

Megan Lindstrom

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EDUCATION

PhD, Geography

- The Ohio State University, (expected May 2022)
- Topic: Harmful Algal Blooms and Liver Disease
- Advisor: Dr. Elisabeth Dowling Root

MA, Geography

- The Ohio State University, (May 2018)
- Topic: GIS Analysis of Hospital Onset Clostridium Difficile
- Advisor: Dr. Elisabeth Dowling Root

BA, Geography

- Kansas State University, Summa Cum Laude (May 2016)
- Certificate in Geographical Information Systems, Minor in French
- Advisor: Dr. Shawn Hutchinson

RESEARCH

Graduate Research Assistant

The Ohio State University, 2016- present
Research: GIS, Public Health, and Epidemiology

GIScience Research Assistant

Kansas State University, 2011-2016
Research: Spatiotemporal Analysis of Climate Change Indicators in Kansas

TEACHING

Guest Lecturer for Advanced Spatial Data Analysis

Ohio State University, March 2018

- Taught a lecture on kriging techniques

Teaching Assistant for Biological Anthropology

Kansas State University, 2014-2016

- Taught several lab sections per week, conducted study sessions with students, graded exams and assignments

REFEREED PUBLICATIONS

- 2018 **McHaney-Lindstrom, M.**, Hebert, C., Flaherty, J., Mangino, J., Moffatt-Bruce, S., Dowling Root, E. *Analysis of Intra-hospital Transfers and Hospital-onset Clostridium difficile Infection*. Journal of Hospital Infection.
- 2017 McHaney, R., Reychav, I., Zhu, L., & **McHaney - Lindstrom, M.** *Conceptual Modeling in a Cardiac Patient Survival Simulation*. Operations Research for Health Care.

PROFESSIONAL PRESENTATIONS

PRESENTATIONS

Wexner Medical Center CDI Meeting, June 2018

Intra-Hospital Transfers and increased risk of Hospital-Onset Clostridium Difficile Infection
Megan McHaney-Lindstrom, MA, The Ohio State University, Columbus, OH

POSTERS

Academy Health, Seattle Washington June 2018

Creating a Hospital GIS to Evaluate the Association of Room Characteristics with Risk of Hospital-Onset Clostridium Difficile Acquisition

Elisabeth Root, PhD, Megan McHaney-Lindstrom, MA, and Courtney Hebert, MD, MS, The Ohio State University, Columbus, OH

AAG Bi-Regional Conference, Albuquerque NM October 2014

Spatiotemporal Analysis of Growing Season Length and Freeze Dates as a Measure of Climate Change for Agricultural Producers in Kansas.

Megan McHaney¹, J.M. Shawn Hutchinson¹, and Anandhi Swamy²

¹ Department of Geography, Kansas State University; ² Department of Agronomy, Kansas State University

Award Received for Outstanding Undergraduate Poster Presentation

ADDITIONAL PROFESSIONAL EXPERIENCE

GIS Internship

Kansas Department of Agriculture, 2015-2016

- Created a web application to report animal medical emergencies that could have adverse effects on Kansas agriculture

GIS Internship

Koch Industries, Summer 2014

- Created maps for pipelines within the USA and kept track of assets and acquisitions in a digital database

Tutor in Geography

PILOTs, 2013 - 2015

- Tutored geography courses through a retention program to help 'at risk' students attain their goal of higher education

GRANTS

Excellence in Undergraduate Research Grant (\$500)

Kansas State University College of Arts and Sciences, 2015

Research: *Spatiotemporal Analysis of Climate Change Indicators in Kansas*

SERVICE

Graduate Geography Organization Secretary

The Ohio State University, 2018-2019

- Provide and distribute meeting notes to the Geography Department

Graduate Geography Organization Social Chair

The Ohio State University, 2017-2018

- Organize social events within the Geography Department

PROFESSIONAL DEVELOPMENT

Teaching Orientation, 2016

The Ohio State University, University Center for the Advancement of Teaching (UCAT)

Introduction to SAS Workshop, 2016

The Ohio State University, Research Methodology Center (RMC)

PROFESSIONAL ORGANIZATIONS

Association of American Geographers
Phi Beta Kappa
Pi Delta Phi
Gamma Theta Upsilon
Graduate Geography Organization

AWARDS AND HONORS

Kansas State University Foundation Plus Scholarship	2012 - 2016
Kansas State University Seyler Undergraduate GiScience Scholarship	2015
AAG Outstanding Undergraduate Poster Presentation	2014
Kansas State University Robert H. Williams Geography Scholarship	2014
Kansas State University Sophomore Phi Beta Kappa Book Award	2014
Kansas State University Self Huber Geography Scholarship	2013

ADDITIONAL SKILLS

Languages

- English (Native), French (fluent)

Coding

- R, Python, SAS, Stata, JavaScript, HTML

Software

- ArcGIS, NetLogo, SketchUp, Microsoft Office Suite