocrine disruption in stonerollers and cricket frogs from perchlorate-contaminated streams in east-central Texas. *Ecotoxicology*, 15, 31-50.
- Park, J.W., Rinchar, J., Liu, F., Anderson, T.A., Kendall, R.J. and Theodorakis, C.W., 2006. The thyroid endocrine disruptor perchlorate affects reproduction, growth, and survival of mosquitofish. *Ecotoxicology and Environmental Safety*, 63, 343-352.
- Lee, K.J., Rinchar, J., Dabrowski, K., Babiak, I., Ottobre, J.S. and Christensen, J.E., 2006. Long-term effects of dietary cottonseed meal on growth and reproductive performance of rainbow trout: three year study. *Animal Feed Science and Technology*, 126, 93-106.
- Theodorakis, C.W., Rinchar, J., Anderson, T.A., Liu, F., Park, J.W., Costa, P., McDaniel, L., Kendall, R. and Waters, A., 2006. Perchlorate in fish from a contaminated site in east-central Texas. *Environmental Pollution*, 139, 59-69.
- Rinchar, J., Dabrowski, K., Van Tassel, J.J. and Stein, R.A., 2005. Optimization of fertilization success in *Sander vitreus* is influenced by the sperm:egg ratio and ova storage. *Journal of Fish Biology*, 67, 1157-1161.
- Bradford, C.M., Rinchar, J., Carr, J.A. and Theodorakis, C., 2005. Perchlorate affects thyroid function in eastern mosquitofish (*Gambusia holbrooki*) at environmentally relevant concentrations. *Environmental Science and Technology*, 39, 5190-5195.
- Park, J.W., Rinchar, J., Anderson, T.A., Liu, F. and Theodorakis, C.W., 2005. Food chain transfer of perchlorate in largemouth bass, *Micropterus salmoides*. *Bulletin of Environmental Contamination and Toxicology*, 74, 56-63.
- Czesny, S., Rinchar, J. and Dabrowski, K., 2005. Intra-population variation of egg lipid/fatty acid composition and embryo viability in a naturally spawning walleye population from an inland reservoir. *North American Journal of Fisheries Management*, 25, 122-129.

- Capps, T., Mukhi, S., Rinchard, J., Theodorakis, C.W., Blazer, V.S. and Patino, R., 2004. Exposure to perchlorate induces the formation of macrophage aggregates in the trunk kidney of zebrafish and mosquitofish. *Journal of Aquatic Animal Health*, 16, 145-151.
- Garcia-Abiado, M.A., Mbahinzireki, G., Rinchard, J., Lee, K.J. and Dabrowski, K., 2004. Effect of diets containing gossypol on blood parameters and spleen structure in *Oreochromis* sp. reared in a recirculated system. *Journal of Fish Diseases*, 27, 359-368.
- Lee, K.J., Dabrowski, K., Rinchard, J., Gomez, C., Guz, L. and Vilchez, C., 2004. Supplementation of maca (*Lepidium meyenii*) tuber meal in diets improves growth rate and survival of rainbow trout *Oncorhynchus mykiss* (Walbaum) alevins and juveniles. *Aquaculture Research*, 35, 215-223.
- Dabrowski, K., Rinchard, J., Ottobre, J.S., Alcantara, F., Padilla, P., Ciereszko, A., De Jesus, M.J. and Kohler, C.C., 2003. Effect of oxygen saturation in water on reproductive performances of pacu *Piaractus brachyomus*. *Journal of World Aquaculture Society*, 34, 441-449.
- Dabrowski, K., Lee, K.J. and Rinchard, J., 2003. The smallest vertebrate, teleost fish, can utilize synthetic dipeptide-based diets. *Journal of Nutrition*, 133, 4225-4229.
- Rinchard, J., Lee, K.J., Czesny, S., Ciereszko, A. and Dabrowski, K., 2003. Effect of feeding cottonseed meal-containing diets to broodstock rainbow trout and their impact on growth of their progenies. *Aquaculture*, 227, 77-87.
- Yufera, M., Kolkovski, S., Fernandez-Diaz, C., Rinchard, J., Lee, K.J. and Dabrowski, K., 2003. Delivering bioactive compounds to fish larvae using microcapsulated diets. *Aquaculture*, 227, 277-291.
- Czesny, S., Rinchard, J., Garcia-Abiado, M.A. and Dabrowski, K., 2003. The effect of fasting, prolonged swimming, and predator presence on energy utilization and stress in juvenile walleye (*Stizostedion vitreum*). *Physiology and Behavior*, 79, 597-603.
- Rinchard, J., Lee, K.J., Dabrowski, K., Ciereszko, A., Blom, J.H. and Ottobre, J.S., 2003. Influence of gossypol from dietary cottonseed meal on haematology, reproductive steroids and tissue gossypol enantiomer concentrations in male rainbow trout (*Oncorhynchus mykiss*). *Aquaculture Nutrition*, 9, 275-282.
- Dabrowski, K., Lee, K.J. and Rinchard, J., 2003. Utilization of cottonseed meal for salmonid feeds. *Aquafeed International*, 6, 16-18.
- Rinchard, J. and Kestemont, P., 2003. Liver changes related to oocyte growth in roach, a in single spawner fish, and in bleak and white bream, two multiple spawner fish. *International Review of Hydrobiology*, 88, 68-76.
- Rinchard, J., Dabrowski, K. and Ottobre, J., 2002. Changes of plasma steroid concentrations associated with spontaneous or induced ovulation in yellow perch *Perca flavescens*. *Fish Physiology and Biochemistry*, 26, 239-248.
- Rinchard, J., Mbahinzireki, G., Dabrowski, K., Lee, K.J., Garcia-Abiado, M.A.R. and Ottobre, J., 2002. Effects of cottonseed meal protein levels on growth, gonad development and plasma sex steroid hormones of tropical fish tilapia *Oreochromis* sp. *Aquaculture International*, 10, 11-28.
- Garcia-Abiado, M.A.R., Lynch W.E.Jr., Dabrowski, K., Czesny, S., Rinchard, J. and Stafford, J., 2002. Juvenile growth and survival of heat-shocked hybrid triploid saugeyes, *Stizostedion vitreum* x *S. canadense*. *Fisheries Management and Ecology*, 9, 105-110.
- Rinchard, J., Garcia-Abiado, M.A., Dabrowski, K., Ottobre, J. and Schmidt, D., 2002. Induction of gynogenesis, rearing and gonad development in muskellunge *Esox masquinongy*. *Journal of Fish Biology*, 60, 427-441.

