

## JASON STOCKWELL

### 1. Professional preparation

Degree	Year	Major	Institution
Bachelor of Science	1991	Biology, Math	Northland College
Doctor of Philosophy	1996	Zoology	University of Toronto

### 2. Appointments

Oct 2007 – present	Pelagic Ecologist	Gulf of Maine Research Institute
Nov 2007 – Apr 2008	Fellow	National Conservation Leadership Institute
Dec 2003 – Sep 2007	Research Fishery Biologist	USGS Great Lakes Science Center
Jun 2001 – Nov 2003	Senior Statistical Analyst	The Jackson Laboratory
Nov 1998 – Mar 2000	Aquatic Biologist	MA Dept. Marine Fisheries
Nov 1997 – Oct 1998	Post-Doc	Michigan State University
Apr 1996 – Oct 1997	Post-Doc	Colorado State University

### 3. Publications most closely related to the proposed project

**Stockwell, J.D.**, and B.M. Johnson. 1997. Refinement and calibration of a bioenergetics-based foraging model for kokanee (*Oncorhynchus nerka*). Canadian Journal of Fisheries and Aquatic Sciences 54:2659-2676.

**Stockwell, J.D.**, and B.M. Johnson. 1999. Field evaluation of a bioenergetics-based foraging model for kokanee (*Oncorhynchus nerka*). Canadian Journal of Fisheries and Aquatic Sciences 56 (Suppl. 1):140-151.

**Stockwell, J.D.**, P.J. Diodati, and M.P. Armstrong. 2002. A bioenergetic evaluation of the chronic-stress hypothesis: can catch-and-release fishing constrain striped bass growth? American Fisheries Society Symposium 30:144-147.

**Stockwell, J.D.**, D.L. Yule, O.T. Gorman, E.J. Isaac, and S.A. Moore. 2006. Evaluation of bottom trawls as compared to acoustics to assess adult lake herring (*Coregonus artedii*) abundance in Lake Superior. Journal of Great Lakes Research 32:280-292.

Yule, D.L., J.D. **Stockwell**, J.A. Black, K.I. Cullis, G.A. Cholwek, and J.T. Myers. 2008. How systematic underaging can impede understanding of fish population dynamics: lessons learned from a Lake Superior cisco (*Coregonus artedii*) stock. Transactions of the American Fisheries Society 137:481-495.

### 4. Synergistic activity

(1) 1996 – present – Served as reviewer for Canadian Journal of Fisheries and Aquatic Sciences, Ecological Applications, Ecology, North American Journal of Fish Management, ICES Journal of Marine Science, Journal of Great Lakes Research, Marine Ecology Progress Series, Transactions of the American Fisheries Society. Served as grant proposal reviewer for Great Lakes Fishery Trust and Great Lakes Fishery Commission.

(2) 2004-2007 – Member of Great Lakes Fishery Commission's Lake Superior Technical Committee

(3) 2004-2007 – Co-chair of Lower Trophic Level Working Group (Lake Superior Technical Committee)

(4) 2008 - Facilitator for GMRI Herring Working group (diverse Atlantic herring stakeholder group working to identify similarities and differences in resource management perspectives and to scope out challenges associated with research information needs based on these diverse perspectives).

(5) 2007 – present – Principal investigator for collaborative research project with commercial fishing industry to examine the effects of pelagic trawling on herring aggregations.

(6) 2008 – present – Steering Committee Member for Maine Sea Grant funded workshop series “Investigation of Nearshore Migration of Atlantic salmon in the Gulf of Maine Region”.

(7) 2008 – present – Member of the New England Fisheries Management Council’s Atlantic Herring Plan Development Team.

## **5. Collaborations and other affiliations**

### **5.1 Collaborators (past 48 months)**

M. Jech, J. Kocik, J. Link, B. Overholtz, Jay Burnett (NOAA-NMFS); T. Stanton (WHOI); M. Ebener (Chippewa-Ottawa Resource Authority); T. Hrabik (U. Minnesota); A. Geffen (University of Bergen); L. Incze, K. Wilson, T. Willis (Univ. Southern Maine); O. Jensen (Univ. Washington [Rutgers University in 2010]); M. Jones (Michigan State University); M. Lutcavage, T. Weber (Univ. New Hampshire); C. Madenjian, D. Yule (USGS); A. Pershing, J. Runge (Univ. Maine); M. Sierszen (EPA); J. Annala, J. Grabowski, D. Holland, G. Sherwood (GMRI);

### **5.2 The PI’s Graduate and Post Doctoral Advisors**

Ph.D Advisor: Dr. W.G. Sprules (University of Toronto); Post Doctoral Advisors: Dr. Brett Johnson (Colorado State University), Dr. Michael Jones (Michigan State University)

### **5.3 Research Management Experience**

While Research Fishery Biologist at USGS Great Lakes Science Center, managed the Lake Superior Biological Station including nine staff (2 scientists, 3 research technicians, 3 vessel crew, and 1 administrative technician), a 107’ research vessel, and an annual operating budget of US \$1.2 million. While Senior Statistical Analyst with The Jackson Laboratory, managed the Computational Biological Resources section (3 statisticians) which supported 15 genetic research laboratories.