

EDUCATION

MA, Geography

- The Ohio State University, Expected May 2018
- Advisor: Dr. Elisabeth Dowling Root

BA, Geography

- Kansas State University, May 2016
- Minor in French
- Certificate in Geographical Information Systems
- 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

- Created and interpreted agricultural climate vulnerability indices for the state of Kansas through the usage of GIS technology.

TEACHING

Teaching Assistant for Biological Anthropology

Kansas State University, 2014-2016

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

ADDITIONAL PROFESSIONAL EXPERIENCE

GIS Internship

Kansas Department of Agriculture, 2015-2016

- Created a web application to report medical emergencies that could have adverse effects on Kansas agriculture such as avian flu

GIS Internship

Koch Industries, Summer 2014

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

Tutor in Geography

PILOTs, 2013 - 2015

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

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

GRANTS

Excellence in Undergraduate Research Grant

Kansas State University College of Arts and Sciences, 2015

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

- Created and interpreted agricultural climate vulnerability indices for the state of Kansas through the usage of GIS technology

CONFERENCES

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

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

- Award Received for Outstanding Undergraduate Poster Presentation

ADDITIONAL SKILLS

Languages

- English (Native), French (fluent)

Coding

- R, Python, JavaScript, HTML

Software

- ArcGIS, NetLogo, SketchUp, Microsoft Office Suite

PROFESSIONAL DEVELOPMENT

Teaching Orientation

The Ohio State University, 2016

- University Center for the Advancement of Teaching (UCAT)

PROFESSIONAL ORGANIZATIONS

Association of American Geographers

Phi Beta Kappa

Pi Delta Phi

Gamma Theta Upsilon