- Garcia-Abiado, M.A.R., Rinchard, J. and Dabrowski, K., 2001. Meiotic gynogenesis induction in muskellunge *Esox masquinongy* by thermal and pressure shocks. *Journal of World Aquaculture Society*, 32, 195-201.
- Blom, J.H., Lee, K.J., Rinchard, J., Dabrowski, K. and Ottobre, J., 2001. Reproductive efficiency and maternal-progenies transfer of gossypol in rainbow trout (*Oncorhynchus mykiss*) fed diets containing cottonseed meal. *Journal of Animal Science*, 79, 1533-1539.
- Rinchard, J., Dabrowski, K. and Ottobre, J., 2001. Plasma sex steroids in lake whitefish *Coregonus clupeaformis* during spawning in Lake Erie. *Comparative Biochemistry and Physiology C*, 129, 65-74.
- Kestemont, P., Rinchard, J. and Damoiseau, F., 2001. Variations in egg and larval quality in two multiple spawner cyprinid fish, the bleak *Alburnus alburnus* and the white bream *Blicca bjoerkna*. *Archiv für Hydrobiologie Supplement*, 135, 357-371.
- Dabrowski, K., Lee, K.J., Rinchard, J., Ciereszko, A., Blom, J.H. and Ottobre, J., 2001. Gossypol isomers bind specifically to blood plasma proteins and spermatozoa of fish fed cottonseed meal-containing diets. *Biochemica et Biophysica Acta - General subjects*, 1525, 37-42.
- Sulistyo, I., Fontaine, P., Rinchard, J., Gardeur, J.N., Migaud, H., Capdeville, B. and Kestemont, P., 2000. Reproductive cycle and plasma sex steroid profiles in male Eurasian perch *Perca fluviatilis*. *Aquatic Living Resources*, 13, 99-106.
- Dabrowski, K., Rinchard, J., Lin, F., Garcia-Abiado, M.A. and Schmidt, D., 2000. Induction of gynogenesis in muskellunge with irradiated sperm of yellow perch proves diploid muskellunge male homogamety. *Journal of Experimental Zoology*, 287, 96-105.
- Dabrowski, K., Rinchard, J., Lee, K.J., Blom, J.H., Ciereszko, A., and Ottobre, J., 2000. Effects of diets containing gossypol on reproductive capacity of rainbow trout (*Oncorhynchus mykiss*). *Biology of Reproduction*, 62, 227-234.
- Rinchard, J., Ciereszko, A., Dabrowski, K. and Ottobre, J., 2000. Effects of gossypol on sperm viability and plasma sex steroid hormones in male sea lamprey, *Petromyzon marinus*. *Toxicology Letters*, 111, 189-198.
- Rinchard, J., Dabrowski, K., Garcia-Abiado, M.A.R. and Ottobre, J., 1999. Uptake and depletion of 17 α -methyltestosterone during induction of masculinization in muskellunge, *Esox masquinongy*: effect on plasma steroids and sex reversal. *Steroids*, 64, 518-525.
- Kestemont, P., Rinchard, J., Feys, V. and Fostier, A., 1999. Spawning migrations, sexual maturity and sex steroid levels in female roach *Rutilus rutilus* from the river Meuse. *Aquatic Sciences*, 61, 111-121.
- Beelen, R., Rinchard, J., Kestemont, P., Micha, J.C. and Mendes Guimaraes P., 1998/1999. Etude comparative de la stratégie de reproduction du gardon (*Rutilus rutilus* L.) et du goujon (*Gobio gobio* L.) sous des conditions thermiques contrôlées: relation entre la température et l'ovogenèse. *Boletim do Instituto de Pesca, São Paulo*, 25, 31-43.
- Sulistyo, I., Rinchard, J., Fontaine, P., Gardeur, J.N., Capdeville, B. and Kestemont, P., 1998. Reproductive cycle and plasma levels of sex steroids in female Eurasian perch *Perca fluviatilis*. *Aquatic Living Resources*, 11, 101-110.
- Rinchard, J., Poncin P. and Kestemont, P., 1998. Croissance ovocytaire et régulation stéroïdienne chez les poissons à pontes unique et multiples. *Annales de Limnologie*, 34, 211-225.
- Rinchard, J., Kestemont, P. and Heine, R., 1997. Comparative study of reproductive biology in single- and multiple-spawner cyprinid fish. II. Sex steroid and plasma protein phosphorus concentrations. *Journal of Fish Biology*, 50, 169-180.

