

MICHAEL J. HANSEN – VITAE

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EDUCATION:

- Ph.D.** 1994. Fisheries & Wildlife, Michigan State University, East Lansing. Dissertation: Dynamics of the recovery of lake trout (*Salvelinus namaycush*) in U.S. waters of Lake Superior.
- M.S.** 1983. Natural Resources (Fisheries), Cornell University, Ithaca, New York. Thesis: Selective predation and longitudinal distribution of benthic stream fishes in French Creek, New York.
- B.S.** 1979. Water Resources (Fisheries), University of Wisconsin, Stevens Point. Internship: Mechanical harvesting of aquatic vegetation and related removal of invertebrates and fish.
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EXPERIENCE (RETIRED):

- 07/21/2013–01/18/2020.** Supervisor, Hammond Bay Biological Station, Great Lakes Science Center, United States Geological Survey, 11188 Ray Road, Millersburg, Michigan.
- 09/01/2011–07/20/2013.** Supervisor (IPA), Hammond Bay Biological Station, Great Lakes Science Center, United States Geological Survey, 11188 Ray Road, Millersburg, Michigan.
- 08/11/1996–07/31/2013.** Professor of Fisheries, College of Natural Resources, University of Wisconsin, Stevens Point, Wisconsin (Appointed Assistant Professor 08/11/1996; Promoted to Associate Professor 08/23/1998; Tenured 08/27/2000; Promoted to Professor 08/25/2003).
- 10/26/2010–04/21/2016.** Commissioner, U.S. Section, Great Lakes Fishery Commission, Ann Arbor, Michigan (appointed by President Barack Obama).
- 07/22/2004–04/21/2010.** Commissioner, U.S. Section, Great Lakes Fishery Commission, Ann Arbor, Michigan (appointed by President George W. Bush).
- 11/04/1990–08/03/1996.** Chief, Section of Resource Assessment and Fish Community Dynamics, Great Lakes Science Center, National Biological Service (formerly National Fisheries Research Center–Great Lakes, U. S. Fish & Wildlife Service), 1451 Green Road, Ann Arbor, Michigan.
- 05/01/1987–10/27/1990.** Treaty Fishery Specialist, Bureau of Fisheries Management, Wisconsin Department of Natural Resources, 101 South Webster Street, Madison, Wisconsin.
- 07/23/1984–10/27/1990.** Great Lakes Sport Fishery Specialist, Bureau of Fisheries Management, Wisconsin Department of Natural Resources, 101 South Webster Street, Madison, Wisconsin.
- 06/15/1981–07/20/1984.** Associate Scientist, EA Engineering, Science & Technology, 221 Oakcreek Drive, Westgate Park, Lincoln, Nebraska.
- 08/29/1979–05/27/1981.** Teaching and Graduate Research Assistant, Department of Natural Resources, Cornell University, Fernow Hall, Ithaca, New York.
- 06/04/1979–08/24/1979.** Research Associate, Cornell University Biological Field Station, Bridgeport, New York.
- 09/01/1972–06/04/1976.** Sonar Technician Second Class, U.S.S. Towers (DDG-9), United States Navy, San Diego, California.
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PUBLICATIONS:

Journal Articles = 102:

1. Hansen MJ, Wahl DH (1981) Selection of small *Daphnia pulex* by yellow perch fry in Oneida Lake, New York. Transactions of the American Fisheries Society 110(1): 64–71.
2. Hansen MJ, Gloss SP, Peckarsky BL (1986) Predator species richness and prey population variability: effects on diets of benthic stream fishes. American Midland Naturalist 115(1): 63–72.
3. Hansen MJ, Schultz PT, Lasee B (1990) Changes in Wisconsin's Lake Michigan salmonid sport fishery, 1969–1985. North American Journal of Fisheries Management 10(4): 442–457.
4. Hansen MJ, Staggs MD, Hoff MH (1991) Derivation of safety factors for setting harvest quotas on adult walleye from past estimates of abundance. Transactions of the American Fisheries Society 120(5): 620–628.
5. Hansen MJ, Boisclair D, Brandt SB, Hewett SW, Kitchell JF, Lucas MC, Ney JJ (1993) Applications of bioenergetics models to fish ecology and management: where do we go from here? Transactions of the American Fisheries Society 122(5): 1019–1030.
6. Hansen MJ, Ebener MP, Schorfhaar RG, Schram ST, Schreiner DR, Selgeby JH (1994) Declining survival of lake trout stocked during 1963–1986 in U.S. waters of Lake Superior. North American Journal of Fisheries Management 14(2): 395–402.
7. Hansen MJ, Ramm CW (1994) Persistence and stability of fish assemblage structure in a southwest New York stream. American Midland Naturalist 132(1): 52–67.

8. Hansen MJ, Schorfhaar RG, J. W. Peck, Selgeby JH, and W. W. Taylor (1995) Abundance indices for determining the status of lake trout restoration in Michigan waters of Lake Superior. *North American Journal of Fisheries Management* 15(4): 830–837.
9. Hansen MJ, Peck JW, Schorfhaar RG, Selgeby JH, Schreiner DR, Schram ST, Swanson BL, MacCallum WR, Burnham Curtis MK, Curtis GL, Heinrich JW, Young RJ (1995) Lake trout (*Salvelinus namaycush*) populations in Lake Superior and their restoration in 1959–1993. *Journal of Great Lakes Research* 21(Supplement 1): 152–175.
10. Selgeby JH, Bronte CR, Brown EH Jr, Hansen MJ, Holey ME, VanAmberg JP, Muth KM, Makauskas DB, McKee P, Anderson DM, Ferreri CP, Schram ST (1995) Lake trout restoration in the Great Lakes: stock size criteria for natural reproduction. *Journal of Great Lakes Research* 21(Supplement 1): 498–504.
11. Hansen MJ, Ebener MP, Schorfhaar RG, Schram ST, Schreiner DR, Selgeby JH, Taylor WW (1996) Causes of declining survival of lake trout stocked in U.S. waters of Lake Superior in 1963–1986. *Transactions of the American Fisheries Society* 125(6): 831–843.
12. Madenjian CP, Tyson JT, Knight RL, Kershner MW, Hansen MJ (1996) First-year growth, recruitment, and maturity of walleye in western Lake Erie. *Transactions of the American Fisheries Society* 125(6): 821–830.
13. Hansen MJ, Madenjian CP, Helser TE, Selgeby JH (1997) Gillnet selectivity of lake trout (*Salvelinus namaycush*) in Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences* 54(11): 2483–2490.
14. Hansen MJ, Schorfhaar RG, Selgeby JH (1998) Gill net saturation by lake trout in Michigan waters of Lake Superior. *North American Journal of Fisheries Management* 18(4):847–853.
15. Hansen MJ, Bozek MA, Newby JR, Newman SP, Staggs MD (1998) Factors affecting recruitment of walleyes in Escanaba Lake, Wisconsin, 1958–1995. *North American Journal of Fisheries Management* 18(4):764–774.
16. Fajfer S, Meyers L, Willman G, Carpenter T, Hansen MJ (1999) Growth of juvenile lake sturgeon reared at three different tank densities. *North American Journal of Aquaculture* 61(4):331–335.
17. Unmuth JML, Hansen MJ, Pellett TD (1999) Effects of mechanical harvesting of Eurasian watermilfoil on largemouth bass and bluegill populations in Fish Lake, Wisconsin. *North American Journal of Fisheries Management* 19(4): 1089–1098.
18. Hansen MJ, Beard TD Jr, Hewett SW (2000) Catch rates and catchability of walleyes in angling and spearing fisheries in northern Wisconsin lakes. *North American Journal of Fisheries Management* 20(1): 97–106.
19. Nate NA, Bozek MA, Hansen MJ, Hewett SW (2000) Variation in walleye abundance with lake size and recruitment source. *North American Journal of Fisheries Management* 20(1): 107–114.
20. Newby JR, Hansen MJ, Newman SP, Edwards CJ (2000) Catchability of walleyes to angling in Escanaba Lake, Wisconsin, 1980–1995. *North American Journal of Fisheries Management* 20(4): 873–881.
21. Kitchell JF, Harvey CJ, Johnson TB, Mason DM, Schoen KK, Aydin K, Bronte CR, Ebener MP, Hansen MJ, Hoff MH, Schram ST, Schreiner DR, Walters CJ (2000) Sustainability of the Lake Superior fish community: interactions in a food web context. *Ecosystems* 3(6): 545–560.
22. Unmuth JML, Hansen MJ, Rasmussen PW, Pellett TD (2001) Effects of mechanical harvesting of Eurasian watermilfoil on angling in Fish Lake, Wisconsin. *North American Journal of Fisheries Management* 21(3): 448–454.
23. Nate NA, Bozek MA, Hansen MJ, Hewett SW (2001) Variation of adult walleye abundance in relation to recruitment and limnological variables in northern Wisconsin lakes. *North American Journal of Fisheries Management* 21(4): 441–447.
24. Schmalz PJ, Hansen MJ, Holey ME, McKee PC, Toney ML (2002) Lake trout movements in northwestern Lake Michigan. *North American Journal of Fisheries Management* 22(3): 737–749.
25. Wilberg MJ, Hansen MJ, Bronte CR (2003) Historic and modern density of wild lean lake trout in Michigan waters of Lake Superior. *North American Journal of Fisheries Management* 23(1): 100–108.
26. Beard TD Jr, Hansen MJ, Carpenter SR (2003) Development of a regional stock-recruitment model for understanding factors affecting walleye recruitment in northern Wisconsin lakes. *Transactions of the American Fisheries Society* 132(2): 396–405.
27. Rogers MW, Hansen MJ, Beard TD Jr (2003) Catchability of walleyes to fyke-netting and electrofishing in northern Wisconsin lakes. *North American Journal of Fisheries Management* 23(4): 1192–1205.
28. Nate NA, Bozek MA, Hansen MJ, Ramm CW, Bremigan MT, Hewett SW (2003) Predicting the occurrence and success of walleye populations from physical and biological features of northern Wisconsin lakes. *North American Journal of Fisheries Management* 23(4): 1206–1213.
29. Pereira DL, Hansen MJ (2003) A perspective on challenges to recreational fisheries management: summary of the symposium on active management of recreational fisheries. *North American Journal of Fisheries Management* 23(4): 1367–1373.
30. Hansen MJ, Adams JV, DW Cuddy, JM Doemel, MF Fodale, GL Larson, DJ Ollila, Slade JW, Steeves TB, Young RJ, Zerrenner A (2003) Optimizing larval assessment to support sea lamprey control in the Great Lakes. *Journal of Great Lakes Research* 29(Supplement 1): 766–782.
31. Heinrich JW, Mullett KM, Hansen MJ, Adams JV, Klar GT, Johnson DA, Christie GC, Young RJ (2003) Sea lamprey abundance and management in Lake Superior, 1957 to 1999. *Journal of Great Lakes Research* 29(Supplement 1): 566–583.

32. Schmaltz PJ, Hansen MJ, Holey ME, McKee PC, Toney ML (2004) Effect of rewards on lake trout tag returns in northwestern Lake Michigan. *North American Journal of Fisheries Management* 24(1): 1–6.
33. Hansen MJ, Newman SP, Edwards CJ (2004) A reexamination of the relationship between electrofishing catch rate and age-0 walleye density in northern Wisconsin lakes. *North American Journal of Fisheries Management* 24(2): 429–439.
34. Richards JM, Hansen MJ, Bronte CR, Sitar SP (2004) Recruitment dynamics of the 1971–1991 year-classes of lake trout in Michigan waters of Lake Superior. *North American Journal of Fisheries Management* 24(2): 475–489.
35. Wilberg MJ, Bronte CR, Hansen MJ (2004) Fleet dynamics of the commercial lake trout fishery in Michigan waters of Lake Superior during 1929–1961. *Journal of Great Lakes Research* 30(2): 252–266.
36. McKee PC, Toney ML, Hansen MJ, Holey ME (2004) Performance of two strains of lake trout stocked in the midlake refuge of Lake Michigan. *North American Journal of Fisheries Management* 24(4): 1101–1111.
37. Rogers MW, Hansen MJ, Beard TD Jr (2005) Relationships between recapture rates from different gears for estimating walleye abundance in northern Wisconsin lakes. *North American Journal of Fisheries Management* 25(1): 195–202.
38. Kapuscinski KK, Hansen MJ, Schram ST (2005) Movements of lake trout in U. S. Waters of Lake Superior, 1973–2001. *North American Journal of Fisheries Management* 25(2): 696–708.
39. Schueller AM, Hansen MJ, Newman SP, Edwards CJ (2005) Density dependence of walleye maturity and fecundity in Big Crooked Lake, Wisconsin, 1997–2003. *North American Journal of Fisheries Management* 25(3): 841–847.
40. Deroba JJ, Hansen MJ, Nate NA, Hennessy JM (2005) Evaluating assumptions of mark-recapture studies for estimating angling exploitation of walleyes in northern Wisconsin lakes. *North American Journal of Fisheries Management* 25(3): 890–896.
41. Hansen MJ, Beard TD Jr, Hewett SW (2005) Effect of measurement error on tests of density dependence of catchability for walleyes in northern Wisconsin angling and spearing fisheries. *North American Journal of Fisheries Management* 25(3): 1010–1015.
42. Fayram AH, Hansen MJ, Nate NA (2005) Determining optimal stocking rates using a stock-recruitment model: an example using walleye in northern Wisconsin. *North American Journal of Fisheries Management* 25(4): 1215–1225.
43. Hansen MJ, Nate NA (2005) A method for correcting the relative weight (W_r) index for seasonal patterns in body condition with length, with an application to walleye in Wisconsin. *North American Journal of Fisheries Management* 25(4): 1256–1262.
44. Fayram AH, Hansen MJ, Ehlinger TJ (2005) Interactions between walleye and four fish species with implications for walleye stocking. *North American Journal of Fisheries Management* 25(4): 1321–1330.
45. Schoenebeck CW, Hansen MJ (2005) Electrofishing catchability of walleyes, largemouth bass, smallmouth bass, northern pike, and muskellunge in Wisconsin lakes. *North American Journal of Fisheries Management* 25(4): 1341–1352.
46. Fayram AH, Hansen MJ, Ehlinger TJ (2006) Influence of walleye stocking on angler effort in Wisconsin. *Human Dimensions of Wildlife* 11(2): 129–141.
47. Fayram AH, Hansen MJ, Ehlinger TJ (2006) Characterizing changes in maturity of lakes resulting from supplementation of walleye populations. *Ecological Modelling* 197: 103–115.
48. Bruch RM, Miller G, Hansen MJ (2006) Fecundity of lake sturgeon (*Acipenser fulvescens*, Rafinesque) in Lake Winnebago, Wisconsin, USA. *Journal of Applied Ichthyology* 22 (Supplement 1): 116–118.
49. Deroba JJ, Hansen MJ, Nate NA, Hennessy JM (2007) Evaluating creel survey efficiency for estimating walleye fishery metrics in northern Wisconsin lakes. *North American Journal of Fisheries Management* 27(2): 707–716.
50. Deroba JJ, Hansen MJ, Nate NA, Hennessy JM (2007) Temporal profiles of angling effort, harvest rate, and harvest in northern Wisconsin lakes. *North American Journal of Fisheries Management* 27(2): 717–727.
51. Linton BC, Hansen MJ, Schram ST, Sitar SP (2007) Dynamics of a recovering lake trout population in eastern Wisconsin waters of Lake Superior, 1980–2001. *North American Journal of Fisheries Management* 27(3): 940–954.
52. Paragamian VL, Hansen MJ (2008) Evaluation of recovery goals for white sturgeon in the Kootenai River, Idaho, USA. *North American Journal of Fisheries Management* 28(2): 463–470.
53. Corradin LM, Hansen MJ, Schreiner DR, Seider M (2008) Recruitment dynamics of lake trout in western Lake Superior during 1980–1995. *North American Journal of Fisheries Management* 28(3): 663–677.
54. Hansen MJ, Horner NJ, Liter M, Peterson MP, Maiolie MA (2008) Dynamics of an increasing lake trout population in Lake Pend Oreille, Idaho, USA. *North American Journal of Fisheries Management* 28(4): 1160–1171.
55. Nieland JL, Hansen MJ, Seider MJ, Deroba JJ (2008) Modeling the sustainability of lake trout fisheries in eastern Wisconsin waters of Lake Superior. *Fisheries Research* 94(3): 304–314.
56. Schueller AM, Hansen MJ, Newman SP (2008) Modeling the sustainability of walleye populations in northern Wisconsin lakes. *North American Journal of Fisheries Management* 28(6): 1916–1927.
57. Bruch RM, Campana SE, Davis-Foust SL, Hansen MJ, Janssen J (2009) Lake sturgeon age validation using bomb radiocarbon and known-age fish. *Transactions of the American Fisheries Society* 138(2): 361–372.
58. Paragamian VL, Hansen MJ (2009) Rehabilitation needs for burbot in the Kootenai River, Idaho, USA, and British Columbia, Canada. *North American Journal of Fisheries Management* 29(3): 768–777.

