Curriculum Vitae

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Fisheries Research Biologist
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Educational Background:

- Ph.D. in Fisheries & Wildlife, Michigan State University, 2014
- M.S. in Natural Resources, The University of Michigan, 1987
- B.S. in Ecosystem Biology, Eastern Michigan University, 1984

Professional Experience:

- Great Lake Fisheries Research Biologist, Michigan DNR, September 1994 to present.
- Fisheries Research Biologist, South Dakota Dept. of Game, Fish & Parks. November 1986 to September 1994.
- Graduate Research Assistant, The University of Michigan, September 1984 to November 1986.
- Technician, Environmental Protection Agency, Large Lakes Research Laboratory, May 1983 to September 1984.

Certification:

Certified Fisheries Professional, American Fisheries Society.

Professional affiliation:

Adjunct Assistant Professor, Michigan State University
Affiliate Member Quantitative Fisheries Center, Michigan State University
American Fisheries Society. Member and past officer, Parent Society & member Michigan Chapter, AFS.
Former Associate Editor, North American Journal of Fisheries Management

Recent publications:

Fielder, D. G., M. J. Jones, and J. R. Bence. 2016. Use of a Structured Approach to Analysis of Management Options and Value of Information for a Recreationally Exploited Fish Population: A Case Study of Walleyes in Saginaw Bay. North American Journal of Fisheries Management 36:407-420.

Johnson, J. E., J. X. He, and D. G. Fielder. 2015. Rehabilitation Stocking of Walleyes and Lake Trout: Restoration of Reproducing Stocks in Michigan Waters of Lake Huron. North American Journal of Aquaculture. 77:396-408.

Brenden, T. O., J. R. Bence, I. Tsehaye, K. T. Scribner, J. Kanefsky, C. S. Vandergoot, and D. G. Fielder. In Press. Contributions of Lakes Erie and St. Clair Walleye Populations to the Saginaw Bay, Lake Huron Recreational Fishery: Evidence from Genetic Stock Identification. North American Journal of Fisheries management.

Johnson, J. E., J. X. He, and D. G. Fielder. 2015. Rehabilitation stocking of Walleye and Lake Trout: restoration of reproducing stocks in Michigan waters of Lake Huron. North American Journal of Aquaculture 77:369-408.

Fielder, D. G., and J. R. Bence. 2014. Integration of auxiliary information in statistical catch-at-age analysis of the Saginaw Bay stock of walleye in Lake Huron. North American Journal of Fisheries Management 34:970-987.

Fielder, D. G. 2014 Mortality, Exploitation, Movement, and Stock Size of Saginaw Bay Walleyes, 1981-2011; 31 years of tag return analysis. Michigan Department of Natural Resources, Fisheries Report 04. Lansing.

Hayden, T. A., C. M. Holbrook, D. G. Fielder, C. S. Vandergoot, R. A. Bergstedt, J. M. Dettmers, C. C. Kruger, S. J. Cooke. 2014. Acoustic telemetry reveals large-scale migration patterns of walleye in Lake Huron. PLoS ONE. 9: E114833.

He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. D. Dobiesz, D. G. Fielder, J. E. Johnson, A. R. Cottrill, L. C. Mohr, S. R. Kroproski. *2014*. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.