- Poncin, P., Jeandarme, J., Rinchar, J. and Kestemont, P., 1997. Le comportement de reproduction du goujon, *Gobio gobio*, en aquarium: premiers résultats. *Bulletin Français de Pêche et de Pisciculture*, 346, 547-555.
- Rinchar, J. and Kestemont, P., 1996. Comparative study of reproductive biology in single- and multiple-spawner cyprinid fish. I. Morphological and histological features. *Journal of Fish Biology*, 49, 883-894.
- Rinchar, J., 1996. Etude comparative de la reproduction chez les poissons à pontes unique et multiples. Ph.D. Thesis. Presses Universitaires de Namur, Namur, 389p. (ISBN#2870372302).
- Rinchar, J., Kestemont, P., Kühn, E.R. and Fostier, A., 1993. Seasonal changes in plasma levels of steroid hormones in an asynchronous fish the gudgeon *Gobio gobio* L. (Teleostei, Cyprinidae). *General and Comparative Endocrinology*, 92, 168-178.

Proceedings and abstracts (*speaker)

- Tillitt*, D.E., Riley, S.C., Evans, A.N., Nichols, S.J., Zajicek, J.L., Rinchar, J., Richer, C.R., Honeyfield, D.C., Fitzsimons, J.D. and Krueger, C.C., 2008 (oral presentation). A review of the occurrence and consequences of thiaminase in the Great Lakes ecosystem. Abstract in *IAGLR 51st Annual Conference on Great Lakes Research*, Peterborough (Ontario, Canada), 19-23 May, 2008.
- Riley*, S., Rinchar, J., Begnoche, L. and Honeyfield, D. 2007 (oral presentation). Thiamine status of lake trout eggs in Lake Michigan and Lake Huron. Lake Michigan Committee Meeting, Niagara Falls (Canada), 20 March, 2008.
- Dabrowski*, K., Rinchar, J., Ware, K., Van Tassell, J.J., Marschall, E.A. and Stein, R.A., 2008 (oral presentation). Do fatty acids of larval walleye tell the life story better than eggs? *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 21-22 February, 2008.
- Van Tassell*, J.J., Marschall, E.A., Stein, R.A., Rinchar, J. and Dabrowski, K., 2008 (oral presentation). Does maternal quality predict characteristics of early life stages of walleye? *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 21-22 February, 2008
- Dabrowski*, K., Lee, B.J., Jaroszevska, M., Czesny, S. and Rinchar, J., 2007 (oral presentation). Effects of vitamin B₁ (thiamine) deficiency in lake trout (*Salvelinus namaycush*) and preventive treatments. Abstract in *European Aquaculture Society – Aquaculture Europe 2007*, Istanbul (Turkey), 24-27 October, 2007.
- Czesny*, S., Rinchar, J., Dabrowski, K. and Dettmers, J., 2007 (oral presentation). Round goby – an antidote for early mortality syndrome in Lake Michigan lake trout. Abstract in *American Fisheries Society 137th Annual Meeting*, San Francisco (California, USA), 2-6 September, 2007.
- Rinchar*, J., Riley, S., Begnoche, L., Honeyfield, D. and Czesny, S., 2007 (oral presentation). Thiamine status of lake trout eggs in Lake Michigan. Lake Michigan Technical Committee Meeting, Marinette (Wisconsin, USA), 26-27 July, 2007.
- Narula*, M., Rinchar, J., Czesny, S. and Begnoche, L., 2007 (poster presentation). Lipid and fatty acid concentrations in alewife and deepwater sculpin from Lake Michigan. Undergraduate Research Opportunity Program 2007 Spring Research Symposium, Ann Arbor (Michigan, USA). 11 April, 2007. Gold Ribbon.
- Burbank*, C., Rinchar, J., Czesny, S. and Begnoche, L., 2007 (poster presentation). Lipid and fatty acid concentrations in yellow perch *Perca flavescens*. Undergraduate Research Opportunity Program 2007 Spring Research Symposium, Ann Arbor (Michigan, USA). 11 April, 2007.