59. Weeks JG, Hansen MJ (2009) Walleye and muskellunge movement in the Manitowish chain of lakes, Vilas County, Wisconsin. *North American Journal of Fisheries Management* 29(3): 791–804.
60. Hansen MJ, Schill D, Fredericks J, Dux A (2010) Salmonid predator-prey dynamics in Lake Pend Oreille, Idaho, USA. *Hydrobiologia* 650(1): 85–100.
61. Hansen MJ, Fayram AH, Newman SP (2011) Natural mortality in relation to age and fishing mortality on walleye in Escanaba Lake, Wisconsin, during 1956–2009. *North American Journal of Fisheries Management* 31(3): 506–514.
62. Paragamian VL, Hansen MJ (2011) Stocking for rehabilitation of burbot in the Kootenai River, Idaho, USA and British Columbia, Canada. *Journal of Applied Ichthyology* 27(Supplement 1): 22–26.
63. Bergman PS, Hansen MJ, Nate NA (2011) Relationship between electrofishing catch rate and trout density in Wisconsin streams. *North American Journal of Fisheries Management* 31(5): 952–961.
64. Rook BJ, Hansen MJ, Gorman OT. 2012. The spatial scale for cisco recruitment dynamics in Lake Superior during 1978–2007. *North American Journal of Fisheries Management* 32(3): 499–514.
65. Schueller AM, Fayram AH, Hansen MJ (2012) Simulated equilibrium walleye population density under static and dynamic recreational angling effort. *North American Journal of Fisheries Management* 32(5): 894–904.
66. Hansen MJ, Nate NA, Krueger CC, Zimmerman MS, Kruckman HG, Taylor WW (2012) Age, growth, survival, and maturity of lake trout morphotypes in Lake Mistassini, Quebec. *Transactions of the American Fisheries Society* 141(6): 1492–1503.
67. Allen MS, Ahrens RNM, Hansen MJ, Arlinghaus R (2013) Dynamic angling effort influences the value of minimum-length limits to prevent recruitment overfishing. *Fisheries Management and Ecology* 20(2–3): 247–257.
68. Rook BJ, Hansen MJ, Gorman OT (2013) Biotic and abiotic factors influencing cisco recruitment dynamics in Lake Superior during 1978–2007. *North American Journal of Fisheries Management* 33(6): 1243–1257.
69. Riley SC, Binder TR, Wattrus NJ, Faust MD, J Janssen, J Menzies, JE Marsden, Ebener MP, Bronte CR, He JX, Tucker TR, Hansen MJ, Thompson HT, Muir AM, Krueger CC (2014) Lake trout in northern Lake Huron spawn on submerged drumlins. *Journal of Great Lakes Research* 40(2): 415–420.
70. Hansen MJ, Nate NA (2014) Effects of recruitment, growth, and exploitation on walleye population size structure in northern Wisconsin lakes. *Journal of Fish and Wildlife Management* 5(1): 99–108. DOI: 10.3996/092013-JFWM-065
71. Hosack MA, Hansen MJ, Homer NJ (2014) Dynamics of an introduced and unexploited lake whitefish population in Lake Pend Oreille, Idaho. *North American Journal of Fisheries Management* 34(5): 1014–1027.
72. Faust MD, Isermann DA, Luehring MA, Hansen MJ (2015) Muskellunge growth potential in Northern Wisconsin: implications for trophy management. *North American Journal of Fisheries Management* 35(4): 765–774.
73. Johnson MJ, Hansen MJ, Seider MJ (2015) Effectiveness of a refuge for Lake Trout in western Lake Superior I: empirical analysis of past performance. *North American Journal of Fisheries Management* 35(5): 988–1002.
74. Akins, A. L., Hansen MJ, Seider MJ (2015) Effectiveness of a refuge for Lake Trout in western Lake Superior II: simulation of future performance. *North American Journal of Fisheries Management* 35(5): 1003–1018.
75. Binder TR, Riley SC, Holbrook CM, Hansen MJ, Krueger CC (2016) Spawning site fidelity of wild and hatchery lake trout, *Salvelinus namaycush*, adjacent to Drummond Island, Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences* 73(1): 18–34.
76. Hansen MJ, Nate NA, Muir AM, Bronte CR, Zimmerman MS, Krueger CC (2016) Life history variation among four lake trout morphs at Isle Royale, Lake Superior. *Journal of Great Lakes Research* 42(2): 421–432.
77. Hansen MJ, Nate NA, Chavarie L, Muir AM, Zimmerman MS, Krueger CC (2016) Life history differences between fat and lean lake trout morphs in Great Slave Lake, Northwest Territories, Canada. *Hydrobiologia* 783(1): 21–35.
78. Hansen MJ, Hansen BH, Beauchamp DA (2016) Lake trout (*Salvelinus namaycush*) suppression for bull trout (*Salvelinus confluentus*) recovery in Flathead Lake, Montana, North America. *Hydrobiologia* 783(1): 317–334.
79. Hansen MJ, Madenjian CP, Slade JW, Steeves TB, Almeida PR, Quintella BS (2016) Population ecology of the Sea Lamprey (*Petromyzon marinus*) as an invasive species in the Laurentian Great Lakes and an imperiled species in Europe. *Reviews in Fish Biology & Fisheries* 26(3): 509–535.
80. Zuccarino-Crowe CM, Taylor WW, Hansen MJ, Seider MJ, Krueger CC (2016) Effects of Lake Trout Refuges on Lake Whitefish and Cisco in the Apostle Islands Region of Lake Superior. *Journal of Great Lakes Research* 42(5): 1092–1101.
81. McCubbins JL, Hansen MJ, DosSantos JM, Dux AM (2016) Demographic characteristics of an adfluvial Bull Trout population in Lake Pend Oreille, Idaho. *North American Journal of Fisheries Management* 35(6): 1269–1277.
82. Baillie SM, Muir AM, Hansen MJ, Krueger CC, Bentzen P (2016) Genetic and phenotypic variation along an ecological gradient in lake trout *Salvelinus namaycush*. *BMC Evolutionary Biology* 16:219.
83. Muir AM, Hansen MJ, Bronte CR, Krueger CC (2016) If Arctic Charr *Salvelinus alpinus* is “the most diverse vertebrate,” what is the Lake Charr *Salvelinus namaycush*? *Fish and Fisheries* 17(4): 1194–1207.
84. Faust MD, Hansen MJ (2016) Effects of consumption-oriented versus trophy-oriented fisheries on Muskellunge population size structure in Northern Wisconsin. *North American Journal of Fisheries Management* 36(6): 1336–1346.

85. Galbraith HS, Blakeslee CJ, Schmucker AK, Johnson NS, Hansen MJ, Li W (2017) Donor life stage influences juvenile American eel *Anguilla rostrata* attraction to conspecific chemical cues. *Journal of Fish Biology* 90(1):384–395.
86. Chavarie L, Muir AM, Baillie SM, Zimmerman MS, Hansen MJ, Nate NA, Yule DL, Middel T, Bentzen P, Krueger CC (2017) Challenge to the model for lake charr evolution: Co-existence of shallow- and deep-water morphs in a small postglacial lake. *Biological Journal of the Linnean Society* 120(3):578–603.
87. Schill DJ, Meyer KA, Hansen MJ (2017) Effects of YY-male stocking and manual suppression for eradication of non-native brook trout populations. *North American Journal of Fisheries Management* 35(5):1054–1066.
88. Erickson RA, Eager EA, Brey MK, Hansen MJ, Kocovsky PM (2017) An integral projection model with YY-males and application to evaluating grass carp control. *Ecological Modelling* 361:14–25.
89. Chavarie L, Howland KL, Harris LN, Hansen MJ, Harford WJ, Gallagher CP, Baillie SM, Malley B, Tonn WM, Muir AM, Krueger CC (2018) From top to bottom: do lake trout diversify along a depth gradient in Great Bear Lake, NT? *PLoS ONE* 13(3): e0193925.
90. Chavarie L, Howland KL, Harris LN, Hansen MJ, Gallagher CP, Harford WJ, Tonn WM, Muir AM, Krueger CC (2019) Habitat overlap of juvenile and adult lake trout of Great Bear Lake: evidence for a lack of predation gradient? *Ecology of Freshwater Fish* 28(3):485–498.
91. Hansen MJ, Krueger CC, Muir AM, Klemetsen A, Power M (2019) Assessing the impact of charr research past, present and future. *Hydrobiologia* 840(1):1–10.
92. Dux AM, Hansen MJ, Corsi MP, Wahl NC, Fredericks JP, Corsi CE, Schill DJ, Horner NJ (2019) Effectiveness of lake trout (*Salvelinus namaycush*) suppression in Lake Pend Oreille, Idaho: 2006–2016. *Hydrobiologia* 840(1):319–333.
93. Hansen MJ, Corsi MP, Dux AM (2019) Long-term suppression of the lake trout (*Salvelinus namaycush*) population in Lake Pend Oreille, Idaho. *Hydrobiologia* 840(1):335–349. DOI:10.1007/s10750-019-3890-2
94. Corsi MP, Hansen MJ, Quist M, Schill DJ (2019) Influences of lake trout (*Salvelinus namaycush*) and Mysis diluviana on Kokanee (*Oncorhynchus nerka*) in Lake Pend Oreille, Idaho. *Hydrobiologia* 840(1):351–362.
95. Hansen MJ, Chavarie L, Muir AM, Howland KL, Krueger CC (2020) Variation in fork-to-total length relationships of North American lake trout populations. *Journal of Fish and Wildlife Management* 11(1):263–272.
96. Chavarie L, Hoffmann J, Muir AM, Krueger CC, Bronte CR, Howland KL, Gallagher CP, Sitar SP, Hansen MJ, Vinson MR, Baker LF, Loseto LL, Tonn WM, Swanson HK (2020) Dietary vs non-dietary fatty acid profiles of lake trout ecotypes from Lake Superior and Great Bear Lake: Are fish really what they eat? *Canadian Journal of Fisheries and Aquatic Sciences* 77(7):1209–1220.
97. Vinson MR, Hoffmann JM, Muir AM, Rosinski CL, Kreger CC, Bronte CR, Hansen MJ, Sitar SP, Allen WE, Baker LF, Swanson HK (2020) Gut contents from multiple morphs of lake trout (*Salvelinus namaycush*) at two offshore shoals in Lake Superior. *Journal of Great Lakes Research* 46(5):1382–1390.
98. Chavarie L, Howland KL, Harris LN, Gallagher CP, Hansen MJ, Tonn WM, Muir AM, Krueger CC (2021) Among-individual diet variation within a lake trout ecotype: lack of stability of niche use. *Ecology and Evolution* 11(3):1457–1475.
99. Chavarie L, Voelker S, Hansen MJ, Bronte CR, Muir AM, Zimmerman MS, Krueger CC (2021) Temporal instability of lake charr phenotypes: synchronicity of growth rates and morphology linked to environmental variables? *Evolutionary Applications* 14(4):1159–1177.
100. Rook BJ, Hansen MJ, Goldworthy CA, Ray BA, Gorman OT, Yule DL, Bronte CR (2021) Was historical cisco *Coregonus artedii* yield consistent with contemporary recruitment and abundance in Lake Superior? *Fisheries Management and Ecology* 28(3):195–210.
101. Rook BJ, Hansen MJ, Bronte CR (2021) Are Cisco and Lake Whitefish competitors? an analysis of historical fisheries in Michigan waters of the upper Laurentian Great Lakes. *Journal of Fish and Wildlife Management* 12(2):524–539.
102. Rook BJ, Hansen MJ, Bronte CR (2022) How Many Ciscos are Needed for Stocking in the Laurentian Great Lakes? *Journal of Fish and Wildlife Management* 13(1):000–000.

