

**Presentations:**

International Association of Great Lakes Research, University Park, PA, May 28-June 1, 2007.

Title: Effect of flow-dependent change in habitat on YOY steelhead populations in a Lake Michigan tributary: results of a multi-modeling approach.

Authors: J.A. Tyler (presenter), M.J. Wiley, E.S. Rutherford, C.M. Riseng, D. Hyndman, D.C. Pijanowski.

American Fisheries Society, Lake Placid, NY, Sept. 11-14 2006.

Title: Steelhead population response to differences in flow regime in the Muskegon River.

Authors: J.A. Tyler (presenter), M.J. Wiley, E.S. Rutherford, L.M. Ivan, C.M. Riseng.

International Association of Great Lakes Research, Windsor, ON, Canada, June 11-14, 2006.

Title: Modeling flow dependent habitat suitability in a Lake Michigan tributary.

Authors: J.A. Tyler (presenter), M.J. Wiley, E.S. Rutherford, L.M. Ivan, M. Ladewig, C.M. Riseng.

Resource Modeling Association Annual Meeting, Arcata, CA, June 13-17, 2005.

Title: Modeling flow-dependent fish habitat in Michigan tributaries: Linking an IBM to hydrologic models.

Authors: J.A. Tyler (presenter), E.S. Rutherford, M.J. Wiley.

Southern New England Chapter, American Fisheries Society, Auburn, MA, Jan 12, 2005.

Title: Variation in respiration: Statistical noise or real individual differences?

Authors: M.B. Bolduc (presenter), J.A. Tyler

American Fisheries Society Annual Meeting, Madison, WI, Aug 23-26, 2004.

Title: Individual variation in steelhead respiration and its effect on predictions of an individual-based model.

Authors: J.A. Tyler (presenter), M.B. Bolduc (student), E.S. Rutherford

American Fisheries Society Annual Meeting, Madison, WI, Aug 23-26, 2004.

Title: Annual variation in habitat-specific contributions of alewife recruits in Lake Michigan.

Authors: T. Hook (student presenter), E.S. Rutherford, D.M. Mason, C.M. Madenjian, J.A. Tyler.

Southern New England Chapter, American Fisheries Society, East Lyme, CT, Jan 21, 2004.

Title: Genetic diversity of alewife populations in southern New England.

Authors: S. Vangala (student presenter), E. Ferreira (student), J. Rulfs, J.A. Tyler.

International Association of Great Lakes Research, Chicago, IL, June 22-26, 2003.

Title: Effects of habitat and population change on steelhead recruitment in the Manistee River: An individual-based modeling analysis

Authors: J.A. Tyler (presenter) E. S. Rutherford

Jeffrey A. Tyler

International Association of Great Lakes Research, Chicago, IL, June 22-26, 2003.

Title: Flow variation effects on steelhead recruitment in Michigan tributaries.  
Authors: E. S. Rutherford (presenter), J. A. Tyler, L. Hinz

Northeast Estuarine Research Society, Avery Point, CT, Sept. 26-28, 2002.

Title: Environmental quality assessment of Georges Bank for Atlantic cod populations.  
Authors: A. M. Sellers (student presenter), J.A.Tyler, J.M.Jech  
*Winner: Best student poster award.*

Ecological Society of America Annual Meeting, Madison, WI, Aug 6-10, 2001.

Title: Effects of habitat alteration on steelhead parr: an individual-based modeling analysis.  
Authors: J.A. Tyler (presenter), C.C. Goller (student), E.S. Rutherford

International Association of Great Lakes Research, Green Bay, WI, June 10-15, 2001.

Title: Modeling steelhead parr population responses to management practices.  
Authors: J.A. Tyler (presenter), C.C. Goller (student), E.S. Rutherford

Ecological Society of America Annual Meeting, Snowbird, UT, Aug 6-10, 2000.

Title: Modeling restoration of Michigan tributaries and its effect on salmonid populations.  
Authors: J.A. Tyler (presenter), E.S. Rutherford

International Association of Great Lakes Research, Cornwall, ON, Canada, May 22-26, 2000.

Title: Modeling the effects of tributary restoration on salmonid production and recruitment in Lake Michigan.  
Authors: J.A. Tyler (presenter), E.S. Rutherford

New York Natural History Conference, Albany, NY, April 26-29, 2000.

Title: Lavnun consumption of zooplankton in Lake Kinneret, Israel: potential implications for water quality management.  
Authors: J.A. Tyler (presenter), P.D. Walline, M. Gophen.

Ecological Society of America Annual Meeting, Spokane, WA, Aug 9-12, 1999.