- Rinchar* J., Riley, S., Begnoche, L. and Honeyfield, D. 2007 (oral presentation). Thiamine status of lake trout eggs in Lake Michigan and Lake Huron. Lake Michigan Committee Meeting, Ypsilanti (Michigan, USA), 20 March, 2007.
- Czesny*, S., Rinchar* J., Dettmers, J.M. and Dabrowski, K., 2006 (oral presentation). Pelagic and benthic food web shifts affect availability of PUFA to lake trout; implications for early stages survival. Reintroduction of native fishes research coordination workshop, Ypsilanti (Michigan, USA), 15-16 November, 2006.
- Rinchar* J., Czesny, S., Dettmers, J.M. and Dabrowski, K., 2006 (oral presentation). Comparison of lipid and fatty acid composition of yellow perch eggs from Lake Erie and Lake Michigan. Abstract in *American Fisheries Society 136th Annual Meeting*, Lake Placid (New York, USA), 10-14 September, 2006, #414.
- Van Tassell*, J.J., Rinchar* J., Dabrowski, K., Marschall, E.A. and Stein, R.A., 2006 (oral presentation). Do egg and larval characteristics vary with female phenotypes and spawning groups in Lake Erie walleye. Abstract in *American Fisheries Society 136th Annual Meeting*, Lake Placid (New York, USA), 10-14 September, 2006, #497.
- Czesny*, S., Rinchar* J., Dettmers, J.M. and Dabrowski, K., 2006 (oral presentation). Polyunsaturated fatty acids in the Lake Michigan food web and their effect on yellow perch reproductive success. Abstract in *American Fisheries Society 136th Annual Meeting*, Lake Placid (New York, USA), 10-14 September, 2006, #847.
- Niggenmyer, A.M., Riley*, S.C., Nichols, S.J., Rinchar* J. and Krueger, C.C., 2006 (oral presentation). Predicting the occurrence of thiaminase in Great Lakes fishes using ecological information. Abstract in 5th International Symposium on Aquatic Animal Health, San Francisco (California, USA), 2-6 September, 2006.
- Arslan*, M., Rinchar* J., Portella, M.C. and Dabrowski, K., 2006 (oral presentation). South American catfish *Pseudoplatystoma* sp. rearing on diets with different fatty acid profiles. Abstract in *Aqua 2006*, Florencia (Italy), May 9-13, 2006, p. 249.
- Dabrowski*, K., Rinchar* J. and Rodriguez-Montes, G., 2006 (oral presentation). Induced spawning, larval rearing, weaning to formulated diets, and masculinization with 17 α -methyltestosterone of longnose garfish *Lepisosteus osseus*. Abstract in *Aqua 2006*, Florencia (Italy), May 9-13, 2006, p. 600.
- Rinchar* J. and Dabrowski*, K., 2006 (oral presentation). Evaluation of growth and reproduction of South American catfish *Pseudoplatystoma* sp. in captivity. Abstract in *Aqua 2006*, Florencia (Italy), May 9-13, 2006, p. 13.
- Frederiksson*, S., Pickova, J., Park, K.H., Rinchar* J. and Dabrowski, K., 2006 (oral presentation). Effect of lipoic/ascorbic acid in nutrition of South American pacu *Piaractus mesopotamicus* muscle lipids and fatty acid profiles. Abstract in *Aqua 2006*, Florencia (Italy), May 9-13, 2006, p. 699.
- Dabrowski*, K., Rinchar* J., Van Tassell, J.J., Marschall, E.A. and Stein, R.A., 2006 (oral presentation). Lipids and fatty acid in gametes of Lake Erie walleye. *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 24-25 January, 2006.
- Van Tassell*, J.J., Stein, R.A., Marschall, E.A., Rinchar* J., Dabrowski, K. and Arslan, M., 2006 (oral presentation). Influence of parental phenotypes on characteristics of early life history stages of walleye *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 24-25 January, 2006.
- Theodorakis*, C.W., Rinchar* J. and Dabrowski, K., 2005 (oral presentation). Thyroid endocrine disruption in stonerollers from perchlorate-contaminated streams in east-central Texas. Abstract in *SETAC 2005 North America 26th Annual Meeting*, Baltimore (Maryland, USA), 13-17 November, 2005, #THE-111-572188.
- Rinchar* J., Dabrowski, K., Van Tassell, J.J., Ciereszko, A., Marschall, E.A. and Stein, R.A., 2005 (oral presentation). Inter-individual variability in Lake Erie walleye sperm quality. Abstract in *American Fisheries Society 135th Annual Meeting*, Anchorage (Alaska, USA), 11-15 September, 2005, p. 1375.

- Czesny*, S., Rinchar, J., Dettmers, J.M. and Dabrowski, K., 2005 (oral presentation). Essential fatty acids in dynamic food webs - yellow perch females are what they eat and their offspring pay for it. Abstract in *American Fisheries Society 135th Annual Meeting*, Anchorage (Alaska, USA), 11-15 September, 2005, p. 1371.
- Ware*, K., Rinchar, J., Dabrowski, k., Van Tassell, J.J., Marschall, E.A. and Stein, R.A., 2005 (poster presentation). Gamete viability and vitamin B₁ in eggs of Lake Erie walleye. Abstract in *American Fisheries Society 135th Annual Meeting*, Anchorage (Alaska, USA), 11-15 September, 2005, p. 407.
- Falahatkar, B., Arslan*, M., Rinchar, J. and Dabrowski, K., 2005 (poster presentation). Effect of ascorbic acid enrichment by immersion of rainbow trout *Oncorhynchus mykiss* eggs and embryos. Abstract in *Larvi'05-Fish & Shellfish Larviculture Symposium*, Gent (Belgium), 3-6 September, 2005 (Hendry, C.I., Van Stappen, G., Wille, M. & Sorgeloos, P. eds), pp. 144-146.
- Dabrowski*, K., Ciereszko, A., Rinchar, J., 2005 (oral presentation). Effects of chemical and environmental sterilants on sea lamprey sperm fertilizing ability. Abstract in *15th International Congress of Comparative Endocrinology Satellite workshop: Reproductive Endocrine System in Agnathans and Protochordates*, Boston (Massachusetts, USA), 22-27 May, 2005, p. 140.
- Van Tassell*, J.J., Marschall, E.A., Dabrowski, K., Rinchar, J. and Stein, R.A., 2005 (oral presentation). Influence of parental phenotypes on characteristics of early life history stages of walleye. *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 27-28 January, 2005.
- Rinchar, J., Dabrowski*, K., Van Tassell, J.J., Marschall, E.A. and Stein, R.A., 2005 (oral presentation). Fatty acid composition of walleye eggs from different Lake Erie spawning stocks. *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 27-28 January, 2005.
- Dabrowski*, K and Rinchar, J., 2005 (oral presentation). Utilization of cottonseed meal in rainbow trout diets. Abstract in *Aquaculture America 2005*, New Orleans (Louisiana, USA), 17-20 January 2005, p. 87.
- Dabrowski*, K., Rinchar, J. and Palacios, M.E., 2005 (oral presentation). Growth and progress towards maturation of South American catfish (*Pseudplatystoma* sp.) in captivity. Abstract in *Aquaculture America 2005*, New Orleans (Louisiana, USA), 17-20 January 2005, p. 88.
- Rinchar*, J., Dabrowski, K., Czesny, S. and Dettmers, J., 2005 (oral presentation). Impacts of dietary lipids on yellow perch *Perca flavescens* gametes fatty acid composition and viability of progenies. Abstract in *Aquaculture America 2005*, New Orleans (Louisiana, USA), 17-20 January 2005, p. 371.
- Rinchar*, J. and Dabrowski, K., 2005 (oral presentation). Utilization of cottonseed meal in tilapia diets: advantages and limitations. Abstract in *Aquaculture America 2005*, New Orleans (Louisiana, USA), 17-20 January 2005, p. 370.
- Czesny*, S., Rinchar, J., Dabrowski, K, Lee K.J. and Dabrowski, K., 2004 (oral presentation). Variation in lake trout early mortality syndrome in Southwest Lake Michigan. Abstract in *Early Mortality Syndrome Workshop*, Ann Arbor (Michigan, USA), September 8-9, 2004.
- Rinchar*, J., Park, J.W., Anderson, T. and Theodorakis, C., 2004 (oral presentation). Uptake and elimination of perchlorate, a thyroid endocrine disruptor, in mosquitofish and channel catfish. Abstract in *American Fisheries Society 134th Annual Meeting*, Madison (Wisconsin, USA), 22-26 August 2004, p. 237.
- Czesny*, S., Rinchar, J., Dettmers, J. and Dabrowski, K., 2004 (oral presentation). Maternal characteristics and polyunsaturated fatty acid in yellow perch eggs determine survival and growth of offspring. Abstract in *American Fisheries Society 134th Annual Meeting*, Madison (Wisconsin, USA), 22-26 August 2004, p. 202.