Book Chapters = 16:

1. Hansen MJ, Peck JW (1995) Lake trout in the Great Lakes. Pages 244–247 in LaRoe ET, Farris GS, Puckett CE, Doran PD, Mac MM, editors. *Our Living Resources: A Report to the Nation on the Distribution, Abundance, and Health of U.S. Plants, Animals, and Ecosystems*. U.S. Department of the Interior, National Biological Service, Washington, D.C.
2. Brandt S, DePinto J, Hansen M, Hartman K, Mills E, O’Gorman R, Rand P, Riessen H, Rudstam L, Snyder R, Stewart D (1996) A review of the current status of Lake Ontario’s Pelagic Fish Community: Report of the 1996 Lake Ontario Technical Panel. *Great Lakes Research Review* 2(2): 4–10.
3. Hansen MJ, Bence JR, Peck JW, Taylor WW (1997) Evaluation of the relative importance of hatchery-reared and wild fish in the restoration of Lake Superior lake trout. Pages 492–497 in Hancock DA, Smith DC, Grant A, Beumer JP, editors. *Developing and sustaining world fisheries resources: the state of science and management: 2nd World Fisheries Congress proceedings*. CSIRO Publishing, Collingwood, VIC, Australia. ISBN:0-643-05985-7 [out of print]
4. Hansen MJ (1999) Lake trout in the Great Lakes: basin wide stock collapse and binational restoration. Pages 417–453 in Taylor

- WW, Ferreri CP, editors. *Great Lakes Fishery Policy and Management: A Binational Perspective*. Michigan State University Press, East Lansing. ISBN:0-87013-483-3 [out of print]
5. Hansen MJ, Holey ME (2002) Ecological factors affecting the sustainability of chinook and coho salmon populations in the Great Lakes, especially Lake Michigan. Pages 155–179 in Lynch KD, Jones ML, Taylor WW, editors. *Sustaining North American salmon: perspectives across regions and disciplines*. American Fisheries Society, Bethesda, Maryland. ISBN:1-888569-25-5
 6. Hansen MJ, Beard TD Jr, Hayes DW (2007) Chapter 3: Sampling and experimental design. Pages 51–120 in M. Brown and C. Guy, editors. *Analysis and Interpretation of Freshwater Fisheries Data*, American Fisheries Society, Bethesda, Maryland. ISBN:978-1-888569-77-3
 7. Hansen MJ, Lester NP, Krueger CC (2010) Chapter 15: natural lakes. Pages 449–500 in Hubert WA, Quist MC, editors. *Inland Fisheries Management in North America, Third Edition*, American Fisheries Society, Bethesda, Maryland. ISBN:978-1-934874-16-5
 8. Nate NA, Hansen MJ, Rudstam LG, Knight RL, Newman SP (2011) Chapter 9: population and community dynamics of walleye. Pages 321–374 in Barton BA, editor. *Biology, Management, and Culture of Walleye and Sauger*, American Fisheries Society, Bethesda, Maryland. ISBN: 978-1-934874-22-6
 9. Muir AM, Krueger CC, Hansen MJ (2013) Re-establishing lake trout in the Laurentian Great Lakes: the past, present, and future. Pages 533–588 in Taylor WW, Lynch AJ, Leonard NJ, editors. *Great Lakes Fishery Policy and Management: A Binational Perspective, 2nd Edition*. Michigan State University Press, East Lansing. ISBN: 978-1-61186-024-5
 10. Faust MD, Hansen MJ (2017) Do observed levels of exploitation from consumption-oriented and trophy-oriented fisheries reduce relative stock densities of muskellunge below target levels in northern Wisconsin? [Extended Abstract] Pages 379–384 in *Muskellunge Management: Fifty Years of Cooperation Among Anglers, Scientists, and Fisheries Biologists*, American Fisheries Society Symposium 85, Bethesda, Maryland. ISBN: 978-1-934874-46-2
 11. Caspers TS, Hansen MJ, Hewett SW (2017) Effect of stocking and biotic and abiotic factors on muskellunge recruitment in northern Wisconsin lakes. [Abstract] Page 671 in *Muskellunge Management: Fifty Years of Cooperation Among Anglers, Scientists, and Fisheries Biologists*, American Fisheries Society Symposium 85, Bethesda, Maryland. ISBN: 978-1-934874-46-2
 12. Hansen MJ, Guy CS, Budy P, McMahon TE (2019) Chapter 19 – Trout as native and invasive species: a management paradox. Pages 645–684 in Kershner JL, Williams JE, Gresswell RE, Lobón-Cerviá J, editors. *Trout and char of the world*, American Fisheries Society, Bethesda, Maryland. ISBN: 978-1-934874-54-7
 13. Hansen MJ, Bronte CR (2019) Restoration of lake trout in Lake Superior through interagency cooperative management. Pages 385–409 in Krueger CC, Taylor WW, Youn S-J, editors. *From catastrophe to recovery: stories of fish management success*. American Fisheries Society, Bethesda, Maryland. ISBN: 978-1-934874-55-4
 14. Riley SC, Hansen MJ, Krueger CC, Muir AM (2021) Introduction. In *The Lake Charr *Salvelinus namaycush*: biology, ecology, distribution, and management*, Muir AM, Krueger CC, Hansen MJ, Riley SC, editors. *Fish & Fisheries Series 39*, Springer. ISBN: 978-3-030-62258-9
 15. Muir AM, Bennion D, Hansen MJ, Riley S, Gunn JM (2021) Distribution. In *The Lake Charr *Salvelinus namaycush*: biology, ecology, distribution, and management*, Muir AM, Krueger CC, Hansen MJ, Riley SC, editors. *Fish & Fisheries Series 39*, Springer. ISBN: 978-3-030-62258-9
 16. Hansen MJ, Guy CS, Bronte CR, Nate NA (2021) Life history and population dynamics. In *The Lake Charr *Salvelinus namaycush*: biology, ecology, distribution, and management*, Muir AM, Krueger CC, Hansen MJ, Riley SC, editors. *Fish & Fisheries Series 39*, Springer. ISBN: 978-3-030-62258-9

Agency Publications = 14:

1. Hansen MJ (1984) Expenditures of Great Lakes salmon and trout stamp revenues, 1983–84. Wisconsin Department of Natural Resources, Bureau of Fish Management, Administrative Report 22, Madison. 18 pages. <http://search.library.wisc.edu/catalog/ocm12272713>
2. Hansen MJ (1986) Size and condition of trout and salmon from the Wisconsin waters of Lake Michigan, 1969–84. Wisconsin Department of Natural Resources, Bureau of Fish Management, Fish Management Report 126, Madison. 28 pages. <http://search.library.wisc.edu/catalog/ocm13243566>
3. Hansen MJ (1989) A walleye population model for setting harvest quotas. Wisconsin Department of Natural Resources, Bureau of Fisheries Management, Fish Management Report 143, Madison. 12 pages. <http://search.library.wisc.edu/catalog/ocm21110171>
4. Staggs MD, Moody RC, Hansen MJ, Hoff MH (1990) Spearing and sport angling for walleye in Wisconsin's ceded territory. Wisconsin Department of Natural Resources, Bureau of Fisheries Management, Administrative Report 31, Madison. 33 pages. <http://search.library.wisc.edu/catalog/ocm21947908>
5. Hansen MJ, editor. 1990. *Lake Superior: the state of the lake in 1989*. Great Lakes Fishery Commission, Special Publication 90-3, Ann Arbor, Michigan. 55 pages. http://www.glfsc.org/pubs/SpecialPubs/Sp90_3.pdf

6. Hansen MJ, P. T. Schultz, and B. A. Lasee. 1991. Wisconsin's Lake Michigan salmonid sport fishery, 1969–1985. Wisconsin Department of Natural Resources, Bureau of Fisheries Management, Fisheries Management Report 145, Madison. 71 pages. <http://search.library.wisc.edu/catalog/ocm24621658>
7. Hansen MJ, editor (1990) The state of Lake Superior in 1992. Great Lakes Fishery Commission, Special Publication 94-1, Ann Arbor, Michigan. 110 pages. http://www.glfsc.org/pubs/SpecialPubs/Sp94_1.pdf
8. Hansen MJ, editor (1996) A lake trout restoration plan for Lake Superior. Great Lakes Fishery Commission, Ann Arbor, Michigan. 27 pages. <http://www.glfsc.org/pubs/SpecialPubs/LakeTroutRepSup.pdf>
9. Hansen MJ (2002) Reviewer rights and responsibilities. Fisheries 27(10): 32–33. DOI:10.1577/1548-8446-27-10
10. Devine JA, Schram ST, Hansen MJ (2005) A food web analysis of the fishery in Chequamegon Bay, Lake Superior. Wisconsin Department of Natural Resources, Fisheries Management Report 150, Madison. 43 pages. <http://search.library.wisc.edu/catalog/ocm61367185>
11. McClanahan DR, Hansen MJ (2005) A statewide mail survey to estimate 2000–2001 angler catch, harvest, and effort in Wisconsin. Wisconsin Department of Natural Resources, Fisheries Management Report 151, Madison. 48 pages. http://dnr.wi.gov/topic/fishing/documents/publications/anglersurvey_final.pdf
12. Hansen MJ, Liter M, Cameron S, Horner N (2007) Mark-recapture study of lake trout using large trap nets in Lake Pend Oreille. Idaho Department of Fish and Game, Fishery Research Report 07–19, Boise. 26 pages. <https://collaboration.idfg.idaho.gov/FisheriesTechnicalReports/Res07-19Hansen2006%20Mark-Recapture%20Study%20of%20Lake%20Trout%20Using%20Large%20Trap%20Nets%20in%20Lake%20Pend%20Oreille.pdf>
13. Hansen MJ (2007) Predator-prey dynamics in Lake Pend Oreille, Idaho. Idaho Department of Fish and Game, Fishery Research Report 07–53, Boise. 45 pages. <https://collaboration.idfg.idaho.gov/FisheriesTechnicalReports/Res07-53Hansen2007%20Predator-Prey%20Dynamics%20in%20Lake%20Pend%20Oreille.pdf>
14. Gresswell RE, Budy P, Guy CS, Hansen MJ, Jones ML, Martinez PJ, Suski C, Williams JE (2012) Confronting a lake trout invasion of Yellowstone Lake: an interim assessment, June 14–16, 2012. A Report to the Superintendent of Yellowstone National Park. U.S. Geological Survey, Northern Rocky Mountain Science Center, Bozeman, Montana. YCR–2012–04. http://www.nrmssc.usgs.gov/files/norock/products/YELLlake_panel_review_2011_FINAL_web.pdf

Proceedings = 3:

1. Hansen MJ (1989) Chinook salmon and Wisconsin's Lake Michigan sport fishery 1969–1985. Pages 8–17 in B. G. Shepherd, editor. Proceedings of the 1988 Northeast Pacific Chinook and Coho Salmon Workshop. American Fisheries Society, North Pacific International Chapter, Bethesda, Maryland.
2. Hansen MJ (2008) Lake trout stock assessment: from survey design to population models. Pages 94–97 in K. H. Mills, M. Dyck, and L. A. Harwood, editors. Proceedings of the Second Lake Trout Symposium 2005, Yellowstone, Northwest Territories. Canadian Technical Report of Fisheries and Aquatic Sciences, Ottawa. 247 pages. <http://www.dfo-mpo.gc.ca/Library/332021.pdf>
3. Kennedy P, Schill DJ, Meyer KA, Campbell MR, Vu N, Hansen MJ (2017) Production and evaluation of YY-male stocking and manual suppression for eradication of non-native brook trout populations. Pages 251–260 in R. F. Carline, Editor. Wild Trout XII: science, politics, and wild trout management: who's driving and where are we going? Wild Trout Symposium, September 26–29, 2017, West Yellowstone, MT. <https://www.wildtroutsymposium.com/proceedings.php>
4. Faust, M. D., and **M. J. Hansen**. 2017. Do observed levels of exploitation from consumption-oriented and trophy-oriented fisheries reduce relative stock densities of muskellunge below target levels in northern Wisconsin? American Fisheries Society Symposium 85:379–384.

PRESENTATIONS:

Presented (64 oral and poster presentations):

1. Mechanical Harvest of Aquatic Vegetation and Related Removal of Macroinvertebrates and Fish. 8th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Stevens Point, Wisconsin, 19–20 January 1979. PRESENTED
2. Size Selective Predation on *Daphnia pulex* by Yellow Perch Fry in Oneida Lake. Annual Meeting of the New York Chapter of the American Fisheries Society, Marcy, New York, 1–2 February 1980. PRESENTED
3. Food Resources and Longitudinal Distribution of Benthic Stream Fishes. 111th Annual Meeting of the American Fisheries Society, Albuquerque, New Mexico, 16–18 September 1981. PRESENTED
4. Size and Condition of Trout and Salmon from the Wisconsin Waters of Lake Michigan, 1969–85. 48th Midwest Fish and Wildlife Conference, Omaha, Nebraska, 7–10 December 1986. PRESENTED
5. Chinook Salmon and Wisconsin's Lake Michigan Sport Fishery, 1969–1985. Northeast Pacific Chinook and Coho Workshop, North Pacific International Chapter, American Fisheries Society, Bellingham, Washington, 2–4 October 1988. PRESENTED