Title: Seasonal changes in fish abundance and food consumption in Lake Kinneret, Israel.  
Authors: J.A. Tyler (presenter), P.D. Walline, M. Gophen.

Limnology and Lake Management 2000+, Lake Kinneret, Israel, Sept. 6-11, 1998.

Title: Lavnun Abundance: How changes may affect Lake Kinneret's zooplankton. Authors: J.A. Tyler (presenter), P.D. Walline, S.B. Brandt.

American Fisheries Society Annual Meeting, Hartford, CT Aug 17-20, 1998.

Title: Climate Change: Implications for Fish Habitat Quality and Growth Rate Potential.  
Authors: S.B. Brandt (presenter), J.A. Tyler.

American Society for Limnology and Oceanography/Ecological Society of America, St. Louis, MO. June 7-12, 1998.

Title: Tracking other trophic levels: spatial distributions of fish and zooplankton in Great Lakes ecosystems.

Jeffrey A. Tyler

Authors: J.A. Tyler (presenter), W.G. Sprules, S.B.Brandt.

International Association of Great Lakes Research, Hamilton, ON, Canada, May 18-22, 1998.

Title: Managing competition in Great Lakes fisheries.

Authors: P.D. Walline (presenter), J.A. Tyler, S.B.Brandt.

American Fisheries Society Annual Meeting, Monterey, CA Aug. 24-28, 1997.

Title: Effects of environmental heterogeneity and habitat selection on fish growth.

Authors: J.A. Tyler (presenter), S.B. Brandt

Ecological Society of America Annual Meeting, Albuquerque, NM Aug. 11-14 1997.

Title: Diel changes in spatial distribution of walleye habitat quality.

Authors: J.A. Tyler (presenter), M.E. Terra, S.B. Brandt

International Association of Great Lakes Research, Buffalo, NY June 1-5 1997.

Title: Comparing spatial and temporal measures of salmonid habitat quality in Lake Ontario.

Authors: J.A. Tyler (presenter), D.W.Hondorp, J.K.Horne, J.M.Jech, S.B.Brandt.

International Association of Great Lakes Research, Buffalo, NY June 1-5 1997.

Title: Spatial and temporal variation in walleye habitat quality in Lake Erie: an analysis of food, temperature and light effects.

Authors: M.E. Terra (presenter), J.A.Tyler

Ecological Society of America Annual Meeting, Providence, RI, Aug. 10-14, 1996.

Title: Diel changes in habitat quality for pelagic fishes.

Authors: J.A. Tyler (presenter), S.B.Brandt, D.W.Hondorp, M.E.Terra, J.M.Jech.

International Association of Great Lakes Research Toronto, Canada, May 26-30, 1996.

Title: Spatial and temporal variation in habitat quality: diel effects on growth rate potential.

Authors: J.A. Tyler (presenter), J.M.Jech, M.E.Terra, D.W.Hondorp.

Ecological Society of America Annual Meeting, Snowbird, UT, July 30-Aug. 3, 1995.

Title: Scale dependencies and landscape effects on the ideal free distribution.

Authors: J.A. Tyler (presenter), W.W. Hargrove.

American Fisheries Society Annual Meeting, Halifax, NS, Canada, Aug. 21-24, 1994.

Title: A simple individual-based model of marine flatfish populations: an example using California Halibut.

Authors: J.A. Tyler (presenter), K.A.Rose, R.C.Chambers.

Ecological Society of America Annual Meeting, Knoxville, TN Aug. 7-12, 1994.

Title: Simulating winter flounder population dynamics using coupled individual-based YOY and Leslie matrix models.

Authors: J.A. Tyler (presenter), K.A.Rose, R.C.Chambers.

Jeffrey A. Tyler

Larval Fish Conference, St. Andrews, NB, Canada, June 26-28, 1994.

Title: Compensating for chronic stress in the first year of life: an examination using individual-based models of winter flounder.  
Authors: J.A. Tyler (presenter), K.A.Rose, R.C.Chambers.

Ecological Society of America Annual Meeting, Madison, WI, July 31-August 4, 1993.

Title: Individual-based model of fish cohort growth, movement, and survival in a spatially-explicit environment.  
Authors: J.A. Tyler (presenter), K.A.Rose.

United States Landscape Ecology Symposium, Oak Ridge, TN, Mar. 24-26, 1993.

Title: Habitat selection and population dynamics using individual-based models.  
Authors: J.A. Tyler (presenter), K.A.Rose.

International Behavioral Ecology Congress, Princeton, NJ, Aug. 17-22, 1992.