- Rinchar*^{*}, J., Dabrowski, K., Van Tassell, J.J., Marschall, E.A. and Stein, R.A., 2004 (oral presentation). Evaluation of walleye egg quality from different Lake Erie spawning stocks. Proceedings in *International Congress on the Biology of Fish, Physiology of Fish Eggs and Larvae Symposium*, Manaus (Brazil), August 1-5, 2004, pp. 25-29.
- Czesny*^{*}, S., Rinchar*^{*}, J., Dabrowski, K., Lee K.J. and Dabrowski, K., 2004 (oral presentation). Frequency of early mortality syndrome in Lake Michigan lake trout. Proceedings in *International Congress on the Biology of Fish, Physiology of Fish Eggs and Larvae Symposium*, Manaus (Brazil), August 1-5, 2004, pp. 79-82.
- Dabrowski*^{*}, K., Palacios, M.E., Lee, K.J., Rinchar*^{*}, J., Stochmal, A. and Oleszek, W., 2004 (oral presentation). The effects of fractionated extracts from soybean on growth and body composition of rainbow trout juveniles. Abstract in *Aquaculture 2004*, Honolulu (Hawaii, USA), March 1-5, 2004, p. 141.
- Van Tassell*^{*}, J.J., Marschall, E.A., Dabrowski, K., Rinchar*^{*}, J., and Stein, R.A., 2004 (oral presentation). Does adult size influence embryo survival of Lake Erie walleye? *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 26-27 February, 2004.
- Dabrowski*^{*}, K., Rinchar*^{*}, J., Van Tassell, J.J., Marschall, E.A., and Stein, R.A., 2004 (oral presentation). Lipids and fatty acids as indicators of egg viability in walleye. *Lake Erie – Inland Waters, Annual Research Review*, Columbus (Ohio, USA), 26-27 February, 2004.
- Garcia-Abiado*^{*}, M.A.R., Dabrowski, D., Lynch, W.E.Jr., Rinchar*^{*}, J., Penn, M., Hartman, T. and Czesny, S., 2004 (poster presentation). All-female and triploid production of saugeye – Highlights of a six-year, Ohio Division of Wildlife project. Abstract in *44th Ohio Fish and Wildlife Conference*, Columbus (Ohio, USA), 6 February 2004, pp. 20-21.
- Dabrowski*^{*}, K., Rinchar*^{*}, J. and Becheret, R., 2003 (oral presentation). Evaluation of commercial and experimental diets for yellow perch juveniles. Abstract in *Percis III, The third International Percid Fish Symposium*, Madison (Wisconsin, USA), 20-24 July 2003, p. 14.
- Rinchar*^{*}, J., Dabrowski, K., Czesny, S. and Ottobre, J., 2003 (poster presentation). Sex steroids in plasma yellow perch during spawning in Lake Erie. Abstract in *Percis III, The third International Percid Fish Symposium*, Madison (Wisconsin, USA), 20-24 July 2003, p. 68.
- Rinchar*^{*}, J., 2002 (oral presentation). Effects of perchlorate on fish. Abstract in *2002 Perchlorate Conference*, Ontario (California, USA), 16-18 October 2002, p. 24.
- Rinchar*^{*}, J., Czesny, S. and Dabrowski, K., 2002 (poster presentation). Intra-population variation in egg quality and embryo viability in a naturally spawning walleye population. Abstract in *26th Annual Larval Fish Conference*, Bergen (Norway), 22-26 July 2002, p. 93.
- Park*^{*}, J.W., Rinchar*^{*}, J., Anderson, T.A. and Theodorakis, C.W., 2002 (poster presentation). Elimination of perchlorate, a thyroid endocrine disruptor in channel catfish, *Ictalurus punctatus*. Abstract in *SETAC 2002 South Central Regional Meeting*, Lubbock (Texas, USA), 6-8 June 2002.
- Bradford*^{*}, C.M., Anderson, T.A., Carr, J.A., Patino, R., Rinchar*^{*}, J. and Theodorakis, C.W., 2002 (oral presentation). Perchlorate uptake and effects on thyroid function in fish. Abstract in *SETAC 2002 South Central Regional Meeting*, Lubbock (Texas, USA), 6-8 June 2002.
- Dabrowski*^{*}, K., Rinchar*^{*}, J. and Garcia-Abiado, M.A., 2002 (oral presentation). The growth, gonad development and fertility in hybrid tiger muskie (*Esox masquinongy* x *E. Lucius*). Abstract in *The 6th Annual Ohio Limnology Conference and 16th Annual Ohio Lake Management Society Symposium*, Perrysville (Ohio, USA), 2 February 2002.