6. Commercial and Sport Fishery Policy Changes Resulting from Declining Alewife Abundance in Lake Michigan. 32nd Conference on Great Lakes Research, Madison, Wisconsin, May 31 – June 2, 1989. PRESENTED
7. Errors in Estimating Walleye Abundance and Associated Risks of Implementing a Tribal Spear Fishery in Northern Wisconsin. 119th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, 4–8 September 1989. PRESENTED
8. Innovative Approaches Using Bioenergetics Models: Future Applications to Fish Ecology and Management. 122nd Annual Meeting of the American Fisheries Society, Rapid City, South Dakota, 16–17 September 1992 (panel discussion moderator). INVITED
9. Status of Chinook Salmon: The Building of the Population Before BKD. A Forum on Ecosystem Management of Lake Michigan's Salmonid Guild, Annual Spring Meeting of the Michigan Chapter of the American Fisheries Society, East Lansing, Michigan, 5 March 1993. INVITED
10. Lake Trout Restoration in Lake Superior, 1959–1993. Restoration of Lake Trout in the Great Lakes: A Critical Assessment, International Conference sponsored by the Great Lakes Fishery Commission, Ann Arbor, Michigan, 10–14 January 1994. PRESENTED
11. Resource Assessment. Central Great Lakes Regional Chapter, Society of Environmental Toxicology and Chemistry, Ann Arbor, Michigan, 22 April 1994. PRESENTED
12. The Importance of Hatchery Origin Fish in the Recovery of Lake Trout in Lake Superior. 124th Annual Meeting of the American Fisheries Society, Halifax, Nova Scotia, 21–25 August 1994. PRESENTED
13. Causes of Declining Survival of Lake Trout Stocked in U.S. Waters of Lake Superior. 56th Midwest Fish and Wildlife Conference, Indianapolis, Indiana, 4–7 December 1994. PRESENTED
14. Lake Trout Restoration in the Great Lakes. Invited presentation in the symposium, "Conservation Hatcheries–Threatened and Endangered Species Propagation." 125th Annual Meeting of the American Fisheries Society, Tampa, Florida, 27–31 August 1995. INVITED
15. Keynote Address–Interactions of Native and Non Native Species in Great Lakes Ecosystem Restoration. Annual Spring Meeting of the Michigan Chapter of the American Fisheries Society, East Lansing, Michigan, 8 March 1996. INVITED
16. Lake Trout Depletion–Sea Lampreys or Overfishing? Sustainability and Great Lakes Fisheries–Paradox or Promise? 126th Annual Meeting of the American Fisheries Society, Dearborn, Michigan, 25–29 August 1996. PRESENTED
17. Relative Importance of Stocked and Wild Lake Trout on Population Recoveries in Lake Superior Lake Trout. 40th Conference of the International Association for Great Lakes Research, Buffalo, New York, 1–5 June 1997. PRESENTED
18. Factors Influencing Recruitment of Walleye in Escanaba Lake, Wisconsin, 1958–1995. 59th Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin, 7–10 December 1997. PRESENTED
19. Lake Trout Management and Restoration on Lake Superior. Agriculture and Natural Resources Week, Michigan State University, East Lansing, Michigan, 12 March 1998. INVITED
20. Ecology of Pacific Salmon in the Great Lakes. 128th Annual Meeting of the American Fisheries Society, Hartford, Connecticut, 23–27 August 1998. INVITED
21. Factors Affecting Growth of Walleye in Escanaba Lake, Wisconsin. Tri-Chapter Meeting of the Iowa, Minnesota and Wisconsin Chapters of the American Fisheries Society, La Crosse, Wisconsin, 5–7 January 1999. PRESENTED
22. Catchability of Walleyes in Angling and Spearing Fisheries in Northern Wisconsin Lakes. 129th Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, 29 August – 2 September 1999. PRESENTED
23. Causes and Impediments of Lake Trout Recovery in Lake Superior. 61st Midwest Fish & Wildlife Conference, Chicago, Illinois, 5–8 December 1999. PRESENTED
24. Catchability of Walleyes to Angling in Escanaba Lake, Wisconsin, 1980–1995. 130th Annual Meeting of the American Fisheries Society, St. Louis, Missouri, 20–24 August 2000. PRESENTED
25. Dynamics of Lake Trout Recruitment in Lake Superior. 30th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Superior, Wisconsin, 9–11 January 2001. PRESENTED
26. Spatial Dynamics of the Historic Commercial Fishery for Lake Trout in Lake Superior, 1929–1961. 30th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Superior, Wisconsin, 9–11 January 2001. PRESENTED
27. Reviewer Rights and Responsibilities. 131st Annual Meeting of the American Fisheries Society, Phoenix, Arizona, 19–23 August 2001. INVITED
28. Catchability of Age-0 Walleyes to Electrofishing in Northern Wisconsin Lakes. 131st Annual Meeting of the American Fisheries Society, Phoenix, Arizona, 19–23 August 2001. PRESENTED
29. Catchability of Age-0 Walleyes to Electrofishing in Northern Wisconsin Lakes (A Reanalysis and Evaluation of the Serns Index). 31st Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Wausau, Wisconsin, 15–17 January 2002. PRESENTED

30. Effect of Measurement Errors on Tests of Density Dependent Catchability in Walleye Fisheries in Northern Wisconsin Lakes. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
31. A Food Web Analysis of the Fish Community in Chequamegon Bay, Lake Superior. 32nd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Madison, Wisconsin, 14–16 January 2003. PRESENTED
32. The Effect of Measurement Errors on Tests of Density Dependence of Walleye Catchability in Angling and Spearing Fisheries in Northern Wisconsin Lakes. 32nd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Madison, Wisconsin, 14–16 January 2003. PRESENTED
33. Dynamics of Fishing and Natural Mortality on Walleye in Escanaba Lake, Wisconsin, during 1956–2001. 3rd International Percid Fish Symposium, Madison, Wisconsin, 20–24 July 2003. PRESENTED
34. Evaluation of Relative Weight as an Index of Walleye Body Condition in Wisconsin Lakes. 33rd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Marinette, Wisconsin, 20–22 January 2004. PRESENTED
35. A Synthesis of Patterns and Processes Causing Change in Great Lakes Food Webs during 1970–2000 and Prospects for Future Change. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. INVITED
36. Introduction to Salmonid Communities of Oligotrophic Lakes 2. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. INVITED
37. Evaluation of Relative Weight as an Index of Walleye Body Condition in Wisconsin lakes. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
38. Stock Assessment of Lake Trout: from Field Sampling to Population Models, with Examples from the Great Lakes. 2nd North American Lake Trout Conference, Yellowknife, Northwest Territories, 17–19 August 2005. INVITED
39. Life history differentiation between deep-water and shallow-water forms of lake trout in large lakes of North America. 3rd Reintroduction of Native Fishes Research Coordination Workshop, Ypsilanti, Michigan, 15–16 November 2006. PRESENTED
40. Lake Trout Population Control in Lake Pend Oreille, Idaho: Reversing Lessons from the Great Lakes. Invited Presentation for the AFS Symposium, "Lake Trout Control and Native Fish – Churning New Water, or Just Circling the Drain?" 40th Annual Meeting of the Montana Chapter of the American Fisheries Society, Missoula, Montana, 14–16 February 2007. INVITED
41. Population Dynamics of Lake Trout in Lake Pend Oreille, Idaho. 2007 Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, 21–23 February 2007. PRESENTED
42. Developing Over-Harvesting Policies for Nuisance Lake Trout in Lake Pend Oreille, Idaho. Invited Presentation for the AFS Symposium "Performance of Alternative Harvest Policies." 137th Annual Meeting of the American Fisheries Society, San Francisco, California, 2–6 September 2007. INVITED
43. A Perspective on Lake Trout in Oligotrophic Lakes of North America: Restoration in the Laurentian Great Lakes versus Suppression in Western Lakes. Invited Presentation for the AFS Symposium "Fisheries Management for Ecosystem Health." 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, 17–21 August 2008. INVITED
44. Lake Trout Suppression for Bull Trout Enhancement in Lake Pend Oreille, Idaho. 6th International Charr Symposium, Stirling, Scotland, 15–18 June 2009. PRESENTED
45. Life History Differentiation between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America. 4th International Otolith Symposium, Monterey, California, 23–28 August 2009. PRESENTED
46. Effects of Lake Trout Suppression in Lake Pend Oreille, Idaho. Invited Presentation for the AFS Symposium "Lake Trout: Threats to Native Western Salmonids." 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, 30 August – 3 September 2009. INVITED
47. A Model for Teaching Scientific Writing in an Undergraduate Curriculum. Invited Presentation for the AFS Symposium "Fisheries Education in the 21st Century." 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, 30 August – 3 September 2009. INVITED
48. Natural Mortality in Relation to Age and Fishing Mortality on Walleye in Escanaba Lake, Wisconsin, During 1956–2009. Invited Presentation for the AFS Symposium "Biology and Management of Walleye and Sauger: Status and Needs." 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4–8 September 2011. INVITED
49. Re-Establishing Lake Trout in the Laurentian Great Lakes: The Past, Present, and Future. Invited Presentation for the AFS Symposium "Setting Realistic Goals for Species and Habitat Restoration in Aquatic Systems: Examples from Great Lakes and Pacific Coast Ecosystems." 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4–8 September 2011. INVITED

50. Lake Trout East and West: What can be Learned by Comparing Lake Trout Restoration in the Eastern USA to Lake Trout Suppression in the Western USA? Invited Presentation for the AFS Symposium of the same title. 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. INVITED
51. Age, Growth, Survival, and Maturity of Lake Trout Morphotypes in Lake Mistassini, Quebec. 7th International Charr Symposium, Yuzhno-Sakhalinsk, Russia, 3–6 September 2012. PRESENTED
52. Life History Variation among Lake Trout Morphotypes in North American Lakes? 4th Reintroduction of Native Fishes Workshop, Ann Arbor, Michigan, 12–14 December 2012. INVITED
53. How Can Life History Attributes of Lake Trout from Lake Mistassini, Quebec Inform Recovery Plans for Lake Trout in the Laurentian Great Lakes? 66th Canadian Conference for Fisheries Research, Windsor, Ontario, 3–5 January 2013. INVITED
54. Dynamics of an Introduced and Unexploited Lake Whitefish Population in Lake Pend Oreille, Idaho. 144th Annual Meeting of the American Fisheries Society, Quebec City, Quebec, 17–21 August 2014. PRESENTED
55. Hansen, M.J., B.S. Hansen, and D.A. Beauchamp. 2015. Lake Trout *Salvelinus namaycush* Suppression for Bull Trout *Salvelinus confluentus* Recovery in Flathead Lake, Montana, North America. 8th International Charr Symposium, Tromsø, Norway, 14 – 18 June 2015. PRESENTED
56. Hansen, M.J., and N.A. Nate. 2016. Keynote Presentation: state of the science of fish age and growth estimation. 76th Midwest Fish & Wildlife Conference, Grand Rapids, Michigan, 24–27 January 2016. INVITED
57. Hansen, M.J., T.S. Caspers, and S.W. Hewett. 2016. Effect of Stocking and Biotic and Abiotic Factors on Muskellunge Recruitment in Northern Wisconsin Lakes. 3rd International Muskellunge Symposium, Minnetonka, Minnesota, 13–15 March 2016. PRESENTED
58. Hansen, M.J. 2016. How many Cisco are needed for restoration stocking? Coregonine Ciscos Workshop, Sault Ste. Marie, Ontario, 7–8 December 2016. INVITED
59. Hansen, M. 2018. Fisheries Scientists Must Write, Perspectives of a Journal Editor. 36th Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, 27 February – 2 March 2018. INVITED PLENARY SPEAKER
60. Hansen, M., M. Corsi, A. Dux, and D. Schill. 2018. Modeling Long-Term Suppression of Lake Trout in Lake Pend Oreille, Idaho. 36th Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, 27 February – 2 March 2018. PRESENTED
61. Hansen, M., C. Bronte, C. Guy. 2018. Population Dynamics and Life History of Lake Trout in North America. 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. PRESENTED
62. Hansen, M., M. Corsi, A. Dux. 2018. Modeling long-term suppression of lake charr in Lake Pend Oreille, Idaho. 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. PRESENTED
63. Hansen, M., N. Nate, A. Muir, C. Bronte, C. Krueger. 2018. Life history variation among four lake trout morphs at six locations in Lake Superior. 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. POSTER
64. Hansen, M. 2018. Importance of Age Estimation to Fishery Management and Conservation. 1st Great Lakes Prey Fish Age Estimation Workshop, Traverse City, Michigan, 4–5 December 2018. PRESENTED.

Co-Authored (97 presentations & posters):

1. Biological Foundations for Implementation of Off Reservation Indian Fishing Rights in Wisconsin. 119th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, 4–8 September 1989. PRESENTED
2. Characteristics of the Northern Wisconsin Walleye Fishery as Determined by a Randomized Lake Sampling Program. 121st Annual Meeting of the American Fisheries Society, San Antonio, Texas, 8–12 September 1991. PRESENTED
3. Evaluation of the Relative Importance of Hatchery Reared and Wild Fish in the Restoration of Lake Superior Lake Trout. 2nd World Fisheries Congress, Brisbane, Australia, 28 July – 2 August 1996. PRESENTED
4. Walleye Recruitment in Lake Erie, 1979–1993. First Year Survival of Walleyes and Walleye Hybrids: Mechanisms and Consequences. 126th Annual Meeting of the American Fisheries Society, Dearborn, Michigan, 25–29 August 1996. PRESENTED
5. Modeling the Effects of Angling and Spearing Exploitation on Walleye Populations in Northern Wisconsin Lakes. 59th Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin, 7–10 December 1997. PRESENTED
6. Forecasting Walleye Year Class Strength from Young of the Year Abundance and Spawning Stock in Northern Wisconsin Lakes. 59th Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin, 7–10 December 1997. PRESENTED
7. Effects of Macrophyte Removal on Fish Populations and Angler Dynamics in a Midwestern Seepage Lake. 59th Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin, 7–10 December 1997. PRESENTED

