

Lisa K. Peterson

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EDUCATION

In pursuit of a Doctor of Philosophy in Fisheries and Wildlife, 2014-present
GPA and Major GPA: 4.0
Advisor: Dr. Mike Jones

Master of Science in Fisheries and Wildlife, 2011-2014
GPA and Major GPA: 4.0
Advisor: Dr. Mike Jones

Bachelor of Science in Fisheries and Wildlife, *with honor*, 2007-2011
Michigan State University, East Lansing MI
GPA: 3.68
Major GPA: 3.82

PROFESSIONAL AND RESEARCH EXPERIENCE

M. S. Thesis, Fisheries and Wildlife, **Michigan State University** 2014
An investigation of Lake Erie yellow perch stock assessment assumptions
Objectives:

- Investigate the assumption that each yellow perch management unit in Lake Erie has a distinct yellow perch population with no mixing
- Investigate the assumption that a fishery independent survey used in the yellow perch stock assessment models is an unbiased indicator of trends in abundance

Graduate Research Assistant, PhD level, **Michigan State University** 2014-present
East Lansing, MI

- Department of Fisheries and Wildlife
- Quantitative Fisheries Center

Graduate Research Assistant, MS level, **Michigan State University** 2011-2014
East Lansing, MI

- Department of Fisheries and Wildlife
- Quantitative Fisheries Center

Biological Science Technician, **United States Geological Survey** 2010
Reston, VA

- Assists project managers in the design, development, test, and evaluation of biologically related informatics tools including web portals, web sites, search systems, and geospatial systems.
- Assists knowledge managers in the identification and acquisition of information and data of interest to wildlife managers and research scientists.

Research Aide, **MSU Department of Epidemiology** 2010-2011
East Lansing, MI

- Assist Dr. Naomi Breslau with organizing and teaching her graduate class, research, article analyses, and typing manuscripts

Office Assistant, **MSU Department of Epidemiology** 2007-2009
East Lansing, MI

- Responsibilities included office and secretarial work, answering phones and providing information, typing, copying, cleaning, and data entry

Summer Student, **Henry Ford Health System** 2005-present
Detroit, MI

- Performed general office work, including copying, typing, literature reviews, answering phones, abstracting, and data entry (Microsoft Excel and Access)
- Assisted a prostate research study

PUBLICATIONS (NON-PEER REVIEWED)	Peterson, L.K. 2013. The 2012-2013 Fenske Fellowship: Structured Decision Making in Dam Management. Fisheries 38(12):568-569.	
PROFESSIONAL PRESENTATIONS	Peterson, L.K. , J. Dettmers, and M.L Jones. 2014. 2012-2013 Fenske Fellowship: Structured decision making framework for decisions about dams. Michigan Chapter of the American Fisheries Society Annual Meeting, Holland, Michigan.	
	Peterson, L.K. , J. Dettmers, and M.L Jones. 2014. 2012-2013 Fenske Fellowship: Structured decision making framework for decisions about dams. MSU FW GSO Student Research Symposium, East Lansing, Michigan.	
	Peterson, L.K. , and M.L. Jones. 2014. Standardization of catch-per-effort data for yellow perch in Lake Erie. Midwest Fish and Wildlife Conference, Kansas City, Missouri.	
	Peterson, L.K. , M.L. Jones, and M.J. Catalano. 2013. Does movement of yellow perch (<i>Perca flavescens</i>) across management boundaries in Lake Erie matter for setting quotas? Annual Meeting of the American Fisheries Society, Little Rock, Arkansas.	
	Peterson, L.K. , and M.L. Jones. 2013. Movement of yellow perch (<i>Perca flavescens</i>) across management boundaries. MSU FW GSO Student Research Symposium, East Lansing, Michigan.	
	Peterson, L.K. 2012. Movement of yellow perch in Lake Erie: A master's project in-progress. MSU Canadian Studies Center Graduate Student Research Colloquium, East Lansing, Michigan.	
SOFTWARE SKILLS AND TRAINING	Software packages R, AD Model Builder, Microsoft Windows, Word, Excel, Access, and PowerPoint	
	Certificate courses through Quantitative Fisheries Center at Michigan State University	
	<ul style="list-style-type: none"> • R Essentials for Natural Resource Professionals • Maximum Likelihood Estimation 	
TEACHING EXPERIENCE	Sightability Models: Based on information from line-transect or circular plot sampling	2014
	<ul style="list-style-type: none"> • Guest lecture for Population Analysis and Management (FW 424) at Michigan State University 	
	Introduction to Programming in R for Fisheries Scientists	2012-2014
	<ul style="list-style-type: none"> • Co-instructor for short course taught at American Fisheries Society annual meetings 	
	The Use of Modelling in Yellow Perch Management	2013
	<ul style="list-style-type: none"> • Guest lecture for Ecological Problem Solving (FW 364) at Michigan State University 	
PROFESSIONAL AFFILIATIONS, SERVICE, AND LEADERSHIP	Lake Erie Percid Management Advisory Group	2011-present
	<ul style="list-style-type: none"> • Co-facilitator and member of the modeling team 	
	American Fisheries Society	2012-present
	Michigan Chapter of the American Fisheries Society	2012-present
	International Association for Great Lakes Research	2012-present
	MSU Fisheries and Wildlife Graduate Student Organization	2012-present
	<ul style="list-style-type: none"> • Spotlight magazine assistant coordinator, 2012 • Spotlight magazine coordinator, 2013-present • Welcoming committee, 2014 	
	MSU Pre-Veterinary Medical Association	2007-2011

FELLOWSHIPS AND AWARDS	2012-2013 Janice Lee Fenske Excellence in Fisheries Management Fellowship	2012
	William E. Ricker Distinguished Fellowship in Quantitative Fisheries Sciences	2011
	Michigan State University Graduate Student Organization Symposium Best Fisheries Related Presentation Award	2014
	Joan Duffy Student Travel Award from the North Central Division	2013
	Midwest Fish and Wildlife Student Travel Grant from the Michigan Chapter of the American Fisheries Society	2013
	Travel award to attend an academic conference from the Canadian Studies Center Graduate Student Research Colloquium	2012
ADDITIONAL EXPERIENCE	Volunteer, Capital Area Humane Society <i>Lansing, MI</i>	2011-2013
	<ul style="list-style-type: none"> Socialization of animals, including dog-walking and stimulation of cats 	
	Participant, Conservation Leaders for Tomorrow Workshop <i>Dundee, IL</i>	2011
	<ul style="list-style-type: none"> Professional development program focused on hunting awareness and conservation education Participated in classroom discussion and field experiences 	
	Participant, Marine Resources Population Dynamics Workshop <i>Summerland Key, FL</i>	2011
	<ul style="list-style-type: none"> Discussed fisheries and stock assessment techniques Used programs such as ASPIC and BAM to look at population dynamics 	
Volunteer, All About Animals Clinic <i>Warren, MI</i>	2008-2009	
<ul style="list-style-type: none"> Observing and assisting with spay/neuter surgeries and wellness examinations Providing dogs and cats with vaccinations Assisting with post-surgery recovery 		
Volunteer, Wildlife assistant, Michigan Humane Society <i>Royal Oak, MI</i>	2008-2009	
<ul style="list-style-type: none"> Activities included washing cages, walking dogs, feeding, and providing information to potential owners 		