- Rinchar, J., Czesny, S. and Dabrowski*, K., 2002 (oral presentation). Effect of dietary fatty acids on growth and fatty acid compositions of rainbow trout alevins. Abstract in *Aquaculture America 2002*, San Diego (California, USA), 27-30 January 2002, p. 282.
- Lee*, K.J., Rinchar, J., Dabrowski, K., Blom, J.H., Ciereszko, A. and Ottobre, J.S., 2002 (oral presentation). Long-term effects of dietary cottonseed meal on growth and reproductive performance of rainbow trout broodstock. Abstract in *Aquaculture America 2002*, San Diego (California, USA), 27-30 January 2002, p. 180.
- Garcia-Abiado, M.A., Dabrowski*, K. and Rinchar, J., 2002 (oral presentation). Viability and sex ratios of progenies between sex-reversed, gynogenetic sauger males and walleye females. Abstract in *Aquaculture America 2002*, San Diego (California, USA), 27-30 January 2002, p. 1.
- Garcia-Abiado, M.A., Dabrowski*, K. and Rinchar, J., 2002 (oral presentation). Meiotic gynogenesis induction in yellow perch *Perca flavescens*. Abstract in *Aquaculture America 2002*, San Diego (California, USA), 27-30 January 2002, p. 118.
- Rinchar, J., Lee, K.J., Czesny, S., Ciereszko, A. and Dabrowski*, K., 2001 (oral presentation). Effect of feeding cottonseed meal-containing diets to broodstock rainbow trout and impact on growth of their progenies. Abstract in *Larvi'01-Fish & Shellfish Larviculture Symposium*, Gent (Belgium), 3-6 September 2001 (Hendry, C.I., Van Stappen, G., Wille, M. & Sorgeloos, P. eds), pp. 496-499.
- Yufera*, M., Kolkovski, S., Fernandez-Diaz, C., Rinchar, J. and Dabrowski, K., 2001 (oral presentation). Delivering bioactive compounds to fish larvae using microcapsulated diets. Abstract in *Larvi'01-Fish & Shellfish Larviculture Symposium*, Gent (Belgium), 3-6 September 2001 (Hendry, C.I., Van Stappen, G., Wille, M. & Sorgeloos, P. eds), p. 640.
- Czesny*, S., Rinchar, J. and Dabrowski, K., 2001 (poster presentation). Experience with live food and physical challenge as factors affecting foraging behavior of YOY tiger muskellunge. Abstract in *American Fisheries Society 131th Annual Meeting*, Phoenix (Arizona, USA), 19-23 August 2001, p. 203.
- Rinchar*, J., Czesny, S. and Dabrowski, K., 2001 (poster presentation). Experience with live food and physical challenge as factors affecting growth rates and nutrient budgets of YOY tiger muskellunge. Abstract in *American Fisheries Society 131th Annual Meeting*, Phoenix (Arizona, USA), 19-23 August 2001, p. 223.
- Rinchar, J., Garcia-Abiado, M.A.R., Hartman*, T.J. and Dabrowski, K., 2001 (oral presentation). Production of trophy size muskellunge. 2001 Mid-Continent Fish Culture Workshop, Kansas City (Missouri, USA), February 5-7, 2001.
- Hartman*, T.J., Garcia-Abiado, M.A.R., Rinchar, J. and Dabrowski, K., 2001 (oral presentation). Strategies for producing all female triploid saugeye. 2001 Mid-Continent Fish Culture Workshop, Kansas City (Missouri, USA), February 5-7, 2001.
- Rinchar*, J. and Dabrowski, K., 2001 (oral presentation). The first record of gonad development in hybrid tiger muskellunge *Esox masquinongy* x *E. lucius*. Abstract in *Aquaculture 2001*, Lake Buena Vista (Florida, USA), January 21-25, 2001, p. 554.
- Lee*, K.-J., Dabrowski, K., Rinchar, J., Gomez, C. and Vilchez, C., 2001 (oral presentation). The effects of maca meal on growth and sex differentiation of juvenile rainbow trout *Oncorhynchus mykiss*. Abstract in *Aquaculture 2001*, Lake Buena Vista (Florida, USA), January 21-25, 2001, p. 361.
- Dabrowski*, K., Rinchar, J., Garcia-Abiado, M.A.R. and Czesny, S., 2001 (oral presentation). The first successful weaning of yellow perch *Perca flavescens* larvae in captivity. Abstract in *Aquaculture 2001*, Lake Buena Vista (Florida, USA), January 21-25, 2001, p. 156.