8. Estimating Adult Lake Trout Mortality in Northwestern Lake Michigan, 1984–1995. 128th Annual Meeting of the American Fisheries Society, Hartford, Connecticut, 23–27 August 1998. PRESENTED
9. Lake Trout Movements in Lake Michigan as Determined by Floy-Tag Recoveries. 129th Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, 29 August – 2 September 1999. PRESENTED
10. Collapse and Partial Recovery of Lake Trout in the Upper Great Lakes: Success, Failure, and Uncertainty. 129th Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, 29 August – 2 September 1999. PRESENTED
11. Effects of Density on Mortality Rates and Potential Causes of Density Dependence in Escanaba Lake Walleye. 61st Midwest Fish & Wildlife Conference, Chicago, Illinois, 5–8 December 1999. PRESENTED
12. Status of Lake Trout Restoration in Lake Superior. 61st Midwest Fish & Wildlife Conference, Chicago, Illinois, 5–8 December 1999. PRESENTED
13. Overfishing and Lake Trout Collapse in Michigan Waters of Lake Superior. 29th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Manitowoc, Wisconsin, 4–6 January 2000. PRESENTED
14. Modeling Lake Trout Recruitment in Lake Superior. 29th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Manitowoc, Wisconsin, 4–6 January 2000. PRESENTED
15. Use of a Mail Survey to Estimate Statewide Angler Harvest and Effort in Wisconsin. 130th Annual Meeting of the American Fisheries Society, St. Louis, Missouri, 20–24 August 2000. PRESENTED POSTER
16. Predicting Walleye Presence in Northern Wisconsin Lakes. 130th Annual Meeting of the American Fisheries Society, St. Louis, Missouri, 20–24 August 2000. PRESENTED
17. Modeling Lake Trout Recruitment in Lake Superior. 130th Annual Meeting of the American Fisheries Society, St. Louis, Missouri, 20–24 August 2000. PRESENTED
18. Spatial Dynamics of the Lake Superior Commercial Lake Trout Fishery, 1929–1961. 130th Annual Meeting of the American Fisheries Society, St. Louis, Missouri, 20–24 August 2000. PRESENTED
19. Catchability of Walleyes to Electrofishing in Northern Wisconsin Lakes. 131st Annual Meeting of the American Fisheries Society, Phoenix, Arizona, 19–23 August 2001. PRESENTED
20. Statistical Catch-at-Age Model for Lake Trout in Wisconsin Waters of Lake Superior. 131st Annual Meeting of the American Fisheries Society, Phoenix, Arizona, 19–23 August 2001. PRESENTED
21. A Food-Web Analysis of the Chequamegon Bay Fish Community. 63rd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, 9–12 December 2001. PRESENTED
22. Movements of Lake Trout in U.S. Waters of Lake Superior. 63rd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, 9–12 December 2001. PRESENTED
23. Statistical Catch-at-Age Model for Lake Trout in Wisconsin Waters of Lake Superior. 31st Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Wausau, Wisconsin, 15–17 January 2002. PRESENTED
24. A Food-Web Analysis of the Chequamegon Bay Fishery. 31st Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Wausau, Wisconsin, 15–17 January 2002. PRESENTED
25. Movements of Lake Trout in U.S. Waters of Lake Superior. 31st Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Wausau, Wisconsin, 15–17 January 2002. PRESENTED
26. Catchability of Adult Walleyes to Electrofishing in Northern Wisconsin Lakes. 31st Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Wausau, Wisconsin, 15–17 January 2002.
27. Effect of Mechanical Harvesting of Eurasian Watermilfoil on Angling for Bluegills in Fish Lake, Wisconsin. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
28. Use of a Mail Survey to Estimate Statewide Angler Harvest and Effort in Wisconsin. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
29. Relationships between Recapture Rates from Different Gears for Estimating Walleye Abundance in Northern Wisconsin. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
30. Statistical Catch-at-Age Model for Lake Trout in Wisconsin Waters of Lake Superior. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
31. A Food-Web Analysis of the Chequamegon Bay Fish Community. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, 18–22 August 2002. PRESENTED
32. Estimates of Natural Mortality in Walleye (*Stizostedion vitreum*) Populations in Northern Wisconsin. 3rd International Percid Fish Symposium, Madison, Wisconsin, 20–24 July 2003. PRESENTED
33. Evaluation of the Walleye (*Stizostedion vitreum*) Harvest Management System in the Wisconsin Ceded Territory. 3rd International Percid Fish Symposium, Madison, Wisconsin, 20–24 July 2003. PRESENTED
34. Evaluating Methods of Estimating Walleye Angling Exploitation in the Ceded Territory of Wisconsin. 64th Annual Midwest Fish and Wildlife Conference, Kansas City, Missouri, 7–10 December 2003. PRESENTED

35. Evaluation of Catchability and Seasonal Changes in Catch Rates of Five Wisconsin Game Fishes. 64th Annual Midwest Fish and Wildlife Conference, Kansas City, Missouri, 7–10 December 2003. PRESENTED
36. Evaluating Methods of Estimating Walleye Angling Exploitation in the Ceded Territory of Wisconsin. 33rd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Marinette, Wisconsin, 20–22 January 2004. PRESENTED
37. Density Dependence of Maturity and Fecundity of Walleyes from Big Crooked Lake, Wisconsin, 1997–2003. 33rd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Marinette, Wisconsin, 20–22 January 2004. PRESENTED
38. Evaluation of Catchability and Seasonal Changes in Catch Rates of Five Wisconsin Game Fishes. 33rd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Marinette, Wisconsin, 20–22 January 2004. PRESENTED
39. Evaluation of the Walleye (*Stizostedion vitreum*) Harvest Management System in the Wisconsin Ceded Territory. 33rd Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Marinette, Wisconsin, 20–22 January 2004. PRESENTED
40. Recruitment of Lake Trout in Western Lake Superior. Joint Annual Meeting of the Minnesota Chapters of the American Fisheries Society and the Society for Conservation Biology, 15–17 March 2004, St. Cloud, Minnesota. PRESENTED
41. Recruitment of Lake Trout in Western Lake Superior. 47th Annual Conference of the International Association for Great Lakes Research, University of Waterloo, Ontario, 24–26 May 2004. PRESENTED
42. Determining the Optimal Stocking Rate for Walleye using a Stock-Recruitment Relationship. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
43. Density Dependence of Walleye Maturity and Fecundity in Big Crooked Lake, Wisconsin, 1997–2003. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
44. Evaluation of Electrofishing Catchability of Five Wisconsin Game Fishes. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
45. Evaluating Methods of Estimating Walleye Angling Exploitation in the Ceded Territory of Wisconsin. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
46. Recruitment of Lake Trout in Minnesota and Wisconsin Waters of Lake Superior. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, 21–26 August 2004. PRESENTED
47. Walleye and Muskellunge Movement in the Manitowish Chain, Vilas County, Wisconsin. 65th Annual Midwest Fish and Wildlife Conference, Indianapolis, Indiana, 12–15 December 2004. PRESENTED
48. Modeling the Sustainability of Walleye Populations in Northern Wisconsin lakes. 34th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Onalaska, Wisconsin, 11–13 January 2005. PRESENTED
49. Walleye and Muskellunge Movement in the Manitowish Chain, Vilas County, Wisconsin. 34th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Onalaska, Wisconsin, 11–13 January 2005. PRESENTED
50. Walleye and Muskellunge Movement in the Manitowish Chain, Vilas County, Wisconsin. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, 11–15 September 2005. PRESENTED POSTER
51. Modeling the Sustainability of Walleye Populations in Northern Wisconsin lakes. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, 11–15 September 2005. PRESENTED
52. Effects of Predation and Gill-Net Fishing Effort on Lake Trout Recruitment in Wisconsin Waters of Lake Superior, 1981–2003. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, 11–15 September 2005. PRESENTED
53. Musky Movement in the Manitowish Chain, Vilas County, Wisconsin. Dr. Ed Crossman Muskellunge Symposium, Indianapolis, Indiana, 28–30 October 2005. PRESENTED
54. Modeling the Sustainability of Lake Trout Fisheries in Wisconsin Waters of Lake Superior. 35th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Dubuque, Iowa, 18–20 January 2006. PRESENTED
55. Walleye and Muskellunge Movement in the Manitowish Chain, Vilas County, Wisconsin. 35th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Dubuque, Iowa, 18–20 January 2006. PRESENTED
56. Predicting the Occurrence of Stunted Bluegill Populations from Features of Wisconsin Lakes. American Fisheries Society, North-Central Division, Centrarchid Technical Committee, Mid-Summer Meeting, Wyalusing State Park, Prairie du Chien, Wisconsin, 25–26 July 2006. PRESENTED
57. An Examination of the Relationship between Electrofishing Catch Rate and Trout Density in Wisconsin Streams. 136th Annual Meeting of the American Fisheries Society, Lake Placid, New York, 10–14 September 2006. PRESENTED
58. Modeling the Sustainability of Lake Trout Fisheries in Wisconsin Waters of Lake Superior. 136th Annual Meeting of the American Fisheries Society, Lake Placid, New York, 10–14 September 2006. PRESENTED
59. An Examination of the Relationship between Electrofishing Catch Rate and Trout Density in Wisconsin Streams. 36th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Milwaukee, Wisconsin, 9–11 January 2007. PRESENTED

60. Lake Trout Suppression in Lake Pend Oreille, Idaho: Will it Work? Invited presentation for the AFS Symposium, "Lake Trout Control and Native Fish – Churning New Water, or Just Circling the Drain?" 40th Annual Meeting of the Montana Chapter of the American Fisheries Society, Missoula, Montana, 14–16 February 2007. INVITED
61. Estimation of Early Century Lake Trout Biomass for Developing Restoration Targets. Invited Presentation for the AFS Symposium "Performance of Alternative Harvest Policies." 137th Annual Meeting of the American Fisheries Society, San Francisco, California, 2–6 September 2007. INVITED
62. Sustainability of Lake Trout Fisheries in Wisconsin Waters of Lake Superior. Invited Presentation for the AFS Symposium "Performance of Alternative Harvest Policies." 137th Annual Meeting of the American Fisheries Society, San Francisco, California, 2–6 September 2007. INVITED
63. Evaluation of Recovery Goals for Endangered White Sturgeon in the Kootenai River, Idaho, USA. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, 17–21 August 2008. PRESENTED
64. Lake Trout Recovery in Lake Superior: A Success of Coordinated Management. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, 17–21 August 2008. PRESENTED
65. Validation of True Age of Lake Sturgeon and Implications for Population and Harvest Management. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, 17–21 August 2008. PRESENTED
66. Life History Differentiation between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America. Invited Presentation for the AFS Symposium "Restless lake trout." 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, 17–21 August 2008. INVITED
67. Cisco Recruitment Dynamics in Lake Superior, 1978–2005. 69th Annual Midwest Fish and Wildlife Conference, Columbus, Ohio, 14–17 December 2008. PRESENTED
68. Muskellunge Recruitment Dynamics in Northern Wisconsin Lakes. 38th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Duluth, Minnesota, 2–4 February 2009. PRESENTED
69. Population Dynamics of Bull Trout in Lake Pend Oreille, Idaho. 38th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Duluth, Minnesota, 2–4 February 2009. PRESENTED
70. Cisco Recruitment Dynamics in Lake Superior, 1978–2005. 52nd Annual Conference on Great Lakes Research, International Association for Great Lakes Research, Toledo, Ohio, 18–22 May 2009. PRESENTED
71. Muskellunge Recruitment Dynamics in Northern Wisconsin Lakes. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, 30 August – 3 September 2009. PRESENTED
72. Population Dynamics of Bull Trout in Lake Pend Oreille, Idaho. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, 30 August – 3 September 2009. PRESENTED
73. Stocking for Rehabilitation of Burbot in the Kootenai River, Idaho, USA and British Columbia, Canada. 3rd International Burbot Symposium, International Congress on the Biology of Fishes Conference, Barcelona, Spain, 6–9 July 2010. PRESENTED
74. Effect of Varying Levels of Harvest Mortality on Muskellunge Size Structure. Joint Meeting of the Centrarchid, Esocid and Walleye Technical Committees of the North-Central Division of the American Fisheries Society, La Crosse, Wisconsin, July 28–29. PRESENTED
75. Effect of Varying Levels of Harvest Mortality on Muskellunge Size Structure. Muskellunge Team Meeting, Wisconsin Department of Natural Resources, Kemp Natural Resource Station, Woodruff, Wisconsin, 24 August 2010. PRESENTED
76. Simulated Equilibrium Walleye Densities under Dynamic and Constant Recreational Angler Effort in Northern Wisconsin. 140th Annual Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, 12–16 September 2010. PRESENTED
77. Simulated Equilibrium Walleye Population Density under Static and Dynamic Recreational Angling Effort. 140th Annual Meeting, American Fisheries Society. 12–16 September 2010, Pittsburgh, Pennsylvania. PRESENTED
78. Age and Growth of Muskellunge in Wisconsin's Ceded Territory. 71st Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, 12–15 December 2010. PRESENTED
79. Age and Growth of Muskellunge in Wisconsin's Ceded Territory. 40th Annual Meeting of the Wisconsin Chapter of the American Fisheries Society, Stevens Point, Wisconsin, 31 January – 2 February 2011. PRESENTED
80. Is Recruitment Overfishing Common in Freshwater Recreational Fisheries? 6th World Recreational Fishing Conference, 1–4 August 2011, Berlin, Germany. PRESENTED
81. Effects of Harvest Mortality on Muskellunge Size Structure in Wisconsin's Ceded Territory. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4 – 8 September 2011. PRESENTED
82. Assessment of Lake Trout Refuge Effects on Fish Community Trends in Western Lake Superior. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4 – 8 September 2011. PRESENTED
83. Growth Potential of Muskellunge in Northern Wisconsin. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4 – 8 September 2011. PRESENTED POSTER