Title: Ideal free distributions of non-identical stream fish: a model and test with minnows.  
Authors: J.A. Tyler (presenter), J.F. Gilliam.

National Animal Behavior Society Meetings, Binghamton, NY, June 10-16, 1990.

Title: Ideal free distributions of stream fish: a model and test with minnows, *Rhinichthys atratulus*.  
Authors: J.A. Tyler (presenter), J.F. Gilliam.

NE Regional Animal Behavior Society, Providence, RI, Nov. 10-12, 1989.

Title: Habitat selection and distributions of stream fish.  
Authors: J.A. Tyler (presenter), J.F. Gilliam.

International Behavioral Ecology Congress, Vancouver, BC, Canada, Oct. 6-9, 1988.

Title: Ideal free distributions of stream fish.  
Authors: J.A. Tyler (presenter), J.F. Gilliam.

**Invited Seminars:**

Kleinschmidt Engineering & Environmental Consulting, Pittsfield, ME, Feb 24, 2005

Kleinschmidt Engineering & Environmental Consulting, Essex, CT, Jan 17, 2005

Alden Laboratory, Holden, MA, Oct 15, 2003

University of Connecticut, Ecology & Evolutionary Biology, Storrs, CT, Dec 27, 2002

College of Holy Cross, Math Department, Worcester, MA, Dec 15, 2002

Great Lakes Protection Fund River Restoration, Archbold, OH, Oct 21, 2002

Trinity College, Biology Department, Hartford, CT, Oct 3, 2002

University of Massachusetts - Amherst, Fish Ecology group, Amherst, MA Dec 13, 2001

Worcester Polytechnic Institute, Biology & Biotechnology, Worcester, MA Oct 30, 2001

Institute For Fisheries Research, Ann Arbor, MI, Jan. 5, 2001.

Marine Biological Laboratory, Woods Hole, MA, Sept. 27, 2000.

Worcester Polytechnic Institute, BIO club, Worcester, MA, March 30, 2000.

Marine Biological Laboratory, Woods Hole, MA, March 15, 2000.

National Marine Fisheries Service, Woods Hole, MA, March 8, 2000.

Jeffrey A. Tyler

Worcester Polytechnic Institute, Mathematics Dept., Worcester, MA, Nov. 3 1999.  
Worcester Polytechnic Institute, Biology & Biotechnology, Worcester, MA, Feb 25, 1999  
US Army Corps of Engineers, Vicksburg, MS, Dec. 16, 1998.  
SUNY college of Environmental Science and Forestry, Syracuse, NY, June 23, 1998.  
SUNY college of Environmental Science and Forestry, Syracuse, NY, June 22, 1998.  
Yigal Allon Kinneret Limnological Laboratory, Tiberias, Israel, Mar. 19, 1998.  
University of Maine, Department of Biological Sciences, Orono, ME, April 11, 1997.  
University of Maine, Department of Biological Sciences, Orono, ME, April 10, 1997.  
SUNY Buffalo, Great Lakes Program, Buffalo, NY, April 7, 1997.  
SUNY College of Environmental Science & Forestry, Syracuse, NY, Feb. 15, 1996.  
Canisus College, Biology Department, Buffalo, NY, Feb. 12, 1996.  
State University of NY at Oswego, Biology Dept., Oswego, NY, July 14, 1994.  
University of Tennessee, Zoology Department, Knoxville, TN, Sept. 3, 1993.  
University of Kentucky, Department of Biology, Lexington, KY, April 16, 1993.  
Ohio State University, Aquatic Ecology Lab, Columbus, OH, Feb. 19, 1993.  
Ohio State University, Zoology Department, Columbus OH, Feb. 18, 1993.  
VA-Tech chapter of American Fisheries Society, Blacksburg, VA, Feb. 8, 1993.  
Virginia Polytechnic Institute, Blacksburg, VA, Feb. 8, 1993.  
State University of New York at Albany, Albany, NY, Jan. 22, 1993.  
EPRI Smallmouth Bass Workshop, Glen Allen, VA, Nov. 21-24, 1992.  
North Carolina State University, Raleigh, North Carolina, Oct. 12, 1992.  
NMFS Winter Flounder Workshop, Milford, Connecticut, Jan. 23, 1992.  
SW Fisheries Science Center, La Jolla, California, Oct. 18, 1991.  
Middlebury College, Middlebury, Vermont, May 15, 1991.  
New York State Museum, Albany, New York, April 10, 1991.  
New York State Museum, Albany, New York, Dec. 5, 1989.  
Skidmore College, Saratoga, New York, Oct. 27, 1989.