- Dabrowski*, K., Lee, K.-J. and Rinchar, J., 2001 (oral presentation). Cottonseed meal in salmonid diets. How toxic or tasty is it? Abstract in *Aquaculture 2001*, Lake Buena Vista (Florida, USA), January 21-25, 2001, p. 155.
- Rinchar, J., Dabrowski, K., Garcia-Abiado, M.A.R. and Czesny, S., 2000 (oral presentation). Induction of triploidy in tiger muskellunge and grow out on dry and live food. Abstract in *American Fisheries Society 130th Annual Meeting*, St. Louis (Missouri, USA), 20-24 August 2000, p. 58.
- Dabrowski, K., Rinchar, J., Ciereszko, A., Lee, K.-J. and Czesny, S., 2000 (oral presentation). Effects of gossypol containing diets on the viability of male and female gametes in rainbow trout (*Oncorhynchus mykiss*). Abstract in *American Fisheries Society 130th Annual Meeting*, St. Louis (Missouri, USA), 20-24 August 2000, p. 171.
- Czesny*, S., Rinchar, J. and Dabrowski, K., 2000 (poster presentation). First evidence of failure to inflate swimbladder in yellow perch *Perca flavescens* larvae. Abstract in *American Fisheries Society 130th Annual Meeting*, St. Louis (Missouri, USA), 20-24 August 2000, p. 219.
- Rinchar, J., Dabrowski, K. and Ottobre, J., 2000 (poster presentation). Changes of plasma sex steroids during final maturation in yellow perch *Perca flavescens*. Abstract in *Fortieth Ohio Fish and Wildlife Conference*, Columbus (Ohio, USA), 18 February 2000, p. 14.
- Dabrowski*, K., Rinchar, J., Garcia-Abiado, M.A. and Schmidt, D., 2000 (poster presentation). Production of monosex female muskellunge by identification of ZZ, WZ gender inheritance system. Abstract in *Fortieth Ohio Fish and Wildlife Conference*, Columbus (Ohio, USA), 18 February 2000, p. 12. Best Fisheries Poster.
- Blom, J.H., Dabrowski*, K., Lee, K.-J. and Rinchar, J., 2000 (oral presentation). Replacing fish meal with cottonseed meal in rainbow trout broodstock diets: effects on female growth and reproduction. Abstract in *Aquaculture America 2000*, New Orleans (Louisiana, USA), 2-5 February 2000, p. 76.
- Rinchar, J., Mbahinzireki, G., Dabrowski, K., Lee, K.-J., Garcia-Abiado, M.A.R. and Ottobre, J.S., 2000 (oral presentation). Effect of partial or total substitution of fish meal with cottonseed meal in diets on reproductive parameters of tilapia *Oreochromis* sp. Abstract in *Aquaculture America 2000*, New Orleans (Louisiana, USA), 2-5 February 2000, p. 282.
- Dabrowski, K., Rinchar, J., Alcantara, F., Padilla, P., Ciereszko, A. and De Jesus*, M.J., 1999 (oral presentation). Preliminary assessment of gamete quality of *Piaractus brachipomus* cultured in ponds in Iquitos, Peru. In *Taller Sobre Desarrollo de la Piscicultura en la Amazonia*, Iquitos (Peru), 2-3 December 1999.
- Poncin*, P., Binda, O., Termol., C., Chenuil, A., Rinchar, J., Kestemont, P., Berrebi, P. and Ruwet, J.C., 1999 (oral presentation). Spawning tactics and reproductive success in two European cyprinids, the barbell (*Barbus meridionalis*) and the bream (*Abramis brama*): an overview. In *Proceedings of the 6th International Symposium on the Reproductive Physiology of Fish*, Bergen (Norway), 4-9 July 1999 (Norberg, B., Kjesbu, O.S., Taranger, G.L., Andersson, E. & Stefansson, S.O. eds), pp. 132-134.
- Dabrowski*, K., Blom, J.H., Lee, K.-J., Ciereszko, A., Rinchar, J. and Stromberg, P., 1999 (oral presentation). Effects of dietary fish meal replacement with cottonseed meal on growth, liver morphology and male reproductive capacity of rainbow trout. Abstract in *Aquaculture America '99*, Tampa (Florida, USA), 27-30 January 1999, p. 27.
- Dabrowski*, K., Garcia-Abiado, M.A., Rinchar, J. and Luczynski, M., 1999 (oral presentation). Production of gynogenetic and androgenetic esocids and sex reversal. Are there species differences in female homogamety/heterogamety? Abstract in *Aquaculture America '99*, Tampa (Florida, USA), 27-30 January 1999, p. 28.
- Garcia-Abiado*, M.A.R., Dabrowski, K., Lynch, W.E. Jr., Czesny, S., Rinchar, J. and Stafford, J., 1998 (oral presentation). Effects of triploidy on growth, survival, and reproductive development of juvenile saugeye

(*Stizostedion vitreum* x *S. canadensis*). Abstract in 60th Midwest Fish and Wildlife Conference, Cincinnati, (Ohio, USA), December 6-9, 1998, p. 116.

Rincharde*, J., Ciereszko, A., Dabrowski, K. and Ottobre, J., 1998 (oral presentation). Effects of gossypol on plasma sex steroid hormones in male sea lamprey, *Petromyzon marinus* L. Proceedings in *International Congress on the Biology of Fish, Molecular Studies in Fish Endocrinology Symposium*, Towson University, Baltimore (Maryland, USA), July 26-30, 1998, p. 105-108.

Czesny*, S., Rincharde, J., Garcia-Abiado, M.A., Kolkovski, S. and Dabrowski, K., 1998 (oral presentation). The effect of prolonged swimming, fasting, and predator presence on energy utilization and chronic stress in juvenile walleye (*Stizostedion vitreum*). Proceedings in *International Congress on the Biology of Fish, Stress in Fish Symposium*, Towson University, Baltimore (Maryland, USA), July 26-30, 1998, p. 37-41.