84. Using Dorsal Spines to Estimate Percid Age: Are All Spines Created Equal? 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, 4 – 8 September 2011. PRESENTED POSTER
85. Expanding from Marine to Freshwater Protected Area Assessments: A Case Study Evaluation of Lake Trout Refuges in Lake Superior. 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. PRESENTED
86. Comparing Time and Distance Effort in Electrofishing Catch-per-Unit-Effort. 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. PRESENTED
87. Investigating Interactions between Walleye and Black Bass in Northern Wisconsin Lakes. 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. PRESENTED
88. Demography of Native and Non-Native Lake Trout Populations: Informing Suppression or Restoration Management Actions. Invited Presentation for the AFS Symposium, "Lake Trout East and West: What can be Learned by Comparing Lake Trout Restoration in the Eastern USA to Lake Trout Suppression in the Western USA?" 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. INVITED
89. Role of External Peer Review in Supporting Invasive Species Suppression Efforts. Invited Presentation for the AFS Symposium, "Lake Trout East and West: What can be Learned by Comparing Lake Trout Restoration in the Eastern USA to Lake Trout Suppression in the Western USA?" 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. INVITED
90. The Effects of Large-Scale Lake Trout Suppression Efforts in Lake Pend Oreille, Idaho. Invited Presentation for the AFS Symposium, "Lake Trout East and West: What can be Learned by Comparing Lake Trout Restoration in the Eastern USA to Lake Trout Suppression in the Western USA?" 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. PRESENTED
91. The Role of Lake Trout as a Keystone Species in the Recovery of Native Fish Community of Lake Superior. Invited Presentation for the AFS Symposium, "Lake Trout East and West: What can be Learned by Comparing Lake Trout Restoration in the Eastern USA to Lake Trout Suppression in the Western USA?" 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012. PRESENTED
92. Modeling the Lake-Wide Sustainability of Lake Trout Stocks in Lake Superior. 73rd Midwest Fish and Wildlife Conference, Wichita, Kansas, 9–12 December 2012. PRESENTED POSTER
93. Evaluating Future Need of the Gull Island Shoal Lake Trout Refuge in Lake Superior. 73rd Midwest Fish & Wildlife Conference, Wichita, Kansas, 9–12 December 2012. PRESENTED POSTER
94. The Effectiveness of Gull Island Shoal, Lake Superior, as a Lake Trout Refuge. 73rd Midwest Fish & Wildlife Conference, Wichita, Kansas, 9–12 December 2012. PRESENTED
95. Utility of Minimum-Length Limits to Prevent Recruitment Overfishing while Considering Dynamic Angling Effort Patterns. 2013 Annual Meeting, Georgia Chapter of the American Fisheries Society, 22–24 January 2013, Jekyll Island, Georgia. PRESENTED
96. Utility of Minimum-Length Limits to Prevent Recruitment Overfishing while Considering Dynamic Angling Effort Patterns. 33rd Annual Meeting, Florida Chapter of the American Fisheries Society, 19–21 February 2013, Ocala, Florida. PRESENTED
97. Modeling the Lake-Wide Sustainability of Lake Trout Stocks in Lake Superior. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, 8–12 September 2013. PRESENTED
98. Evaluating Future Need of the Gull Island Shoal Lake Trout Refuge in Lake Superior. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, 8–12 September 2013. PRESENTED
99. Evaluating Future Need of the Gull Island Shoal Lake Trout Refuge in Lake Superior. 144th Annual Meeting of the American Fisheries Society, Quebec City, Quebec, 17–21 August 2014. PRESENTED
100. Modeling the Lake-Wide Sustainability of Lake Trout Stocks in Lake Superior. 144th Annual Meeting of the American Fisheries Society, Quebec City, Quebec, 17–21 August 2014. PRESENTED
101. Muir, A.M., **M.J. Hansen**, C.R. Bronte, and C.C. Krueger. 2015. If Arctic Charr *Salvelinus alpinus* is "the most diverse vertebrate," what is the Lake Charr *Salvelinus namaycush*? 8th International Charr Symposium, Tromsø, Norway, 14-18 June 2015. PRESENTED
102. Binder, T.R., S.C. Riley, C.M. Holbrook, **M.J. Hansen**, R.A. Bergstedt, M. Ebener, C.R. Bronte, J. He, and C.C. Krueger. 2015. Spawning site fidelity of wild and hatchery lake trout in northern Lake Huron, North America. 8th International Charr Symposium, Tromsø, Norway, 14-18 June 2015. PRESENTED
103. Farha, S.A., T.R. Binder, J. Janssen, C.R. Bronte, **M.J. Hansen**, and C.C. Krueger. 2015. Atypical spawning habitat use by lake trout in the Drummond Island Refuge, Lake Huron. 8th International Charr Symposium, Tromsø, Norway, 14-18 June 2015. PRESENTED

104. N.A. Nate, **M.J. Hansen**, L. Chavarie, A.M. Muir, M.S. Zimmerman, and C.C. Krueger. 2015. Life History Differences between Lean and Fat Lake Trout *Salvelinus namaycush* morphs from Great Slave Lake, Canada, North America. 8th International Charr Symposium, Tromsø, Norway, 14-18 June 2015. PRESENTED
105. Chavarie, L., A.M. Muir, **M. Hansen**, S. Baillie, M. Zimmerman, C. Krueger, and P. Bentzen. 2015. Polymorphism in Great Bear Lake (NT, Canada) and Rush Lake (Michigan, USA): expanding the current model of lake charr diversification. 8th International Charr Symposium, Tromsø, Norway, 14-18 June 2015. PRESENTED
106. Chavarie, L., A.M. Muir, **M. Hansen**, S. Baillie, M. Zimmerman, C. Krueger, and P. Bentzen. 2015. Co-existence of shallow- and deep-water lake charr morphs in a small postglacial lake challenges the model for lake charr evolution. 145th Annual Meeting of the American Fisheries Society, Portland, Oregon, 16-20 August 2015. PRESENTED
107. Farha, S.A., T.R. Binder, J. Janssen, S. Riley, J. E. Marsden, **M.J. Hansen**, C.R. Bronte, and C.C. Krueger. 2016. Lake trout spawning habitat selection in the Drummond Island Refuge: paradigm or paradox? 76th Midwest Fish & Wildlife Conference, Grand Rapids, Michigan, 24-27 January 2016. PRESENTED
108. Schaeffer, J., M. Vinson, and **M. Hansen**. 2016. Great Lakes Science Center: a history of adaptation to a fluid world. 76th Midwest Fish & Wildlife Conference, Grand Rapids, Michigan, 24-27 January 2016. PRESENTED
109. Faust, M. D., and **M. J. Hansen**. 2016. Do observed levels of exploitation from consumption-oriented and trophy-oriented fisheries reduce relative stock densities of muskellunge below target levels in northern Wisconsin? 3rd International Muskellunge Symposium, Minnetonka, Minnesota, 13–15 March 2016. PRESENTED
110. Schill, D., J. Heindel, M. Campbell, K. Meyer, **M. Hansen**, and L. Mamer. 2016. Development and Simulated Use of a YY Male Brook Trout Broodstock for Potential Eradication of Undesired Brook Trout Populations. Annual Meeting of the Western Division of the American Fisheries Society, Reno, Nevada, 21–24 March 2016. PRESENTED
111. Hoffmann, J., A. Muir, M. Vinson, C. Krueger, C. Bronte, L. Loseto, **M. Hansen**, L. Baker, S. Sitar, and H. Swanson. 2016. Trophic ecology of four morphs of Lake Trout in Lake Superior. International Association for Great Lakes Research, 59th Annual Conference on Great Lakes Research, Guelph, Ontario, 6–10 June 2016. POSTER
112. Schill, D. J., K. A. Meyer, and **M. J. Hansen**. 2017. Effects of YY-Male Stocking and Manual Suppression for Eradication of Non-Native Brook Trout Populations. 2017 Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, 1–3 March 2017. PRESENTED
113. Johnson, N. S., **M. J. Hansen**, and D. Zielinski. 2017. A new laboratory flume facility to study migratory fishes of the Great Lakes Basin. International Conference on Engineering and Ecohydrology for Fish Passage, Corvallis, Oregon, 19-21 June 2017. PRESENTED
114. Rook, B. J., **M. J. Hansen**, and C. R. Bronte. 2017. Can Recruitment Rates of Contemporary Cisco Stocks Support Historical Levels of Yield in Lake Superior? 13th International Coregonid Symposium, Bayfield, Wisconsin, 10–15 September 2017. PRESENTED
115. Kennedy, P., D. J. Schill, K. A. Meyer, M. R. Campbell, N. Vu, and **M. J. Hansen**. 2017. Survival and Reproductive Success of YY Male Brook Trout Stocked in Idaho Streams. Wild Trout XII: science, politics, and wild trout management: who's driving and where are we going? Wild Trout Symposium, West Yellowstone, Montana, September 26–29, 2017. PRESENTED
116. Dux, A., M. Corsi, and **M. Hansen**. 2018. Response to a Decade of Lake Trout Suppression in Lake Pend Oreille, Idaho. 36th Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, 27 February – 2 March 2018. PRESENTED
117. Corsi, M., **M. Hansen**, M. Quist, and D. Schill. 2018. Top Down and Bottom Up Influences on Kokanee Population Dynamics in Lake Pend Oreille, Idaho. 36th Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, 27 February – 2 March 2018. PRESENTED
118. Chavarie, L., K. Howland, L. Harris, C. Gallagher, **M. Hansen**, W. Tonn, A. Muir, C. Krueger. 2018. Trophic variation within a piscivorous lake trout morph from Great Bear Lake, Canada: The initial step toward ecological specialization? 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. PRESENTED
119. Dux, A., M. Corsi, **M. Hansen**. 2018. Response to a decade of nonnative lake charr suppression in Lake Pend Oreille, Idaho. 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. PRESENTED
120. Corsi, M., **M. Hansen**, M. Quist, D. Schill. 2018. Influences of Lake Charr and Mysids on kokanee population dynamics in Lake Pend Oreille, Idaho. 9th International Charr Symposium, Duluth, Minnesota, 18–21 June 2018. POSTER
121. Rook, B. J., M. J. Hansen, C. A. Goldsworthy, B. A. Ray, O. T. Gorman, and D. L. Yule. 2019. Comparison of historical and contemporary cisco stocks in Lake Superior: can historical yields be explained by contemporary recruitment and abundance? Annual Meeting of the Lake Superior Committee, Ypsilanti, Michigan, 25–29 March 2019. PRESENTED

RESEARCH GRANTS (TOTAL FUNDING = \$4,911,915):

1. Evaluation of Prey Fish Communities in the Great Lakes as Indicators of Ecosystem Health. U. S. Environmental Protection Agency, Environmental Research Laboratory, Duluth, MN. 1 September 1993 – 31 August 1994. \$70,000.
2. Prey Fish Communities in the Great Lakes: A Comparison of Two Survey Methods. U. S. Environmental Protection Agency, Environmental Research Laboratory, Duluth, MN. 1 September 1994 – 31 October 1995. \$70,000.
3. Evaluation of Fish Indicators for the Great Lakes. U.S. Environmental Protection Agency, Environmental Research Laboratory, Duluth, MN. 1 July 1995 – 30 September 1996. \$80,000.
4. Effects of Macrophyte Removal on the Fishery for Predator and Prey Fishes in Fish Lake, Dane County, Wisconsin. Wisconsin Department of Natural Resources. 1 September 1996 – 31 August 1998. \$42,420.
5. Modeling the Effects of Angling and Spearing Exploitation on Walleye Populations in Northern Wisconsin Lakes. Wisconsin Department of Natural Resources. 1 September 1996 – 31 August 1998. \$43,681.
6. Lake Trout Movement in the Sturgeon Bay Biota Box. U. S. Fish and Wildlife Service and Environmental Protection Agency. 10 November 1997 – 30 September 1999. \$15,246 (\$60,032 total project cost).
7. Causes and Impediments of Lake Trout Recovery in Lake Superior (R/LR-77). University of Wisconsin Sea Grant College Program. 1 March 1998 – 28 February 2001. \$114,705.
8. Development of a Lake-Wide Lake Trout Population Model for Lake Superior: Database Standardization and Spatial Characterization. U. S. Fish and Wildlife Service Great Lakes Restoration Act. 1 September 1999 – 31 December 2002. \$44,000.
9. Fish Communities of the Laurentian Great Lakes: The SCOL Tradition Revisited for the 20th Century. Great Lakes Fishery Commission. 1 September 1998 – 31 December 2003. \$117,120.
10. Developing an Age-Structured Population Model for Lake Trout in Lake Superior (R/LR-84). University of Wisconsin Sea Grant College Program. 1 March 2001 – 28 February 2004. \$129,679.
11. Developing a Survey to Estimate Statewide Angler Harvest in Wisconsin. Wisconsin Department of Natural Resources. 1 September 1999 – 30 June 2004. \$207,639.
12. Modeling the Effects of Angling and Spearing Exploitation on Walleye Populations in Northern Wisconsin Lakes. Wisconsin Department of Natural Resources. 1 January 2003 – 30 June 2005. \$88,000.
13. Walleye and muskellunge movement in northern Wisconsin lake chains. Wisconsin Department of Natural Resources. 1 September 2003 – 30 August 2005. \$56,120.
14. Multi-State Aquatic Resources Inventory System: Wisconsin Lake and Stream Summary Datasets. American Fisheries Society and AFS Computer Users Section. 1 July 2005 – 31 December 2005. \$38,010.
15. Sustainability of Lake Trout Fisheries in Lake Superior (R/LR-95). University of Wisconsin Sea Grant College Program. 1 March 2004 – 28 February 2007. \$169,867.
16. Estimating Lake-Wide Abundance of Lean Lake Trout in Lake Superior. Great Lakes Fishery Commission. 1 April 2006 – 31 May 2007. \$5,600.
17. Effects of Non-Native Fish Species on Aquatic Communities of Idaho Lakes. Avista Utilities. 1 June 2006 – 1 June 2007. \$35,700.
18. Population Dynamics of Lake Whitefish in Lake Pend Oreille, Idaho. Idaho Department of Fish and Game. 1 September 2005 – 31 August 2007. \$72,000.
19. Lake Sturgeon Population Modeling Consultation. Wisconsin Department of Natural Resources. 1 July 2006 – 30 June 2008. \$6,000.
20. GAP Analysis Program: A Search for New Paradigms to Guide Future Research. U.S. Geological Survey. 7 September 2004 – 30 September 2008. \$120,000.
21. Lake Herring Recruitment Dynamics in Lake Superior. Great Lakes Fishery Commission. 1 January 2006 – 31 December 2008. \$137,095.
22. Fishery Database Programmer Proposal: Establishing Expectations and Management Goals for Wisconsin Fisheries. Wisconsin Department of Natural Resources. 1 July 2006 – 30 June 2009. \$318,181.
23. Fish Species Interactions in Lake Pend Oreille, Idaho. Avista Utilities. 1 September 2007 – 31 August 2009. \$57,834.
24. Partial Buy-Out of Teaching Responsibilities. Great Lakes Fishery Commission. 1 June 2008 – 30 September 2012. \$163,599.
25. Fisheries Analysis Center. Wisconsin Department of Natural Resources. 1 July 2009 – 30 June 2013. \$721,318.
26. Treaty Fishery Data Analysis: Evaluation of Fisheries Management Methods in Northern Wisconsin. Wisconsin Department of Natural Resources. 1 March 1999 – 30 June 2013. \$1,158,675.

27. Lake-Wide Sustainability of Lake Trout Stocks in Lake Superior (R/FI-2). University of Wisconsin Sea Grant College Program. 1 March 2008 – 31 August 2014. \$303,178.
28. Effectiveness of a Lake Trout Refuge at Gull Island Shoal, Lake Superior. Great Lakes Fishery Commission Fishery Research Program. 1 January 2011 – 31 August 2014. \$60,186.
29. Effectiveness of a Lake Trout Refuge at Gull Island Shoal, Lake Superior (R/SFA-4). University of Wisconsin Sea Grant College Program. 1 February 2011 – 31 August 2014. \$219,375.
30. Life History Differentiation between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America. Great Lakes Fishery Commission. 1 January 2007 – 31 December 2016. \$69,325.
31. Can Contemporary Cisco Stocks Support Historical Levels of Yield in Lake Superior? Great Lakes Fishery Commission. 1 January 2016 – 31 December 2018. \$130,000.
32. How many Cisco should be stocked, and at what life stage? Great Lakes Restoration Initiative, US Geological Survey. 1 January 2017 – 31 December 2018. \$53,040.
33. Are Cisco and Lake Whitefish Competitors in the Great Lakes? Implications for Future Reintroduction Efforts. Great Lakes Restoration Initiative, US Geological Survey. 1 January 2018 – 31 December 2019. \$51,988.

