

Kathryn Frens

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Education

Michigan State University

PhD in Fisheries and Wildlife expected 2018

Dissertation: Land use policy, habitat quality, and human wellbeing in the Northern Forest

The University of Michigan

M.S. in Natural Resources and Environment April 2010

Hope College

B.A. in biology, minor in writing, 2006

Conference Papers

Frens, K. and W.F. Porter. Effects of Land-Use Policy on Biotic and Human Systems in the Northern Great Lakes. Presented at the *10th Annual Fisheries and Wildlife Graduate Student Organization Research Symposium*. 17 February 2015, East Lansing, MI.

Frens, K., D. M. Williams, and W. F. Porter. Do Large Forested Areas Mitigate the Effects of Climate Change-Induced Range Shifts on Insectivorous Birds? Presented at the annual meeting of The Wildlife Society, October 2015, Winnipeg, Canada.

Professional Development

Emerging Leaders Program, Great Lakes Leadership Academy. East Lansing, MI. Graduated 2015.

Introductory and Intermediate Structural Equation Modeling. Center for Statistical Training and Consulting, Michigan State University. East Lansing, MI. 2015.

Model Selection and Model Averaging. Center for Statistical Training and Consulting, Michigan State University. East Lansing, MI. 2015.

Teaching and Mentoring

FW 491: Wildlife Policy, Michigan State University. Teaching assistant, 2015.

BIO 171: Introduction to Biology. University of Michigan. Teaching assistant, 2008-2009

Work Experience

Epic Systems, Technical Writer, January-August 2014

- Wrote support documentation for healthcare software
- Collaborated with programmers and testers to ensure accuracy and usability.

Cardno JFNew, Ecological Resource Technician, April-October 2013

- Performed project work related to ecological restoration
- Responsibilities include planting, seeding, herbicide application, and erosion control

Bird Research Northwest at Oregon State University, Avian Technician, April-August 2012

- Studied impact of double-crested cormorant and Caspian terns on endangered salmonids in the Columbia River estuary
- Banded and resighted terns, evaluated productivity and breeding behavior

National Audubon Society's Project Puffin, Island Supervisor, May-August 2011

- Managed restored tern colony, including banding and measuring chicks, recording survival and diet, and dissuading predators
- Analyzed data on tern productivity, growth, and diet, wrote year-end report
- Trained and supervised rotating staff on a small, remote island

Maine Audubon, Seasonal Biologist, April-August 2010

- Surveyed beaches for piping plovers and least terns, monitored nests and chicks
- Educated beachgoers and landowners about conservation issues and endangered species
- Hired, trained, and supervised interns and volunteers
- Entered and analyzed data, assisted in writing yearly report and newsletter

University of Michigan, Research Assistant, February-April 2010

- Edited manuscript for behavioral ecology textbook

University of Michigan, Graduate Student Instructor, January 2008-December 2009

- Taught discussion sections for Intro to Ecology and Evolutionary Biology to more than 100 students from diverse educational backgrounds.
- Responsible for teaching, grading, and maintaining office hours

University of Michigan Nichols Arboretum, Woody Plants/ Natural Areas Intern, May-August 2009

- Assisted with maintenance of plant collections and natural areas restoration
- Removed invasive plant species via cutting, pesticide application, and controlled burns

Alaska Fish and Wildlife Service, Seabird Researcher, July-September, 2008

- Located seabird nests, captured and measured seabird chicks, and carried out counts for cliff-nesting bird colonies.
- Worked with a team of four people in remote conditions

Computer skills and Other Certifications

R, ArcGIS, SPSS, Microsoft Access, Excel, Publisher, and Word