Rincharde, J., Dabrowski, K., Garcia-Abiado, M.A. and Ottobre, J., 1998 (poster presentation). Uptake and depletion of 17 α -methyltestosterone during induction of masculinization in muskellunge, *Esox masquinongy*: effect on plasma steroids and sex reversal. Abstract in *VIII International Symposium on Nutrition and Feeding of Fish, Recent Advances in Finfish and Crustacean Nutrition*, Las Palmas de Gran Canaria (Spain), June 1-4, 1998, p. 203.

Kestemont, P., Rincharde, J., Damoiseau, F. and Tans*, M., 1998 (oral presentation). Variations in egg and larval quality in two multiple spawner cyprinid fish, the bleak *Alburnus alburnus* and the white bream *Blicca bjoerkna*. Abstract in *International workshop 0+ fish as indicators of the ecological status of rivers*, University of Vienna (Austria), February 16-20, 1998.

Rincharde*, J., Dabrowski, K. and Ottobre, J., 1998 (poster presentation). Plasma sex steroids in lake whitefish, *Coregonus clupeaformis*. Abstract in *Aquaculture 1998*, Las Vegas (Nevada, USA), February 15-19, 1998, p. 441.

Dabrowski*, K., Rincharde, J., Ciereszko, R., Ciereszko, A. and Ottobre, J., 1997 (oral presentation). Observations on maturity and spermiation of the Amazonian fish *Colossoma* sp. in North American. Abstract in *Biology of Tropical Fishes*, Manaus (Brazil), October 6-8, 1997, p. 127.

Rincharde*, J. and Kestemont, P., 1996 (oral presentation). Reproductive strategy and oocyte growth in teleosts. Abstract in *Third Benelux Congress of Zoology, Adaptation, from molecules to communities*, Namur (Belgium), November 8-9, 1996, p. 14.

Termol*, C., Poncin, P., Rincharde, J., Kestemont, P. and Ruwet J.C., 1996 (poster presentation). Spawning behavior and mating systems of a single spawner, *Abramis brama*, and a multiple spawner, *Blicca bjoerkna*, in aquarium. Abstract in *Third Benelux Congress of Zoology, Adaptation, from molecules to communities*, Namur (Belgium), November 8-9, 1996.

Kestemont*, P., Rincharde, J. and Heine, R., 1995 (oral presentation). A comparative study of the vitellogenesis dynamic and reproductive ecology in single and multispawner cyprinids. In *Proceedings of the Fifth International Symposium on the Reproductive Physiology of Fish*, Austin (Texas, USA), 2-8 July 1995 (Goetz, F. W. & Thomas, P. eds), pp. 215-217.

Rincharde*, J., Kestemont, P., Heine, R. and Micha J.C., 1995 (poster presentation). A multidisciplinary approach to the study of the reproductive ecology of single and multiple spawning cyprinids. In *Proceedings of the Fifth International Symposium on the Reproductive Physiology of Fish*, Austin (Texas, USA), 2-8 July 1995 (Goetz, F. W. & Thomas, P. eds), p. 241.

Awards

2008: Scholarly Incentive Award from The College at Brockport, State University of New York (\$1,000)

2007: Gold Ribbon Poster from the Undergraduate Research Opportunity Program at the University of Michigan (see Narula *et al.*, 2007 in Proceedings and Abstracts section)

- 2007: Supplementary Research Funding from the Undergraduate Research Opportunity Program at the University of Michigan (\$450)
- 2006: Supplementary Research Funding from the Undergraduate Research Opportunity Program at the University of Michigan (\$300)
- 2005: Ohio Agricultural Research and Development Center (OARDC) Professional Growth Scholarship to present an oral communication at the *American Fisheries Society 135th Annual Meeting* (see in Proceedings and Abstracts section)
- 2004: Ohio Agricultural Research and Development Center (OARDC) Professional Growth Scholarship to present two oral communications at Aquaculture America 2005 (see in Proceedings and Abstracts section)
- 2000: Best Fisheries Poster from the Annual Ohio Fish and Wildlife Conference (see Dabrowski *et al.*, 2000 in Proceedings and Abstracts section)
- 1999: Travel Grant from The Fisheries Society of the British Isles (FSBI)
- 1997: Travel Grant from The Fisheries Society of the British Isles (FSBI)

Professional Service:

Associate Editor:

North American Journal of Fisheries Management (2007-present)

Reviewer: Journals

Aquatic Sciences
 Journal of Fish Biology
 Aquaculture International
 Physiology and Behavior
 New Zealand Journal of Marine and Freshwater Research
 Theriogenology
 North American Journal of Aquaculture
 Animal Reproduction Science
 Advances in Limnology
 Neotropical Ichthyology
 Zoological Studies
 North American Journal of Fisheries Management
 Environmental Biology of Fishes
 British Journal of Nutrition
 Transactions of the American Fisheries Society
 Journal of Great Lakes Research
 Fish Physiology and Biochemistry

Reviewer: Institutions

Ohio Agricultural Research and Development Center (OARDC) – Research Enhancement Competitive Grants Program – The Ohio State University
 Lake Champlain Sea Grant College Program
 Great Lakes Fishery Commission

Affiliations

Member of The Fisheries Society of the British Isles (FSBI)
 Member of The American Fisheries Society (AFS)
 Member of The World Aquaculture Society (WAS)