GRADUATE STUDENT THESES AND DISSERTATIONS:***Major Advisor (29 completed):***

1. Unmuth, J. M. L. 1998. Effects of aquatic plant manipulation on angling and fish in Fish Lake, Dane County, Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 76 pages.
2. Newby, J. R. 1999. Angler catch rates and factors affecting growth of walleye in Escanaba Lake, Vilas County, Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 121 pages.
3. Schmalz, P. J. 1999. Movements of adult lake trout tagged in northwestern Lake Michigan. Master's thesis, University of Wisconsin–Stevens Point. 67 pages.
4. Wilberg, M. J. 2000. Historic and modern lake trout abundance, effects of fishing on lake trout, and dynamics of the commercial lake trout fishery in Michigan waters of Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 129 pages.
5. Doemel, J. M. 2000. Dynamics of lake trout recruitment in Michigan waters of Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 68 pages.
6. Rogers, M. W. 2002. An evaluation of walleye survey methods in the ceded territory of northern Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 108 pages.
7. Devine, J. A. 2002. A food web analysis of the fishery in Chequamegon Bay, Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 133 pages.
8. Kapuscinski, K. L. 2002. Movements of lake trout in U. S. Waters of Lake Superior during 1973–2001. Master's thesis, University of Wisconsin–Stevens Point. 61 pages.
9. Linton, B. C. 2002. Population dynamics of a recovering lake trout population in Wisconsin waters of Lake Superior, 1980–2001. Master's thesis, University of Wisconsin–Stevens Point. 62 pages.
10. McClanahan, D. R. 2003. A statewide mail survey to estimate 2000–2001 angler catch, harvest and effort in Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 98 pages.
11. Schoenebeck, C. W. 2004. An evaluation of catchability and changes in seasonal catch rates of five Wisconsin game fishes. Master's thesis, University of Wisconsin–Stevens Point. 68 pages.
12. Deroba, J. J. 2004. Evaluating methods of estimating walleye angling exploitation in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 116 pages.
13. Corradin, L. M. 2004. Recruitment and growth dynamics of lake trout in western Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 117 pages.
14. Fayram, A. H. 2005. Walleye stocking in Wisconsin lakes: species interactions, changes in angler effort, optimal stocking rates, and effects on community maturity. Doctoral dissertation, University of Wisconsin–Milwaukee. 132 pages.
15. Schueller, A. M. 2005. Modeling the sustainability of walleye populations in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 79 pages.
16. Nieland, J. L. 2006. Modeling the sustainability of lake trout fisheries in eastern Wisconsin waters of Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 55 pages.
17. Weeks, J. G. 2006. Walleye and muskellunge movement in the Manitowish Chain, Vilas County, Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 50 pages.

18. Bergman, P. S. 2007. Relationships between electrofishing catch rate and trout density in Wisconsin streams. Master's thesis, University of Wisconsin–Stevens Point. 70 pages.
19. Hosack, M. A. 2007. Population dynamics of lake whitefish in Lake Pend Oreille, Idaho. Master's thesis, University of Wisconsin–Stevens Point. 174 pages.
20. Hurt, J. M. 2007. Predicting the occurrence of stunted bluegill populations from Wisconsin lake features. Master's thesis, University of Wisconsin–Stevens Point. 80 pages.
21. Bruch, R. M. 2008. Modeling the population dynamics and sustainability of lake sturgeon in the Winnebago system, Wisconsin. Doctoral dissertation, University of Wisconsin–Milwaukee. 247 pages.
22. Rook, B. J. 2009. Cisco recruitment dynamics in Lake Superior during 1978–2007. Master's thesis, University of Wisconsin–Stevens Point. 190 pages.
23. Caspers, T. S. 2010. Muskellunge recruitment dynamics in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 108 pages.
24. Faust, M. D. 2011. Effect of harvest mortality on muskellunge size structure in Wisconsin's ceded territory. Master's thesis, University of Wisconsin–Stevens Point. 80 pages.
25. Repp, A. J. 2012. Investigating interactions between walleye and black bass in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 78 pages.
26. McCubbins, J. L. 2013. Population dynamics of bull trout in Lake Pend Oreille, Idaho. Master's thesis, University of Wisconsin–Stevens Point. 48 pages.
27. Akins, A. L. 2014. Efficacy of the Gull Island Shoal lake trout refuge in Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 55 pages.
28. Johnson, M. J. 2014. Effectiveness of the Gull Island refuge for lake trout in Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 46 pages.
29. Schmidt, L. L. 2014. Effect of movement on lake-wide sustainability of lake trout stocks in Lake Superior. Master's thesis, University of Wisconsin–Stevens Point. 46 pages.

Committee Member (16 completed):

1. TeWinkel, Leslie Michelle. 1998. The vertical migration of adult bloater characteristics, limits and causes. Doctoral dissertation, University of Michigan, Ann Arbor. 101 pages.
2. Nate, Nancy A. 1999. Predicting walleye presence, reproduction, and abundance in northern Wisconsin lakes. Master's thesis, University of Wisconsin – Stevens Point. 123 pages.
3. Johnson, J. M. 1999. Modeling walleye year-class strength from age-0 catch rates in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 144 pages.
4. Short, P. 2001. A quantitative assessment of spawning habitat for smallmouth bass in northern Wisconsin lakes. Master's thesis, University of Wisconsin–Stevens Point. 87 pages.
5. Brashear, K. E. 2006. Bird species–habitat relationships in managed northern hardwoods on the Ottawa National Forest. Master's thesis, University of Wisconsin–Stevens Point. 66 pages.
6. Riedel, B. L. 2006. Habitat relationships of red-backed salamanders in Appalachian grazing systems. Master's thesis, University of Wisconsin–Stevens Point. 76 pages.
7. VanDeHey, J. A. 2007. Genetic structure among Lake Michigan's lake whitefish spawning aggregates. Master's thesis, University of Wisconsin–Stevens Point. 118 pages.
8. Schindler, K. D. M. 2008. Life history attributes of black bears (*Ursus americanus*) in northern Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 61 pages.
9. Zolkowski, S. B. 2008. Habitat relationships of bird communities in Wisconsin peatlands. Master's thesis, University of Wisconsin–Stevens Point. 168 pages.
10. Hamilton, C. M. 2009. Home range size and habitat selection of timber rattlesnakes (*Crotalus horridus*) in southwestern Wisconsin. Master's thesis, University of Wisconsin–Stevens Point. 74 pages.
11. Proctor, M. E. 2009. Genetic identification of simulated lake trout from Lake Michigan: efficacy of genetic algorithms to determine cross-strain hybrids based on available genetic data. Master's thesis, University of Wisconsin–Stevens Point. 128 pages.
12. Veverka, K. S. 2011. Habitat relationships of avian and bat species assemblages within managed pine forests of the Great Lakes. Master's thesis, University of Wisconsin–Stevens Point. 102 pages.
13. Zuccarino-Crowe, Chiara M. 2011. Assessment of lake trout refuge effects on trends in relative abundance of select native fish species in the Apostle Islands region, Lake Superior. Master's thesis, Fisheries and Wildlife, Michigan State University.

14. Piispanen, J. N. 2012. Depredation patterns and nest success for bobwhite and songbird populations on field borders in North Carolina. Master's thesis, University of Wisconsin–Stevens Point. 52 pages.
15. Mahoney, K. R. 2013. Woodland salamander responses to silvicultural practices within Appalachian mixed-oak forests. Master's thesis, University of Wisconsin–Stevens Point. 174 pages.
16. Hutchinson, K. B. 2013. Avian responses to residual tree retention in managed pine forests of the lakes states region. Master's thesis, University of Wisconsin–Stevens Point. 107 pages.

TEACHING:

1. **Introduction to Fishery, Forestry, and Wildlife Resources (Natural Resources 250):** 4 credits (3 hours lecture + 2 hours lab per week). [Lecture = 2,268 total students @ 151/semester; Lab = 435 total students @ 29/semester]. The course provided an integrated introduction to principles and practices of fisheries, forestry, and wildlife management, including production of goods and services while maintaining ecosystem integrity and functions, and coverage of contemporary issues. I taught this course with a wildlife ecologist and forest economist in spring and fall semesters each year from fall 1999 through spring 2008. We were each responsible for 1/3 of the 45 lectures in our areas of expertise. My lectures introduced students to the history of fishery management in North America, principles of fishery science, and basic practices of fishery management, including fish population manipulation, aquatic habitat manipulation, and fishery regulation. I also taught 1–2 laboratory sections each semester, which supplemented material introduced in the lectures.
2. **Field Techniques in Forestry, Soils, Water, and Wildlife (Natural Resources 385):** 2 credits. [357 total students @ 51/session]. The course introduced students to field techniques used to manage and evaluate forest, soil, water, and wildlife resources. I taught the water portion of this course at the Central Wisconsin Environmental Station each summer during 2002–2006 and 2010–2011, for students enrolled in the European environmental studies seminar and students enrolled in majors that did not require summer camp.
3. **Graduate Seminar in Fisheries & Wildlife (Natural Resources 794/795):** 1 credit. [75 total students @ 19/semester]. The course taught presentation skills to graduate students in fisheries and wildlife for their thesis research proposal (1st seminar) and thesis research results (2nd seminar), in addition to selected topics in scholarship that varied each semester. I served as lead instructor of this section from fall semester 2009 through spring semester 2011.
4. **Introduction to Water Resources (Water 180):** 3 credits (2 hours lecture + 2 hours lab per week). [Lecture = 861 total students @ 172/semester; Lab = 209 students @ 42/semester]. The course introduced students to surface and subsurface water resources, and their economic and social importance, control and conservation. I served as the principal lecturer for this course from fall semester 1996 through fall semester 1998, before the curriculum was changed into new integrated courses (see NRES 250). I also taught two laboratory sections each semester, which supplemented material introduced in the lectures.
5. **Wildlife and Fish Population Dynamics (Water/Wildlife 353/553):** 3 credits (3 hours lecture per week). [432 total students @ 43/semester]. The course introduced students to mathematical, ecological, physiological, and behavioral characteristics of fish and wildlife population dynamics, use of models for describing fluctuations, and techniques for sampling, monitoring, and modeling survival, growth, reproduction, and population size. I taught this course with a wildlife or fisheries ecologist each semester from fall 2001 through spring 2011. We were each responsible for one-half of the lectures (21 lectures). I introduced the course and basic principles of mathematics and statistics, models for estimating abundance, mortality, growth, recruitment, and yield, and how models of population dynamics are used to manage fish and wildlife resources.
6. **Wildlife and Fish Population Dynamics Methods (Water/Wildlife 354/554):** 1 credit (2 hours lab per week). [144 total students @ 14/semester]. The course introduced students to computer methods for modeling dynamics of fish and wildlife populations, including abundance, survival, growth, and reproduction (recruitment). I taught this course each semester from fall 2001 through spring 2011 as a companion to wildlife and fish population dynamics (Water/Wildlife 353/553). I taught one lab section (14 lab exercises) each semester, to complement material covered in the lecture course.
7. **Field Experience in Aquatic Ecosystem Evaluation (Water 380):** 1 credit. The course introduced field methods of fishery, limnology, and hydrology evaluation, including lake and stream inventory and evaluation for integrated resource management. I taught this course at the Treehaven field station as part of the CNR summer program during 1997–2000. During each session, I taught a 3-week sequence during the overall 6-week session.
8. **Fisheries Research (Water 483/683):** 3 credits (2 hours lecture + 2 hours lab per week). [202 total students @ 14/semester]. The course introduced students to field and laboratory fishery research, including principles of designing

research projects, testing hypotheses, sampling fish, analyzing fishery data, reporting results in oral and written forms, and defending research. I taught this course in fall semesters 1996–2010.

9. **Fisheries Management (Water 484/684):** 3 credits (2 hours lecture + 2 hours lab per week). [265 total students @ 19/semester]. The course introduced students to principles of assessment and management of aquatic habitats, fish populations, and human users, as they influence production of fish in inland waters. I taught this course in spring semesters 1997–2011.
10. **Advanced Studies in Fish Management (Water 784):** 3 credits (2 hours lecture + 2 hours lab per week). [31 total students @ 5/semester]. The course integrated courses in fish population dynamics, fishery research, and fishery management, including analysis of fish abundance, recruitment, growth, survival, and production to determine limiting factors and to prescribe management actions using advanced methods of statistical analysis, including advanced general linear models (major axis regression, analysis of covariance, multiple linear regression) and nonlinear models (fitting procedures, likelihood-ratio tests, variance assumptions; statistical catch-age and cohort analysis). I taught this course in spring semesters 1999, 2001, 2004, 2006, and 2008.

HONORS & AWARDS:

1. Admitted to Xi Sigma Pi, Alpha Xi Chapter, Natural Resources Honor Society, for academic achievement, 9 April 1978.
2. Earned Semester Highest Honors each term while attending the University of Wisconsin at Stevens Point from Fall 1976 through Spring 1979.
3. Graduated first in class with Highest Honors from the University of Wisconsin at Stevens Point, 18 May 1979.
4. Received Student Award of Merit in the Northeast Division of the American Fisheries Society, April 12–15, 1982.
5. Certified as a Fisheries Scientist by the American Fisheries Society, Board of Professional Certification, 22 November 1988.
6. Received Exceptional Performance Award for 1988 in the Wisconsin Department of Natural Resources, Bureau of Fisheries Management, Annual Meeting, February 28 – March 2, 1989.
7. Received Honorable Mention for the Presentation entitled, Causes of Declining Survival of Lake Trout Stocked in U.S. Waters of Lake Superior, at the 56th Midwest Fish and Wildlife Conference, Indianapolis, Indiana, 4–7 December 1994.
8. Received Performance Awards each performance year while working at the Great Lakes Science Center, National Biological Service, from 1 July 1991, through 30 June 1995.
9. Admitted as Member of the American Institute of Fishery Research Biologists, Membership Committee, 30 August 1995.
10. Received The James W. Moffett Publication Award for the outstanding scientific paper published in 1994 among all researchers at the Great Lakes Science Center, National Biological Service, December 29, 1995.
11. Received Special Award of Merit from the Great Lakes Fishery Commission, in recognition of the successful restoration of lake trout in Lake Superior to self-sustainability, an outstanding example of foresight, dedication, and commitment to fishery conservation, at its Annual Meeting, June 3, 1996.
12. Received The James W. Moffett Publication Award for the outstanding scientific paper published in 1996 among all researchers at the Great Lakes Science Center, National Biological Service, November 17, 1997.
13. Received the College of Natural Resources Scholar Award for outstanding contributions in scholarship to the University of Wisconsin – Stevens Point, 2000.
14. Received the University Scholar Award for outstanding contributions in scholarship to the University of Wisconsin – Stevens Point, 2000.
15. Certified as a Fisheries Professional by the American Fisheries Society, Board of Professional Certification, September 10, 2001.
16. Received the Award for the Best Professional Presentation entitled, Population Dynamics of Lake Trout in Lake Pend Oreille, Idaho, at the 2007 Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, 21–23 February 2007.
17. Received the Meritorious Service Award from the North Central Division of the American Fisheries Society, Milwaukee, Wisconsin, 10 December 2007.
18. Received the Excellence in Fisheries Education Award from the Education Section of the American Fisheries Society, Nashville, Tennessee, 1 September 2009.
19. Received the University Scholar Award for outstanding contributions in scholarship to the University of Wisconsin – Stevens Point, 2011.
20. Received the Best Publication Award for the 2011 Volume of the North American Journal of Fisheries Management. 142nd Annual Meeting of the American Fisheries Society, Twin Cities, Minnesota, 19–23 August 2012.

21. Received the 2017 Jack Christie – Ken Loftus Award for Distinguished Scientific Contributions toward Understanding Healthy Great Lakes Ecosystems. 62nd Annual meeting of the Great Lakes Fishery Commission, Duluth, Minnesota, 7 June 2017.
22. Received the Excellence in Fisheries Management Award from the Fish Management Section of the American Fisheries Society, Virtual Business Meeting, 9 September 2020.

PROFESSIONAL SERVICE:***Editorial and Board Service:***

- Coeditor, North American Journal of Fisheries Management, 1997–2011. I reviewed and edited more than 1,281 manuscripts, including a thorough evaluation of the technical merits of the research and a complete technical edit of the manuscript.
- Associate Editor, North American Journal of Fisheries Management, 1996-1997.
- Member, Education Committee, Board of Professional Certification, American Fisheries Society, 1999–2002. I reviewed the academic credentials of 142 applicants who sought professional certification by the American Fisheries Society, including a thorough evaluation of the academic training of the candidate, as related to the standards for certification.

Offices and Committees:

- Past-President, Wisconsin Chapter of the American Fisheries Society, 2000.
- Best Presentation Award Committee, 129th Annual AFS Meeting, 1999.
- Best Student Poster Award Committee, 129th Annual AFS Meeting, 1999.
- Session Moderator, 129th Annual AFS Meeting, 1999.
- President, Wisconsin Chapter of the American Fisheries Society, 1999.
- President-elect, Wisconsin Chapter of the American Fisheries Society, 1998.
- Best Student Paper Award Chairperson, 59th Midwest Fish and Wildlife Conference, 1997.
- AFS Nominating Committee nominee, American Fisheries Society, 1995.
- Fisheries Program Co-Chair, 57th Midwest Fish and Wildlife Conference, 1995.
- Session Organizer and Chair, 57th Midwest Fish and Wildlife Conference, 1995.
- Board of Directors nominee, International Association for Great Lakes Research, 1994.
- Genetics Committee, North Central Division, American Fisheries Society, 1990-1991.
- North Central Division Representative, Fisheries Management Section, American Fisheries Society, 1988-1989.
- Session Organizer and Chair, 49th Midwest Fish and Wildlife Conference, 1987.
- Secretary-Treasurer, Cornell Chapter, American Fisheries Society, 1980-1981.

Memberships:

- American Fisheries Society
 - Equal Opportunities Section
 - Fisheries Management Section
 - Education Section
- American Institute of Fishery Research Biologists
- International Association for Great Lakes Research
- Sigma Xi Scientific Research Society
- Xi Sigma Pi Natural Resources Honor Society, Alpha Xi Chapter

Journal Reviewer:

- American Midland Naturalist
- Canadian Journal of Fisheries and Aquatic Sciences
- Fisheries (Bethesda)
- Fishery Bulletin
- Journal of Great Lakes Research
- Marine and Freshwater Research
- North American Journal of Fisheries Management
- Transactions of the American Fisheries Society

Proposal Reviewer:

- Great Lakes Research Consortium
- Lake Michigan Fisheries Trust
- Michigan Sea Grant College Program
- National Sea Grant College Program
- U.S. Geological Survey Water Resources Research Act
- Wisconsin Sea Grant College Program

OUTREACH SERVICE:

1. Chair, Steelhead Fishery Management Committee for the Bureau of Fisheries Management, Wisconsin Department of Natural Resources, 1985–1986. This Committee developed a fishery management plan for the steelhead fishery in Wisconsin's waters of Lake Michigan, which subsequently caused a doubling of the average annual steelhead harvest at only 50% of the average annual stocking of juvenile steelhead.
2. Chair, State-Tribal Technical Working Group for the Voigt Litigation Negotiators, Wisconsin Department of Natural Resources, 1987–1990. This Working Group coordinated stock assessment and developed fishery management plans for implementing tribal fishing in the northern third of the state of Wisconsin.
3. Member, Native American Working Group for the Fish and Wildlife Service, United States Department of the Interior, 1990–1992. This Working Group developed a draft Native American policy for the Fish and Wildlife Service.
4. Advisor to Lake Superior Management Committee for the Ontario Ministry of Natural Resources, Thunder Bay Office, 1990–1996. This Committee coordinates fishery management for the Ontario Ministry of Natural Resources, and provides a forum for public input to the fishery managers employed by the Ministry.
5. Member, Task Force for Implementing the Fish and Wildlife Restoration Act of 1990, Fish and Wildlife Service, 1991–1995. This Task Force oversaw the planning and implementation of the provisions of the Fish and Wildlife Restoration Act of 1990, which prescribed a study of the Great Lakes ecosystem and an infrastructure of new Fish and Wildlife Service fishery resource offices.
6. Chair, Lake Superior Technical Committee for the Lake Superior Committee, Great Lakes Fishery Commission, 1985–1996. This Committee coordinates stock assessment and advises fishery managers from Michigan, Minnesota, Ontario, Wisconsin, the Great Lakes Indian Fish and Wildlife Commission, the Chippewa Ottawa Treaty Fishery Management Authority, the Fish and Wildlife Service, the National Biological Service, and the Canadian Department of Fisheries and Ocean.
7. Chair, Technical Fisheries Review Committee, Executive Council of the Chippewa Ottawa Treaty Fishery Management Authority, 1991–1996. This Committee coordinates stock assessment and advises fishery managers from Michigan and the Sault Ste. Marie, Bay Mills, and Grand Traverse bands of Chippewa Ottawa Indians.
8. Member, Research Grade Evaluation Panels Advisory Committee for the National Biological Service, 1994–1996. This Committee oversees the policies and procedures used for peer reviewing the scientific credentials of NBS researchers.
9. Chair, Research Grade Evaluation Panel for the Great Lakes Science Center, 1994–1996. This Panel peer reviews the scientific credentials of center researchers on a cyclical basis for purposes of grade retention, promotion, or performance remedies.
10. Expert Panel, Montana Bull Trout/Lake Trout Workshop, Montana Department of Fish, Wildlife & Parks and the Confederated Salish and Kootenai Tribes, 1997. I was asked to serve on an expert panel to review the ecological status of lake trout in Flathead Lake, Montana. Recent declines in bull trout and Kokanee salmon had prompted state and tribal fishery managers of Flathead Lake to inquire about the possible negative effects of non-native lake trout on these species. The panel recommended suppression of lake trout from the lake using intensive, commercial fishing methods.
11. Art Oehmcke State Fish Hatchery Review, Wisconsin Department of Natural Resources, 1998. The cool water fish hatchery at Woodruff, Wisconsin, was reviewed in response to a Legislative Audit Bureau mandate, which was prompted by public concern over failed muskellunge propagation in 1997. I was requested by the Director of the Bureau of Fishery Management and Habitat Protection to serve as an outside expert for drafting the 1998 production plan. The plan was developed in consultation with district and hatchery staff, other state hatchery managers.
12. Expert Witness to 1836 Treaty Fishing Negotiations, Michigan Department of Natural Resources, 1999–2000. I was contracted to provide expertise in reviewing proposed fishery regulations in relation to lake trout rehabilitation goals for the upper Great Lakes. The 1836 agreement between several bands of Native Americans and the State of Michigan was renegotiated on the eve of its expiration. The Michigan Department of Natural Resources wished to ensure that any

- agreement with the tribes was consistent with rehabilitation goals for lake trout in Lake Huron, Lake Michigan, and Lake Superior.
13. Larval Sea Lamprey Assessment Program Review, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2002. I chaired an external review of the Great Lakes Fishery Commission's larval sea lamprey assessment program. Other panel members included Mark Ebener (Chippewa-Ottawa Resource Authority), Nigel Lester (Ontario Ministry of Natural Resources), Keith Somers (Ontario Ministry of the Environment), and Pat Sullivan (Cornell University). Recommendations of the panel will be used to modify the larval sea lamprey assessment program.
 14. Chair, Board of Technical Experts, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2004–2007. I served on the Great Lakes Fishery Commission's Board of Technical Experts, which provides advice to the Commissioners on their science program. Each year, we reviewed proposals submitted for funding under the GLFC fishery research program and recommended which proposals were worthy of funding.
 15. Commissioner, U.S. Section, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2004–2010. I was appointed by President George W. Bush to serve a 6-year term as Commissioner in the U.S. Section of the Great Lakes Fishery Commission (22 July 2004 through 21 April 2010), which was formed under the 1954 Convention on Great Lakes Fisheries to coordinate sea lamprey control, fishery research and fishery management on the Great Lakes. I served as chair during 2009–2010.
 16. Panelist, National Science Foundation, Graduate Research Fellowship Program, 2005–2008. I was invited to serve as a member of the Life Sciences–Ecology–Environmental Science panel. In early February each year, I met with a group of disciplinary scientists to review and evaluate applications based on the NSF Merit Review Criteria: Intellectual Merit and Broader Impacts.
 17. Member, Sea Lamprey Research Board, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2006–Present. I serve on the Great Lakes Fishery Commission's Sea Lamprey Research Board, which provides advice to the Commissioners on their sea lamprey research program. Each year, we review proposals submitted for funding under the GLFC sea lamprey research program and recommend which proposals are worthy of funding.
 18. Chair, Sea Lamprey Control Board, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2008–2014. I chair the Great Lakes Fishery Commission's Sea Lamprey Integration Committee, which oversees implementation of the sea lamprey control program throughout the Great Lakes by the US and Canadian agents. Each year, we review plans submitted for funding under the GLFC sea lamprey control program and recommend a control program for funding by the Commission.
 19. Commissioner, U.S. Section, Great Lakes Fishery Commission, Ann Arbor, Michigan, 2010–2014. I was appointed by President Barack Obama to serve a 6-year term as Commissioner in the U.S. Section of the Great Lakes Fishery Commission (26 October 2010 through 21 April 2016), which was formed under the 1954 Convention on Great Lakes Fisheries to coordinate sea lamprey control, fishery research and fishery management on the Great Lakes. I served as vice-chair during 2010–2012 and chair during 2012–2013. I resigned my commission on 18 April 2014.
 20. Panelist, Protocol Evaluation Panel (PEP), Grand Canyon Monitoring and Research Center (GCMRC), 7–18 May 2009. I was invited to serve on a panel to evaluate the fishery monitoring program within the Grand Canyon administered by the GCMRC. The review included a float trip on the Colorado River between Glen Canyon Dam and the Little Colorado River, followed by a meeting to assemble findings related to the PEP.
 21. Panelist, Evaluation of lake trout impacts on Lake Pend Oreille, Idaho, Idaho Department of Fish & Game, 2005–Present. I was asked to serve on an external review panel to review the ecological status of lake trout in Lake Pend Oreille, Idaho. Recent declines in Kokanee salmon prompted state fishery researchers and managers of Lake Pend Oreille to inquire about the possible negative effects of non-native lake trout on the fish community and the effectiveness of a suppression program aimed at lake trout using intensive, commercial fishing methods. The Panel recommended further research on lake trout and continued use of intensive trap-netting. I have subsequently advised the IDFG as an outside consultant.
 22. Expert Consultant, Confederated Salish & Kootenai Tribes of the Flathead Nation, 2007–Present. I serve as an expert consultant to advise tribal fishery managers on lake trout suppression to enhance bull trout in Flathead Lake, Montana. The lake trout, a non-native species, suppressed the native bull trout through predation, so tribal fishery managers implemented programs to suppress lake trout. I provide expert advice to tribal managers on lake trout mark-recapture abundance studies, gillnet fishery assessment monitoring, and simulation modeling to predict effects of angling and netting suppression fishing on lake trout.
 23. Panelist, National Park Service, Yellowstone National Park, 2011–Present. I serve as a member of an external peer-review panel for the lake trout suppression program on Yellowstone Lake. Non-native lake trout are increasing in abundance and threaten native Yellowstone cutthroat trout and other native species. The NPS instituted a netting program to suppress lake trout and instituted an external review panel that convenes annually to review progress of their program. The panel is chaired by Robert Gresswell (USGS Northern Rocky Mountain Science Center).

24. Chair, NOAA Southeast Fisheries Science Center, Fiscal Year 2014 Stock Assessment Science Program Review, 8–11 July 2014. I was asked to chair a peer-review panel to examine and evaluate the Southeast Fisheries Science Center's (SEFSC) fishery stock assessment program that is conducted pursuant to the Magnuson-Stevens Act (2006) and comparable international agreements.
25. Panelist, Evaluation of walleye impacts on Lake Pend Oreille, Idaho, Idaho Department of Fish & Game, 26 February 2018. I was asked to serve on an external review panel to review the ecological status of walleye in Lake Pend Oreille, Idaho. The Lake Pend Oreille Walleye population is the result of an unlawful introduction into the Clark Fork River upstream of the lake and IDFG is concerned these fish may pose a risk to decades of intensive fisheries conservation efforts there. I served on a team of outside experts invited to advise IDFG on three questions: (1) What should be expected from a growing Walleye population in this large, deep, oligotrophic lake, given available habitat; (2) What opportunities will be best for suppressing Walleye in Lake Pend Oreille; and (3) How should research and monitoring be prioritized to answer the above questions?